

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: P231914

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

Issue Date: 3/3/2020



Test Information

Test Method: LM-79-08
Report Number: P231914
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1706-121-8)
Test Lab: INNOVATION CENTER(G3)
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: FAIL-SAFE
Catalog Number: FVS4WM-2-LD4-40-2STD-P125-UNV-EDC1
Description: FAILSAFE FVS LED FIXTURE
2FT LENGTH, 2-MODULE LED WITH P125 LENS
Light Source: (84) 4000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

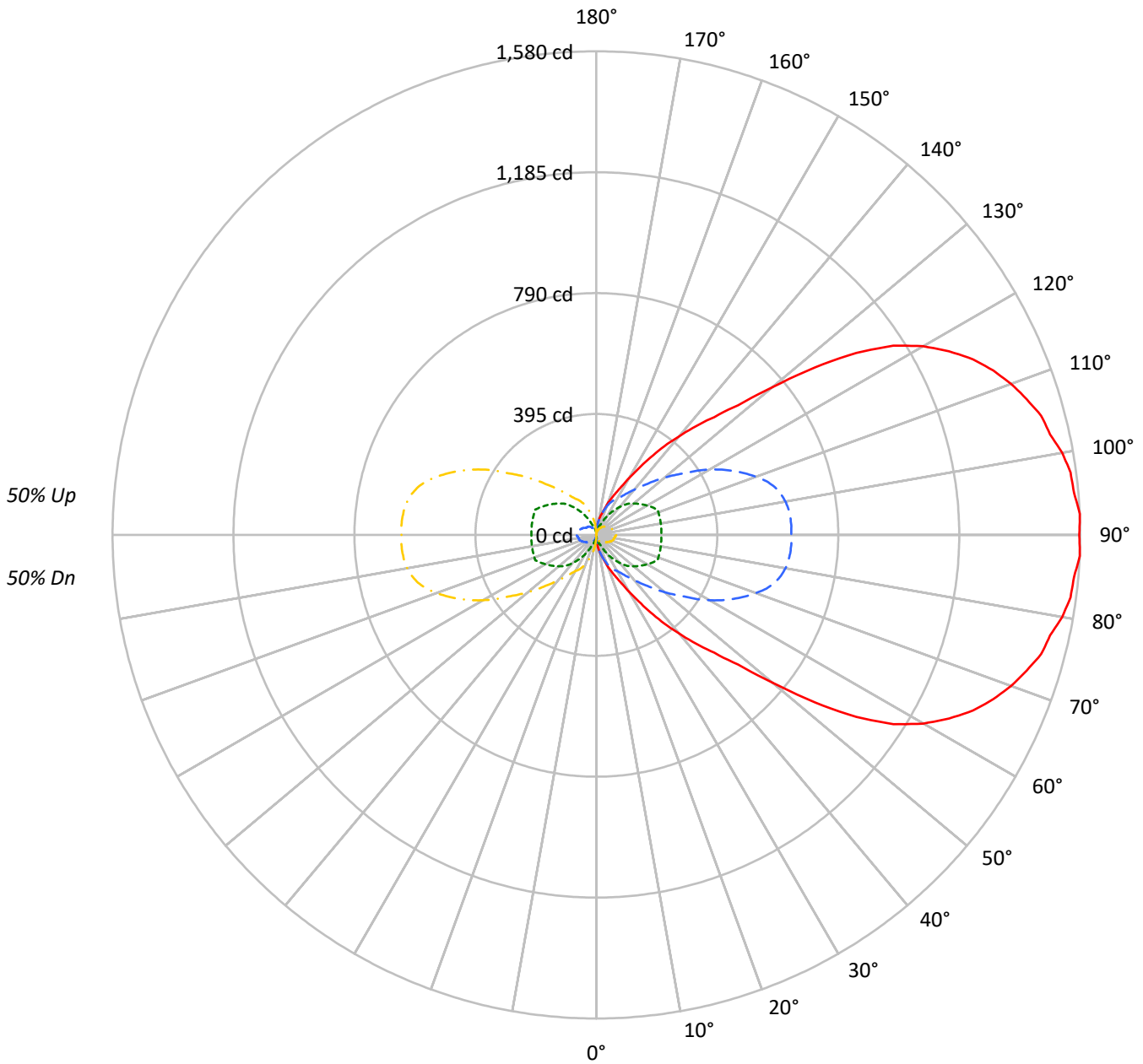
Lumens per Lamp: N/A
Luminaire Lumens: 3610.4 lumens
Efficiency: N/A
Efficacy: 106.5 lumens/watt
Spacing Criteria (0/90/45): - / - / -
Luminous Opening: Rectangular w/ Sides (W: 1.92' x L: 0.19' x H: 0.31')
CIE Type: General Diffuse

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°	790	243	0	243
10°	1243	482	0	482
15°	1588	728	0	728
20°	2198	981	0	981
25°	2817	1493	0	1493
30°	3791	2285	0	2285
35°	5209	3151	0	3151
40°	6852	4117	0	4117
45°	8644	5223	0	5223
50°	11707	6223	0	6223
55°	16008	7438	0	7438
60°	18996	8955	12	8955
65°	21027	10912	12	10912
70°	22633	13027	13	13027
75°	24103	15432	13	15432
80°	25488	19142	0	19142
85°	26836	25526	0	25526



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	1.7	0.0
10°-20°	11.5	0.3
20°-30°	32.4	0.9
30°-40°	71.9	2.0
40°-50°	139.0	3.9
50°-60°	247.4	6.9
60°-70°	364.8	10.1
70°-80°	447.4	12.4
80°-90°	489.1	13.5
90°-100°	489.1	13.5
100°-110°	447.4	12.4
110°-120°	364.8	10.1
120°-130°	247.4	6.9
130°-140°	139.0	3.9
140°-150°	71.9	2.0
150°-160°	32.4	0.9
160°-170°	11.5	0.3
170°-180°	1.7	0.0
0°-30°	45.6	1.3
0°-40°	117.5	3.3
0°-60°	504.0	14.0
0°-90°	1805.2	50.0
90°-120°	1301.2	36.0
90°-150°	1759.6	48.7
90°-180°	1805.0	50.0
0°-180°	3610.4	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	0	0	0	0	0	
5°	30	8	0	8	30	3
15°	74	24	0	24	74	23
25°	152	49	0	49	152	73
35°	309	96	0	96	309	199
45°	544	143	0	143	544	437
55°	1036	176	0	176	1036	918
65°	1357	208	1	208	1357	1340
75°	1504	214	1	214	1504	1584
85°	1566	213	0	213	1566	1277
90°	1577	212	0	212	1577	865
95°	1566	213	0	213	1566	1277
105°	1504	214	1	214	1504	1584
115°	1357	208	1	208	1357	1340
125°	1036	176	0	176	1036	918
135°	544	143	0	143	544	437
145°	309	96	0	96	309	199
155°	152	49	0	49	152	73
165°	74	24	0	24	74	23
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°	12.2	12.4	12.5	12.7	12.9	13.0	13.2	12.8	12.8	12.8	12.7
5°	30.1	30.4	30.7	31.0	31.3	30.7	30.6	30.5	30.3	30.0	29.7
7.5°	40.7	41.2	41.7	42.2	42.2	42.4	42.5	42.6	42.6	42.5	42.4
10°	52.9	53.6	54.4	55.1	55.1	55.3	55.5	55.6	55.6	55.4	55.2
12.5°	63.5	64.5	65.5	66.1	66.7	67.2	67.6	67.9	68.0	68.0	67.9
15°	74.1	75.5	76.8	77.6	78.5	79.2	79.8	80.2	80.5	80.5	80.5
17.5°	89.6	91.0	92.4	92.9	93.5	94.0	94.4	94.5	94.5	94.3	93.9
20°	110.8	111.8	112.7	112.3	112.2	112.0	111.5	110.9	110.2	109.4	108.4
22.5°	129.5	130.0	130.5	129.7	129.2	128.5	127.6	126.6	125.4	124.1	122.8
25°	151.5	151.5	150.7	149.7	148.3	146.7	144.8	142.7	140.4	137.9	135.3
27.5°	177.6	177.0	175.3	173.4	171.0	168.2	165.0	161.5	157.7	153.6	149.9
30°	215.1	213.7	210.5	206.9	202.6	197.6	192.0	185.9	179.3	172.3	167.2
32.5°	257.4	255.2	250.8	245.8	239.9	233.1	225.5	217.1	207.9	198.8	190.3
35°	308.7	305.8	299.8	293.2	285.2	275.9	265.4	253.8	241.1	229.5	217.9
37.5°	365.8	362.5	355.4	347.4	337.6	326.1	312.9	298.1	282.2	267.0	250.9
40°	420.3	418.0	411.4	403.7	393.7	381.3	366.4	349.0	330.3	311.0	290.3
42.5°	482.2	480.6	473.8	465.7	454.9	441.4	425.1	406.2	385.4	362.0	335.9
45°	544.2	545.6	541.0	534.3	523.8	509.2	490.4	470.1	444.7	419.0	392.0
47.5°	627.2	630.0	624.6	617.0	604.9	588.5	567.6	543.2	515.0	481.9	453.2
50°	750.3	751.7	740.6	727.0	707.9	683.7	654.9	626.4	595.2	558.9	522.3
52.5°	898.5	894.5	875.0	853.2	826.1	794.8	760.1	723.3	679.5	634.1	592.4
55°	1036.2	1026.6	1001.4	973.9	941.3	904.6	864.5	819.5	767.7	714.3	661.1
57.5°	1150.2	1134.7	1105.3	1074.2	1039.2	1001.3	958.1	907.7	856.5	793.4	731.5
60°	1232.5	1215.1	1185.7	1154.0	1117.4	1076.4	1032.0	985.5	931.8	869.5	803.4
62.5°	1298.5	1277.0	1250.2	1218.4	1182.1	1142.1	1096.5	1048.8	995.9	939.5	870.2
65°	1357.1	1335.1	1307.7	1274.8	1236.7	1195.2	1151.0	1103.4	1049.6	992.3	929.9
67.5°	1402.8	1382.1	1356.1	1324.4	1287.0	1244.4	1197.1	1146.8	1094.3	1036.6	975.9
70°	1441.9	1426.7	1404.4	1373.4	1331.5	1286.1	1238.4	1185.0	1129.3	1075.1	1019.2
72.5°	1473.6	1464.1	1447.6	1422.5	1379.5	1324.9	1271.3	1217.6	1163.3	1109.5	1054.9
75°	1503.8	1498.6	1486.1	1457.1	1411.2	1358.3	1300.9	1247.5	1194.6	1138.6	1082.4
77.5°	1517.6	1517.1	1511.8	1481.9	1435.8	1383.6	1328.8	1274.4	1219.2	1161.6	1104.0
80°	1544.5	1542.3	1531.0	1502.2	1456.1	1403.3	1349.0	1294.9	1238.3	1178.5	1119.7
82.5°	1561.6	1559.6	1550.0	1527.6	1478.7	1418.7	1360.0	1303.0	1249.6	1193.5	1135.6
85°	1565.7	1567.2	1562.1	1535.9	1489.0	1429.9	1370.0	1314.2	1259.4	1204.3	1145.6
87.5°	1580.3	1576.9	1564.5	1542.7	1495.3	1440.2	1380.2	1321.0	1263.0	1208.2	1149.8
90°	1577.1	1575.5	1566.5	1545.3	1493.2	1437.0	1381.6	1320.5	1260.2	1205.6	1148.6
92.5°	1580.3	1576.9	1564.5	1542.7	1495.3	1440.2	1380.2	1321.0	1263.0	1208.2	1149.8
95°	1565.7	1567.2	1562.1	1535.9	1489.0	1429.9	1370.0	1314.2	1259.4	1204.3	1145.6
97.5°	1561.6	1559.6	1550.0	1527.6	1478.7	1418.7	1360.0	1303.0	1249.6	1193.5	1135.6
100°	1544.5	1542.3	1531.0	1502.2	1456.1	1403.3	1349.0	1294.9	1238.3	1178.5	1119.7
102.5°	1517.6	1517.1	1511.8	1481.9	1435.8	1383.6	1328.8	1274.4	1219.2	1161.6	1104.0
105°	1503.8	1498.6	1486.1	1457.1	1411.2	1358.3	1300.9	1247.5	1194.6	1138.6	1082.4
107.5°	1473.6	1464.1	1447.6	1422.5	1379.5	1324.9	1271.3	1217.6	1163.3	1109.5	1054.9
110°	1441.9	1426.7	1404.4	1373.4	1331.5	1286.1	1238.4	1185.0	1129.3	1075.1	1019.2



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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°	1402.8	1382.1	1356.1	1324.4	1287.0	1244.4	1197.1	1146.8	1094.3	1036.6	975.9
115°	1357.1	1335.1	1307.7	1274.8	1236.7	1195.2	1151.0	1103.4	1049.6	992.3	929.9
117.5°	1298.5	1277.0	1250.2	1218.4	1182.1	1142.1	1096.5	1048.8	995.9	939.5	870.2
120°	1232.5	1215.1	1185.7	1154.0	1117.4	1076.4	1032.0	985.5	931.8	869.5	803.4
122.5°	1150.2	1134.7	1105.3	1074.2	1039.2	1001.3	958.1	907.7	856.5	793.4	731.5
125°	1036.2	1026.6	1001.4	973.9	941.3	904.6	864.5	819.5	767.7	714.3	661.1
127.5°	898.5	894.5	875.0	853.2	826.1	794.8	760.1	723.3	679.5	634.1	592.4
130°	750.3	751.7	740.6	727.0	707.9	683.7	654.9	626.4	595.2	558.9	522.3
132.5°	627.2	630.0	624.6	617.0	604.9	588.5	567.6	543.2	515.0	481.9	453.2
135°	544.2	545.6	541.0	534.3	523.8	509.2	490.4	470.1	444.7	419.0	392.0
137.5°	482.2	480.6	473.8	465.7	454.9	441.4	425.1	406.2	385.4	362.0	335.9
140°	420.3	418.0	411.4	403.7	393.7	381.3	366.4	349.0	330.3	311.0	290.3
142.5°	365.8	362.5	355.4	347.4	337.6	326.1	312.9	298.1	282.2	267.0	250.9
145°	308.7	305.8	299.8	293.2	285.2	275.9	265.4	253.8	241.1	229.5	217.9
147.5°	257.4	255.2	250.8	245.8	239.9	233.1	225.5	217.1	207.9	198.8	190.3
150°	215.1	213.7	210.5	206.9	202.6	197.6	192.0	185.9	179.3	172.3	167.2
152.5°	177.6	177.0	175.3	173.4	171.0	168.2	165.0	161.5	157.7	153.6	149.9
155°	151.5	151.5	150.7	149.7	148.3	146.7	144.8	142.7	140.4	137.9	135.3
157.5°	129.5	130.0	130.5	129.7	129.2	128.5	127.6	126.6	125.4	124.1	122.8
160°	110.8	111.8	112.7	112.3	112.2	112.0	111.5	110.9	110.2	109.4	108.4
162.5°	89.6	91.0	92.4	92.9	93.5	94.0	94.4	94.5	94.5	94.3	93.9
165°	74.1	75.5	76.8	77.6	78.5	79.2	79.8	80.2	80.5	80.5	80.5
167.5°	63.5	64.5	65.5	66.1	66.7	67.2	67.6	67.9	68.0	68.0	67.9
170°	52.9	53.6	54.4	55.1	55.1	55.3	55.5	55.6	55.6	55.4	55.2
172.5°	40.7	41.2	41.7	42.2	42.2	42.4	42.5	42.6	42.6	42.5	42.4
175°	30.1	30.4	30.7	31.0	31.3	30.7	30.6	30.5	30.3	30.0	29.7
177.5°	12.2	12.4	12.5	12.7	12.9	13.0	13.2	12.8	12.8	12.8	12.7
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°	12.6	12.5	12.4	12.2	12.1	11.9	11.7	11.4	11.2	10.9	10.6
5°	29.3	28.8	28.3	27.7	27.0	26.4	25.6	24.8	23.9	23.0	22.1
7.5°	42.2	41.9	41.5	41.1	40.6	40.0	39.3	38.6	37.8	36.6	35.2
10°	54.8	54.3	53.7	53.0	52.2	51.3	50.3	49.4	48.3	47.2	45.9
12.5°	67.6	67.2	66.7	66.0	65.1	64.0	62.7	61.3	59.7	58.1	56.3
15°	80.2	79.8	79.2	78.4	77.4	76.3	75.0	73.5	71.9	69.9	67.7
17.5°	93.4	92.8	92.1	91.2	90.1	88.8	87.3	85.6	83.7	81.5	79.2
20°	107.4	106.5	105.5	104.4	103.1	101.7	100.0	98.1	95.8	93.4	90.7
22.5°	121.3	119.8	118.3	116.8	115.5	113.9	112.2	110.4	108.5	105.6	102.5
25°	133.3	131.4	129.5	127.6	125.8	124.3	122.8	121.5	119.4	117.1	115.2
27.5°	146.5	143.2	139.8	136.9	134.7	132.7	131.1	129.5	128.5	127.2	124.8
30°	161.9	156.5	151.5	147.3	143.6	139.9	137.8	136.0	136.0	137.2	138.2
32.5°	181.5	172.5	165.4	159.2	153.1	148.5	147.3	146.8	147.6	148.2	149.2
35°	205.8	193.9	183.7	173.4	167.0	164.4	161.3	160.5	159.5	159.7	160.2
37.5°	233.9	219.3	205.1	197.3	190.3	183.6	179.1	175.3	172.9	171.6	171.4
40°	269.2	251.1	238.3	227.6	217.3	207.7	199.7	192.7	188.0	184.6	183.1
42.5°	312.8	295.5	278.2	263.3	249.1	235.7	223.0	213.7	204.9	199.4	195.7
45°	368.7	344.4	323.3	302.4	284.0	266.3	251.2	236.0	225.4	215.8	209.4
47.5°	426.3	398.7	371.5	345.1	322.0	300.3	280.7	263.4	246.8	234.8	225.2
50°	484.9	452.5	421.0	390.9	362.7	336.0	312.3	291.1	272.3	255.1	241.8
52.5°	550.2	509.0	470.3	435.9	403.3	373.4	345.0	320.4	299.1	277.7	267.7
55°	612.6	566.6	522.4	480.3	443.6	409.5	377.8	350.5	331.5	315.5	303.3
57.5°	674.4	620.8	572.4	526.3	483.2	445.3	416.0	390.3	368.2	351.2	338.4
60°	734.3	673.8	618.5	568.9	526.8	488.5	454.8	427.1	404.2	385.7	371.7
62.5°	797.9	723.0	664.9	616.8	572.6	529.2	492.7	462.3	437.7	417.7	403.0
65°	855.6	782.2	713.0	661.4	615.2	570.5	528.2	494.0	468.7	448.8	433.8
67.5°	910.9	835.3	763.0	701.7	653.2	608.6	562.5	525.8	498.3	477.8	462.6
70°	955.0	880.7	807.1	737.4	686.9	642.1	596.8	555.0	524.8	504.3	489.5
72.5°	995.1	919.0	840.8	770.8	715.0	671.3	628.1	582.7	549.2	529.2	514.9
75°	1023.4	954.1	869.8	795.6	737.2	696.2	652.0	603.4	569.3	549.1	536.6
77.5°	1046.6	983.3	894.8	818.1	756.9	708.3	662.7	617.4	584.0	566.5	556.6
80°	1063.6	1002.2	921.9	838.7	771.9	718.9	671.3	627.1	595.1	581.7	575.2
82.5°	1079.8	1018.6	942.2	854.9	783.3	727.9	677.7	633.1	603.2	595.2	592.7
85°	1091.1	1031.2	955.7	866.4	791.1	735.1	681.9	636.2	609.2	607.4	609.4
87.5°	1097.5	1042.1	965.6	875.5	797.1	741.4	685.0	637.5	613.9	618.9	625.6
90°	1098.9	1041.9	962.9	874.9	796.7	742.1	683.5	636.2	618.3	630.5	641.9
92.5°	1097.5	1042.1	965.6	875.5	797.1	741.4	685.0	637.5	613.9	618.9	625.6
95°	1091.1	1031.2	955.7	866.4	791.1	735.1	681.9	636.2	609.2	607.4	609.4
97.5°	1079.8	1018.6	942.2	854.9	783.3	727.9	677.7	633.1	603.2	595.2	592.7
100°	1063.6	1002.2	921.9	838.7	771.9	718.9	671.3	627.1	595.1	581.7	575.2
102.5°	1046.6	983.3	894.8	818.1	756.9	708.3	662.7	617.4	584.0	566.5	556.6
105°	1023.4	954.1	869.8	795.6	737.2	696.2	652.0	603.4	569.3	549.1	536.6
107.5°	995.1	919.0	840.8	770.8	715.0	671.3	628.1	582.7	549.2	529.2	514.9
110°	955.0	880.7	807.1	737.4	686.9	642.1	596.8	555.0	524.8	504.3	489.5



TEST NUMBER: P231914

CATALOG NUMBER: FVS4WM-2-LD4-40-2STD-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°	910.9	835.3	763.0	701.7	653.2	608.6	562.5	525.8	498.3	477.8	462.6
115°	855.6	782.2	713.0	661.4	615.2	570.5	528.2	494.0	468.7	448.8	433.8
117.5°	797.9	723.0	664.9	616.8	572.6	529.2	492.7	462.3	437.7	417.7	403.0
120°	734.3	673.8	618.5	568.9	526.8	488.5	454.8	427.1	404.2	385.7	371.7
122.5°	674.4	620.8	572.4	526.3	483.2	445.3	416.0	390.3	368.2	351.2	338.4
125°	612.6	566.6	522.4	480.3	443.6	409.5	377.8	350.5	331.5	315.5	303.3
127.5°	550.2	509.0	470.3	435.9	403.3	373.4	345.0	320.4	299.1	277.7	267.7
130°	484.9	452.5	421.0	390.9	362.7	336.0	312.3	291.1	272.3	255.1	241.8
132.5°	426.3	398.7	371.5	345.1	322.0	300.3	280.7	263.4	246.8	234.8	225.2
135°	368.7	344.4	323.3	302.4	284.0	266.3	251.2	236.0	225.4	215.8	209.4
137.5°	312.8	295.5	278.2	263.3	249.1	235.7	223.0	213.7	204.9	199.4	195.7
140°	269.2	251.1	238.3	227.6	217.3	207.7	199.7	192.7	188.0	184.6	183.1
142.5°	233.9	219.3	205.1	197.3	190.3	183.6	179.1	175.3	172.9	171.6	171.4
145°	205.8	193.9	183.7	173.4	167.0	164.4	161.3	160.5	159.5	159.7	160.2
147.5°	181.5	172.5	165.4	159.2	153.1	148.5	147.3	146.8	147.6	148.2	149.2
150°	161.9	156.5	151.5	147.3	143.6	139.9	137.8	136.0	136.0	137.2	138.2
152.5°	146.5	143.2	139.8	136.9	134.7	132.7	131.1	129.5	128.5	127.2	124.8
155°	133.3	131.4	129.5	127.6	125.8	124.3	122.8	121.5	119.4	117.1	115.2
157.5°	121.3	119.8	118.3	116.8	115.5	113.9	112.2	110.4	108.5	105.6	102.5
160°	107.4	106.5	105.5	104.4	103.1	101.7	100.0	98.1	95.8	93.4	90.7
162.5°	93.4	92.8	92.1	91.2	90.1	88.8	87.3	85.6	83.7	81.5	79.2
165°	80.2	79.8	79.2	78.4	77.4	76.3	75.0	73.5	71.9	69.9	67.7
167.5°	67.6	67.2	66.7	66.0	65.1	64.0	62.7	61.3	59.7	58.1	56.3
170°	54.8	54.3	53.7	53.0	52.2	51.3	50.3	49.4	48.3	47.2	45.9
172.5°	42.2	41.9	41.5	41.1	40.6	40.0	39.3	38.6	37.8	36.6	35.2
175°	29.3	28.8	28.3	27.7	27.0	26.4	25.6	24.8	23.9	23.0	22.1
177.5°	12.6	12.5	12.4	12.2	12.1	11.9	11.7	11.4	11.2	10.9	10.6
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: P231914

CATALOG NUMBER: FVS4WM-2-LD4-40-2STD-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°	10.2	9.9	9.5	9.2	8.8	8.4	7.9	7.5	7.0	6.6	6.1
5°	21.1	20.0	18.9	18.2	17.4	16.6	15.8	14.9	14.0	13.1	12.1
7.5°	33.7	32.1	30.5	28.9	27.1	25.4	23.6	22.2	20.8	19.5	18.1
10°	44.6	43.2	41.8	39.5	37.2	34.9	32.6	30.2	27.7	25.8	24.0
12.5°	54.5	52.7	50.8	48.7	46.6	44.1	41.2	38.3	35.4	32.3	29.8
15°	65.3	62.8	60.6	57.7	55.1	52.3	49.5	46.2	42.7	39.2	35.6
17.5°	77.0	73.7	70.5	67.2	63.9	60.6	57.1	53.6	49.8	45.8	41.8
20°	87.7	84.6	81.2	77.3	73.3	69.1	65.0	60.9	56.5	52.2	47.8
22.5°	99.2	95.5	91.6	87.5	83.0	78.2	73.2	68.3	63.3	58.3	53.6
25°	110.9	106.8	102.4	97.7	93.9	89.7	85.2	80.5	76.0	71.2	66.6
27.5°	123.6	121.1	117.6	113.9	109.9	105.6	100.8	95.7	90.7	85.6	80.4
30°	137.5	136.2	133.7	129.8	125.6	121.0	116.1	110.7	105.5	99.8	94.3
32.5°	150.1	149.6	148.2	145.3	141.0	136.2	131.1	125.5	119.6	113.8	108.0
35°	161.0	161.8	161.1	159.7	155.9	151.2	145.8	140.4	133.9	127.6	121.6
37.5°	171.9	172.6	173.3	172.2	171.0	165.6	160.3	154.3	147.9	141.2	135.1
40°	182.9	183.3	184.0	184.3	183.0	179.7	174.5	168.3	161.8	154.9	148.4
42.5°	194.0	194.1	194.6	195.3	194.8	193.6	188.2	182.2	175.4	168.4	161.5
45°	206.1	204.6	205.2	205.8	206.3	205.3	201.6	195.8	188.9	181.7	174.5
47.5°	218.0	216.1	215.6	216.4	216.9	218.0	218.3	213.6	206.7	198.4	189.4
50°	233.1	229.0	234.7	241.1	244.7	245.4	244.2	237.5	228.3	217.2	205.4
52.5°	262.9	264.5	270.7	275.9	277.7	274.7	270.6	262.5	250.9	236.7	222.1
55°	297.5	299.4	305.7	312.5	312.8	306.3	298.5	288.5	274.4	257.0	239.3
57.5°	331.3	331.5	339.9	348.8	348.6	340.2	327.7	315.3	298.7	278.0	257.0
60°	362.8	362.1	372.5	383.4	385.9	376.1	358.1	342.8	323.2	299.6	275.1
62.5°	394.4	393.5	403.0	417.4	424.3	413.9	390.1	370.7	348.3	321.7	293.6
65°	424.7	423.1	431.4	450.9	463.7	451.3	424.1	399.3	373.9	344.3	312.4
67.5°	452.9	451.0	458.3	482.8	498.2	488.5	459.2	428.6	399.8	367.1	331.4
70°	479.8	478.9	487.6	511.1	525.7	514.3	479.9	441.9	408.8	373.5	335.6
72.5°	504.9	502.3	508.3	522.8	532.4	520.4	485.5	445.0	410.8	375.4	337.3
75°	527.3	523.4	528.1	537.8	541.3	526.9	490.5	447.9	412.5	377.0	338.5
77.5°	549.1	544.2	548.0	555.3	551.9	533.7	494.9	450.5	413.8	378.2	339.4
80°	570.2	564.9	568.0	574.9	563.8	540.5	498.7	452.7	414.6	378.9	339.9
82.5°	590.9	585.5	588.2	595.9	576.5	547.1	501.8	454.5	415.0	379.3	341.1
85°	611.2	605.9	608.6	617.8	589.6	555.1	505.7	457.0	415.9	380.0	340.4
87.5°	631.2	626.3	629.1	640.3	603.0	559.4	506.2	457.0	414.8	379.0	339.6
90°	650.9	646.8	650.1	661.5	615.0	563.7	506.7	457.0	413.8	378.0	338.9
92.5°	631.2	626.3	629.1	640.3	603.0	559.4	506.2	457.0	414.8	379.0	339.6
95°	611.2	605.9	608.6	617.8	589.6	555.1	505.7	457.0	415.9	380.0	340.4
97.5°	590.9	585.5	588.2	595.9	576.5	547.1	501.8	454.5	415.0	379.3	341.1
100°	570.2	564.9	568.0	574.9	563.8	540.5	498.7	452.7	414.6	378.9	339.9
102.5°	549.1	544.2	548.0	555.3	551.9	533.7	494.9	450.5	413.8	378.2	339.4
105°	527.3	523.4	528.1	537.8	541.3	526.9	490.5	447.9	412.5	377.0	338.5
107.5°	504.9	502.3	508.3	522.8	532.4	520.4	485.5	445.0	410.8	375.4	337.3
110°	479.8	478.9	487.6	511.1	525.7	514.3	479.9	441.9	408.8	373.5	335.6



TEST NUMBER: P231914

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

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
112.5°	452.9	451.0	458.3	482.8	498.2	488.5	459.2	428.6	399.8	367.1	331.4
115°	424.7	423.1	431.4	450.9	463.7	451.3	424.1	399.3	373.9	344.3	312.4
117.5°	394.4	393.5	403.0	417.4	424.3	413.9	390.1	370.7	348.3	321.7	293.6
120°	362.8	362.1	372.5	383.4	385.9	376.1	358.1	342.8	323.2	299.6	275.1
122.5°	331.3	331.5	339.9	348.8	348.6	340.2	327.7	315.3	298.7	278.0	257.0
125°	297.5	299.4	305.7	312.5	312.8	306.3	298.5	288.5	274.4	257.0	239.3
127.5°	262.9	264.5	270.7	275.9	277.7	274.7	270.6	262.5	250.9	236.7	222.1
130°	233.1	229.0	234.7	241.1	244.7	245.4	244.2	237.5	228.3	217.2	205.4
132.5°	218.0	216.1	215.6	216.4	216.9	218.0	218.3	213.6	206.7	198.4	189.4
135°	206.1	204.6	205.2	205.8	206.3	205.3	201.6	195.8	188.9	181.7	174.5
137.5°	194.0	194.1	194.6	195.3	194.8	193.6	188.2	182.2	175.4	168.4	161.5
140°	182.9	183.3	184.0	184.3	183.0	179.7	174.5	168.3	161.8	154.9	148.4
142.5°	171.9	172.6	173.3	172.2	171.0	165.6	160.3	154.3	147.9	141.2	135.1
145°	161.0	161.8	161.1	159.7	155.9	151.2	145.8	140.4	133.9	127.6	121.6
147.5°	150.1	149.6	148.2	145.3	141.0	136.2	131.1	125.5	119.6	113.8	108.0
150°	137.5	136.2	133.7	129.8	125.6	121.0	116.1	110.7	105.5	99.8	94.3
152.5°	123.6	121.1	117.6	113.9	109.9	105.6	100.8	95.7	90.7	85.6	80.4
155°	110.9	106.8	102.4	97.7	93.9	89.7	85.2	80.5	76.0	71.2	66.6
157.5°	99.2	95.5	91.6	87.5	83.0	78.2	73.2	68.3	63.3	58.3	53.6
160°	87.7	84.6	81.2	77.3	73.3	69.1	65.0	60.9	56.5	52.2	47.8
162.5°	77.0	73.7	70.5	67.2	63.9	60.6	57.1	53.6	49.8	45.8	41.8
165°	65.3	62.8	60.6	57.7	55.1	52.3	49.5	46.2	42.7	39.2	35.6
167.5°	54.5	52.7	50.8	48.7	46.6	44.1	41.2	38.3	35.4	32.3	29.8
170°	44.6	43.2	41.8	39.5	37.2	34.9	32.6	30.2	27.7	25.8	24.0
172.5°	33.7	32.1	30.5	28.9	27.1	25.4	23.6	22.2	20.8	19.5	18.1
175°	21.1	20.0	18.9	18.2	17.4	16.6	15.8	14.9	14.0	13.1	12.1
177.5°	10.2	9.9	9.5	9.2	8.8	8.4	7.9	7.5	7.0	6.6	6.1
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: P231914

CATALOG NUMBER: FVS4WM-2-LD4-40-2STD-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°	5.6	5.1	4.6	4.1	4.1	4.0	4.0	4.0	3.9	3.8	3.8
5°	11.2	10.2	9.2	8.2	8.1	8.0	7.9	7.8	7.7	7.5	7.4
7.5°	16.7	15.2	13.7	12.2	12.1	11.9	11.7	11.5	11.3	11.0	10.7
10°	22.1	20.2	18.3	16.3	16.0	15.7	15.4	15.1	14.7	14.3	14.1
12.5°	27.5	25.2	22.8	20.4	20.0	19.5	19.0	18.5	18.1	17.8	17.5
15°	32.8	30.1	27.3	24.5	23.9	23.2	22.6	21.9	21.6	21.3	20.9
17.5°	38.1	35.0	31.8	28.5	27.7	26.9	26.0	25.5	25.1	24.7	24.2
20°	43.4	39.8	36.2	32.6	31.6	30.5	29.5	29.0	28.6	28.1	27.5
22.5°	48.8	44.6	40.7	36.7	35.4	34.1	33.0	32.5	32.0	31.4	30.7
25°	61.8	57.3	53.0	48.6	46.7	44.6	43.1	41.9	40.5	39.0	37.4
27.5°	75.4	70.2	65.4	60.4	58.0	55.3	53.5	51.8	49.9	48.0	45.9
30°	88.8	83.1	77.8	72.3	69.2	65.9	63.7	61.5	59.1	56.7	54.0
32.5°	102.2	96.2	90.2	84.1	80.3	76.5	73.8	71.0	68.0	64.9	61.7
35°	115.5	109.1	102.7	96.0	91.4	87.0	83.7	80.2	76.7	72.9	68.9
37.5°	128.7	122.1	115.1	107.8	102.4	97.4	93.4	89.3	85.3	80.5	76.0
40°	141.9	135.0	127.6	119.7	113.4	107.8	103.0	98.2	93.2	87.8	82.9
42.5°	154.9	147.8	140.0	131.5	124.3	118.0	112.7	106.9	101.0	95.0	89.5
45°	167.9	160.6	152.5	143.4	135.2	128.1	121.9	115.5	108.6	101.8	95.8
47.5°	180.7	171.7	162.0	151.5	141.6	133.3	126.1	119.1	112.0	105.7	99.7
50°	194.0	182.8	171.6	159.5	147.8	138.1	129.5	121.4	113.9	107.8	101.2
52.5°	207.7	194.2	181.2	167.6	153.9	142.7	132.9	123.8	115.8	109.9	103.1
55°	221.8	205.6	190.9	175.6	160.0	147.3	136.1	126.1	118.0	112.2	105.4
57.5°	236.3	217.2	200.6	183.7	166.0	151.7	139.1	128.5	120.4	114.6	108.0
60°	251.0	228.9	210.4	191.7	171.9	156.0	142.1	130.9	122.9	117.1	111.3
62.5°	266.1	240.7	220.2	199.8	177.8	160.3	145.0	133.3	125.5	119.9	114.5
65°	281.3	252.5	230.0	207.8	183.7	164.5	147.9	135.8	128.3	123.0	118.2
67.5°	296.7	264.4	239.8	215.9	189.5	168.6	150.7	138.3	131.1	126.3	122.2
70°	300.4	267.2	240.9	215.4	188.3	167.5	149.7	137.7	130.8	126.3	123.2
72.5°	302.9	269.7	241.9	215.0	187.1	166.3	148.5	136.8	129.7	125.2	122.2
75°	305.1	272.1	243.8	214.5	185.9	165.2	147.4	136.0	128.6	124.0	121.3
77.5°	307.1	274.5	244.4	214.1	184.8	164.2	146.5	135.2	127.6	122.9	120.5
80°	308.8	277.8	245.1	213.6	183.8	163.3	145.7	134.6	126.6	121.9	119.8
82.5°	311.1	279.6	245.7	213.2	182.7	162.5	144.9	134.0	125.6	120.9	119.1
85°	312.0	281.5	246.3	212.7	181.8	161.7	144.3	133.5	124.7	119.9	118.5
87.5°	312.8	283.3	247.0	212.3	180.9	161.1	143.8	133.1	123.8	119.0	117.9
90°	313.6	285.1	247.6	211.8	180.0	160.5	143.4	132.8	123.0	118.1	117.3
92.5°	312.8	283.3	247.0	212.3	180.9	161.1	143.8	133.1	123.8	119.0	117.9
95°	312.0	281.5	246.3	212.7	181.8	161.7	144.3	133.5	124.7	119.9	118.5
97.5°	311.1	279.6	245.7	213.2	182.7	162.5	144.9	134.0	125.6	120.9	119.1
100°	308.8	277.8	245.1	213.6	183.8	163.3	145.7	134.6	126.6	121.9	119.8
102.5°	307.1	274.5	244.4	214.1	184.8	164.2	146.5	135.2	127.6	122.9	120.5
105°	305.1	272.1	243.8	214.5	185.9	165.2	147.4	136.0	128.6	124.0	121.3
107.5°	302.9	269.7	241.9	215.0	187.1	166.3	148.5	136.8	129.7	125.2	122.2
110°	300.4	267.2	240.9	215.4	188.3	167.5	149.7	137.7	130.8	126.3	123.2



TEST NUMBER: P231914

CATALOG NUMBER: FVS4WM-2-LD4-40-2STD-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°	296.7	264.4	239.8	215.9	189.5	168.6	150.7	138.3	131.1	126.3	122.2
115°	281.3	252.5	230.0	207.8	183.7	164.5	147.9	135.8	128.3	123.0	118.2
117.5°	266.1	240.7	220.2	199.8	177.8	160.3	145.0	133.3	125.5	119.9	114.5
120°	251.0	228.9	210.4	191.7	171.9	156.0	142.1	130.9	122.9	117.1	111.3
122.5°	236.3	217.2	200.6	183.7	166.0	151.7	139.1	128.5	120.4	114.6	108.0
125°	221.8	205.6	190.9	175.6	160.0	147.3	136.1	126.1	118.0	112.2	105.4
127.5°	207.7	194.2	181.2	167.6	153.9	142.7	132.9	123.8	115.8	109.9	103.1
130°	194.0	182.8	171.6	159.5	147.8	138.1	129.5	121.4	113.9	107.8	101.2
132.5°	180.7	171.7	162.0	151.5	141.6	133.3	126.1	119.1	112.0	105.7	99.7
135°	167.9	160.6	152.5	143.4	135.2	128.1	121.9	115.5	108.6	101.8	95.8
137.5°	154.9	147.8	140.0	131.5	124.3	118.0	112.7	106.9	101.0	95.0	89.5
140°	141.9	135.0	127.6	119.7	113.4	107.8	103.0	98.2	93.2	87.8	82.9
142.5°	128.7	122.1	115.1	107.8	102.4	97.4	93.4	89.3	85.3	80.5	76.0
145°	115.5	109.1	102.7	96.0	91.4	87.0	83.7	80.2	76.7	72.9	68.9
147.5°	102.2	96.2	90.2	84.1	80.3	76.5	73.8	71.0	68.0	64.9	61.7
150°	88.8	83.1	77.8	72.3	69.2	65.9	63.7	61.5	59.1	56.7	54.0
152.5°	75.4	70.2	65.4	60.4	58.0	55.3	53.5	51.8	49.9	48.0	45.9
155°	61.8	57.3	53.0	48.6	46.7	44.6	43.1	41.9	40.5	39.0	37.4
157.5°	48.8	44.6	40.7	36.7	35.4	34.1	33.0	32.5	32.0	31.4	30.7
160°	43.4	39.8	36.2	32.6	31.6	30.5	29.5	29.0	28.6	28.1	27.5
162.5°	38.1	35.0	31.8	28.5	27.7	26.9	26.0	25.5	25.1	24.7	24.2
165°	32.8	30.1	27.3	24.5	23.9	23.2	22.6	21.9	21.6	21.3	20.9
167.5°	27.5	25.2	22.8	20.4	20.0	19.5	19.0	18.5	18.1	17.8	17.5
170°	22.1	20.2	18.3	16.3	16.0	15.7	15.4	15.1	14.7	14.3	14.1
172.5°	16.7	15.2	13.7	12.2	12.1	11.9	11.7	11.5	11.3	11.0	10.7
175°	11.2	10.2	9.2	8.2	8.1	8.0	7.9	7.8	7.7	7.5	7.4
177.5°	5.6	5.1	4.6	4.1	4.1	4.0	4.0	4.0	3.9	3.8	3.8
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P231914

CATALOG NUMBER: FVS4WM-2-LD4-40-2STD-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°	3.7	3.6	3.6	3.5	3.4	3.3	3.2	3.1	2.9	2.8	2.7
5°	7.2	7.0	6.8	6.6	6.4	6.3	6.1	5.9	5.7	5.4	5.2
7.5°	10.5	10.3	10.0	9.8	9.5	9.3	9.0	8.7	8.4	8.0	7.7
10°	13.8	13.6	13.3	12.9	12.6	12.2	11.8	11.4	11.0	10.5	10.1
12.5°	17.2	16.8	16.4	16.0	15.6	15.1	14.6	14.1	13.6	13.0	12.4
15°	20.5	20.0	19.5	19.0	18.5	17.9	17.3	16.7	16.1	15.4	14.7
17.5°	23.7	23.2	22.6	22.0	21.3	20.7	20.0	19.2	18.5	17.7	16.9
20°	26.9	26.3	25.6	24.9	24.1	23.4	22.5	21.7	20.8	19.9	19.0
22.5°	30.1	29.3	28.6	27.7	26.9	26.0	25.0	24.1	23.1	22.1	21.1
25°	35.7	34.0	32.3	30.5	29.5	28.5	27.5	26.5	25.4	24.3	23.1
27.5°	43.8	41.6	39.4	37.3	35.0	32.8	30.7	28.8	27.6	26.4	25.1
30°	51.3	48.7	46.2	43.4	40.6	37.9	35.5	33.1	30.9	28.9	26.9
32.5°	58.5	55.5	52.2	48.7	45.4	42.3	39.4	36.8	34.3	31.7	29.2
35°	65.4	61.7	57.5	53.4	49.5	46.0	42.8	39.8	36.8	34.0	31.6
37.5°	71.9	67.1	62.1	57.4	53.0	49.2	45.6	42.2	39.0	36.2	33.6
40°	78.0	72.0	66.3	60.9	56.2	51.9	48.0	44.3	40.9	37.9	35.2
42.5°	83.2	76.3	69.9	64.1	58.9	54.4	50.1	46.0	42.5	39.4	36.7
45°	88.0	80.3	73.1	67.0	61.4	56.5	51.8	47.6	44.0	40.9	38.0
47.5°	91.6	83.8	76.2	69.4	63.8	58.4	53.2	49.1	45.4	42.1	38.9
50°	93.4	85.9	78.8	72.2	66.2	59.9	54.8	50.4	46.7	43.1	39.6
52.5°	95.8	88.6	81.6	75.3	69.0	62.9	57.8	52.8	47.8	43.8	40.1
55°	98.6	91.7	84.8	78.5	72.2	66.7	61.9	57.0	51.5	46.0	40.6
57.5°	101.8	95.1	88.3	81.9	75.5	71.0	66.4	61.1	55.2	49.1	43.4
60°	105.4	98.6	92.0	85.6	79.9	75.7	71.2	65.1	58.5	52.1	46.0
62.5°	109.3	102.4	95.8	89.4	84.7	80.7	75.7	69.0	61.7	54.9	48.4
65°	113.2	106.4	99.8	93.5	89.8	85.9	80.0	72.5	64.8	57.6	50.6
67.5°	117.3	110.6	104.0	98.2	95.1	91.4	84.3	76.0	67.9	60.1	52.7
70°	118.9	113.1	107.4	103.1	100.6	96.6	88.6	79.4	71.0	62.4	54.9
72.5°	118.0	112.8	107.4	103.7	101.4	97.4	90.2	81.9	73.9	64.7	57.0
75°	117.5	112.7	107.7	104.3	101.5	96.8	89.7	81.7	73.4	65.2	58.1
77.5°	117.1	112.8	108.2	104.8	101.6	96.5	89.6	81.8	73.2	65.3	58.5
80°	116.9	113.1	108.8	105.2	101.7	96.5	90.0	82.1	73.4	65.8	59.2
82.5°	116.9	113.6	109.5	105.7	101.8	96.7	90.7	82.8	73.9	66.6	60.3
85°	117.0	114.2	110.4	106.3	102.0	97.2	91.7	83.7	74.7	67.8	61.6
87.5°	117.1	114.9	111.3	106.8	102.2	97.8	93.0	84.8	75.9	69.2	63.3
90°	117.3	115.7	112.4	107.5	102.6	98.6	94.5	86.3	77.4	70.9	65.2
92.5°	117.1	114.9	111.3	106.8	102.2	97.8	93.0	84.8	75.9	69.2	63.3
95°	117.0	114.2	110.4	106.3	102.0	97.2	91.7	83.7	74.7	67.8	61.6
97.5°	116.9	113.6	109.5	105.7	101.8	96.7	90.7	82.8	73.9	66.6	60.3
100°	116.9	113.1	108.8	105.2	101.7	96.5	90.0	82.1	73.4	65.8	59.2
102.5°	117.1	112.8	108.2	104.8	101.6	96.5	89.6	81.8	73.2	65.3	58.5
105°	117.5	112.7	107.7	104.3	101.5	96.8	89.7	81.7	73.4	65.2	58.1
107.5°	118.0	112.8	107.4	103.7	101.4	97.4	90.2	81.9	73.9	64.7	57.0
110°	118.9	113.1	107.4	103.1	100.6	96.6	88.6	79.4	71.0	62.4	54.9



TEST NUMBER: P231914

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

CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
112.5°	117.3	110.6	104.0	98.2	95.1	91.4	84.3	76.0	67.9	60.1	52.7
115°	113.2	106.4	99.8	93.5	89.8	85.9	80.0	72.5	64.8	57.6	50.6
117.5°	109.3	102.4	95.8	89.4	84.7	80.7	75.7	69.0	61.7	54.9	48.4
120°	105.4	98.6	92.0	85.6	79.9	75.7	71.2	65.1	58.5	52.1	46.0
122.5°	101.8	95.1	88.3	81.9	75.5	71.0	66.4	61.1	55.2	49.1	43.4
125°	98.6	91.7	84.8	78.5	72.2	66.7	61.9	57.0	51.5	46.0	40.6
127.5°	95.8	88.6	81.6	75.3	69.0	62.9	57.8	52.8	47.8	43.8	40.1
130°	93.4	85.9	78.8	72.2	66.2	59.9	54.8	50.4	46.7	43.1	39.6
132.5°	91.6	83.8	76.2	69.4	63.8	58.4	53.2	49.1	45.4	42.1	38.9
135°	88.0	80.3	73.1	67.0	61.4	56.5	51.8	47.6	44.0	40.9	38.0
137.5°	83.2	76.3	69.9	64.1	58.9	54.4	50.1	46.0	42.5	39.4	36.7
140°	78.0	72.0	66.3	60.9	56.2	51.9	48.0	44.3	40.9	37.9	35.2
142.5°	71.9	67.1	62.1	57.4	53.0	49.2	45.6	42.2	39.0	36.2	33.6
145°	65.4	61.7	57.5	53.4	49.5	46.0	42.8	39.8	36.8	34.0	31.6
147.5°	58.5	55.5	52.2	48.7	45.4	42.3	39.4	36.8	34.3	31.7	29.2
150°	51.3	48.7	46.2	43.4	40.6	37.9	35.5	33.1	30.9	28.9	26.9
152.5°	43.8	41.6	39.4	37.3	35.0	32.8	30.7	28.8	27.6	26.4	25.1
155°	35.7	34.0	32.3	30.5	29.5	28.5	27.5	26.5	25.4	24.3	23.1
157.5°	30.1	29.3	28.6	27.7	26.9	26.0	25.0	24.1	23.1	22.1	21.1
160°	26.9	26.3	25.6	24.9	24.1	23.4	22.5	21.7	20.8	19.9	19.0
162.5°	23.7	23.2	22.6	22.0	21.3	20.7	20.0	19.2	18.5	17.7	16.9
165°	20.5	20.0	19.5	19.0	18.5	17.9	17.3	16.7	16.1	15.4	14.7
167.5°	17.2	16.8	16.4	16.0	15.6	15.1	14.6	14.1	13.6	13.0	12.4
170°	13.8	13.6	13.3	12.9	12.6	12.2	11.8	11.4	11.0	10.5	10.1
172.5°	10.5	10.3	10.0	9.8	9.5	9.3	9.0	8.7	8.4	8.0	7.7
175°	7.2	7.0	6.8	6.6	6.4	6.3	6.1	5.9	5.7	5.4	5.2
177.5°	3.7	3.6	3.6	3.5	3.4	3.3	3.2	3.1	2.9	2.8	2.7
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P231914

CATALOG NUMBER: FVS4WM-2-LD4-40-2STD-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°	2.6	2.4	2.3	2.2	2.0	1.9	1.7	1.6	1.4	1.3	1.1
5°	5.0	4.7	4.5	4.2	3.9	3.7	3.4	3.1	2.8	2.5	2.2
7.5°	7.3	7.0	6.6	6.2	5.8	5.4	5.0	4.5	4.1	3.7	3.2
10°	9.6	9.1	8.6	8.1	7.6	7.0	6.5	5.9	5.4	4.8	4.2
12.5°	11.8	11.2	10.6	10.0	9.3	8.6	8.0	7.3	6.6	5.9	5.1
15°	14.0	13.2	12.5	11.7	10.9	10.2	9.4	8.5	7.7	6.9	6.0
17.5°	16.0	15.2	14.3	13.5	12.6	11.7	10.7	9.8	8.8	7.9	6.9
20°	18.1	17.1	16.1	15.1	14.1	13.1	12.1	11.0	9.9	8.9	7.8
22.5°	20.0	19.0	17.9	16.8	15.7	14.5	13.4	12.1	10.9	9.7	8.5
25°	22.0	20.8	19.6	18.3	17.0	15.6	14.3	12.9	11.7	10.4	9.1
27.5°	23.9	22.4	20.9	19.4	18.0	16.7	15.4	14.0	12.6	11.2	9.8
30°	25.2	23.6	22.2	20.8	19.4	17.9	16.5	15.0	13.5	12.0	10.5
32.5°	27.1	25.3	23.8	22.2	20.7	19.1	17.6	16.0	14.4	12.8	11.2
35°	29.4	27.3	25.3	23.6	21.9	20.3	18.6	17.0	15.3	13.6	11.9
37.5°	31.2	29.0	27.0	25.0	23.2	21.5	19.7	18.0	16.2	14.4	12.6
40°	32.8	30.5	28.3	26.3	24.4	22.6	20.8	18.9	17.0	15.2	13.3
42.5°	34.1	31.7	29.4	27.2	25.2	23.4	21.7	19.9	17.9	15.9	13.9
45°	35.2	32.5	30.1	27.8	25.7	23.9	22.2	20.7	18.5	16.2	14.0
47.5°	35.9	33.1	30.5	28.1	26.0	24.1	22.2	20.3	18.5	16.2	14.0
50°	36.4	33.3	30.6	28.2	26.0	23.8	21.7	19.8	18.0	16.5	14.4
52.5°	36.6	33.3	30.6	28.1	25.6	23.4	21.3	19.7	18.2	16.5	14.5
55°	36.5	33.4	30.4	27.6	25.3	23.1	21.5	19.7	17.7	15.9	14.1
57.5°	38.1	33.4	30.1	27.5	25.2	23.4	21.4	19.2	17.4	15.5	13.8
60°	40.5	35.4	31.1	27.5	25.6	23.3	21.0	19.3	17.5	15.7	13.8
62.5°	42.5	37.3	32.9	29.3	25.9	23.1	21.5	19.7	17.7	15.6	13.4
65°	44.5	39.2	34.6	30.7	26.8	24.3	22.0	19.9	17.8	15.3	12.9
67.5°	46.4	40.9	36.0	31.7	28.2	25.3	22.7	20.2	17.6	14.9	12.3
70°	48.3	42.4	37.2	32.8	29.2	26.0	23.0	20.1	17.2	14.6	11.8
72.5°	50.2	43.7	38.4	33.9	29.9	26.4	23.0	19.5	16.5	13.9	11.2
75°	51.5	45.0	39.7	34.7	30.6	26.7	22.6	18.8	15.6	12.7	9.8
77.5°	51.9	45.7	40.4	35.4	31.1	26.8	22.0	18.2	14.7	11.3	8.2
80°	52.6	46.6	41.0	35.8	31.2	26.4	21.7	17.6	13.7	9.9	6.6
82.5°	53.7	47.6	41.7	36.3	31.4	26.2	21.5	17.1	12.7	8.7	5.2
85°	55.0	48.8	42.7	37.0	31.7	26.3	21.6	16.7	11.9	7.5	4.2
87.5°	56.7	50.3	44.0	37.9	32.4	26.8	22.0	16.7	11.4	6.8	3.5
90°	58.7	52.1	45.6	39.1	33.4	27.7	22.8	17.1	11.4	6.5	3.3
92.5°	56.7	50.3	44.0	37.9	32.4	26.8	22.0	16.7	11.4	6.8	3.5
95°	55.0	48.8	42.7	37.0	31.7	26.3	21.6	16.7	11.9	7.5	4.2
97.5°	53.7	47.6	41.7	36.3	31.4	26.2	21.5	17.1	12.7	8.7	5.2
100°	52.6	46.6	41.0	35.8	31.2	26.4	21.7	17.6	13.7	9.9	6.6
102.5°	51.9	45.7	40.4	35.4	31.1	26.8	22.0	18.2	14.7	11.3	8.2
105°	51.5	45.0	39.7	34.7	30.6	26.7	22.6	18.8	15.6	12.7	9.8
107.5°	50.2	43.7	38.4	33.9	29.9	26.4	23.0	19.5	16.5	13.9	11.2
110°	48.3	42.4	37.2	32.8	29.2	26.0	23.0	20.1	17.2	14.6	11.8



TEST NUMBER: P231914

CATALOG NUMBER: FVS4WM-2-LD4-40-2STD-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°	46.4	40.9	36.0	31.7	28.2	25.3	22.7	20.2	17.6	14.9	12.3
115°	44.5	39.2	34.6	30.7	26.8	24.3	22.0	19.9	17.8	15.3	12.9
117.5°	42.5	37.3	32.9	29.3	25.9	23.1	21.5	19.7	17.7	15.6	13.4
120°	40.5	35.4	31.1	27.5	25.6	23.3	21.0	19.3	17.5	15.7	13.8
122.5°	38.1	33.4	30.1	27.5	25.2	23.4	21.4	19.2	17.4	15.5	13.8
125°	36.5	33.4	30.4	27.6	25.3	23.1	21.5	19.7	17.7	15.9	14.1
127.5°	36.6	33.3	30.6	28.1	25.6	23.4	21.3	19.7	18.2	16.5	14.5
130°	36.4	33.3	30.6	28.2	26.0	23.8	21.7	19.8	18.0	16.5	14.4
132.5°	35.9	33.1	30.5	28.1	26.0	24.1	22.2	20.3	18.5	16.2	14.0
135°	35.2	32.5	30.1	27.8	25.7	23.9	22.2	20.7	18.5	16.2	14.0
137.5°	34.1	31.7	29.4	27.2	25.2	23.4	21.7	19.9	17.9	15.9	13.9
140°	32.8	30.5	28.3	26.3	24.4	22.6	20.8	18.9	17.0	15.2	13.3
142.5°	31.2	29.0	27.0	25.0	23.2	21.5	19.7	18.0	16.2	14.4	12.6
145°	29.4	27.3	25.3	23.6	21.9	20.3	18.6	17.0	15.3	13.6	11.9
147.5°	27.1	25.3	23.8	22.2	20.7	19.1	17.6	16.0	14.4	12.8	11.2
150°	25.2	23.6	22.2	20.8	19.4	17.9	16.5	15.0	13.5	12.0	10.5
152.5°	23.9	22.4	20.9	19.4	18.0	16.7	15.4	14.0	12.6	11.2	9.8
155°	22.0	20.8	19.6	18.3	17.0	15.6	14.3	12.9	11.7	10.4	9.1
157.5°	20.0	19.0	17.9	16.8	15.7	14.5	13.4	12.1	10.9	9.7	8.5
160°	18.1	17.1	16.1	15.1	14.1	13.1	12.1	11.0	9.9	8.9	7.8
162.5°	16.0	15.2	14.3	13.5	12.6	11.7	10.7	9.8	8.8	7.9	6.9
165°	14.0	13.2	12.5	11.7	10.9	10.2	9.4	8.5	7.7	6.9	6.0
167.5°	11.8	11.2	10.6	10.0	9.3	8.6	8.0	7.3	6.6	5.9	5.1
170°	9.6	9.1	8.6	8.1	7.6	7.0	6.5	5.9	5.4	4.8	4.2
172.5°	7.3	7.0	6.6	6.2	5.8	5.4	5.0	4.5	4.1	3.7	3.2
175°	5.0	4.7	4.5	4.2	3.9	3.7	3.4	3.1	2.8	2.5	2.2
177.5°	2.6	2.4	2.3	2.2	2.0	1.9	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: P231914

CATALOG NUMBER: FVS4WM-2-LD4-40-2STD-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°	1.0	0.8	0.6	0.5	0.3	0.2	0.0	0.2	0.3	0.5	0.6
5°	1.9	1.6	1.3	0.9	0.6	0.3	0.0	0.3	0.6	0.9	1.3
7.5°	2.8	2.3	1.9	1.4	0.9	0.5	0.0	0.5	0.9	1.4	1.9
10°	3.6	3.0	2.4	1.8	1.2	0.6	0.0	0.6	1.2	1.8	2.4
12.5°	4.4	3.7	3.0	2.2	1.5	0.7	0.0	0.7	1.5	2.2	3.0
15°	5.2	4.3	3.5	2.6	1.7	0.9	0.0	0.9	1.7	2.6	3.5
17.5°	6.0	5.0	4.0	3.0	2.0	1.0	0.0	1.0	2.0	3.0	4.0
20°	6.7	5.6	4.5	3.4	2.2	1.1	0.0	1.1	2.2	3.4	4.5
22.5°	7.2	6.0	4.8	3.6	2.4	1.2	0.0	1.2	2.4	3.6	4.8
25°	7.8	6.5	5.2	3.9	2.6	1.3	0.0	1.3	2.6	3.9	5.2
27.5°	8.4	7.0	5.6	4.2	2.8	1.4	0.0	1.4	2.8	4.2	5.6
30°	9.0	7.6	6.0	4.5	3.0	1.5	0.0	1.5	3.0	4.5	6.0
32.5°	9.7	8.1	6.4	4.8	3.2	1.6	0.0	1.6	3.2	4.8	6.4
35°	10.2	8.5	6.8	5.1	3.4	1.7	0.0	1.7	3.4	5.1	6.8
37.5°	10.8	9.0	7.2	5.4	3.6	1.8	0.0	1.8	3.6	5.4	7.2
40°	11.4	9.5	7.6	5.7	3.8	1.9	0.0	1.9	3.8	5.7	7.6
42.5°	11.8	9.7	7.7	5.8	3.8	1.9	0.0	1.9	3.8	5.8	7.7
45°	11.8	9.7	7.7	5.8	3.8	1.9	0.0	1.9	3.8	5.8	7.7
47.5°	11.9	9.9	7.9	5.9	4.0	2.0	0.0	2.0	4.0	5.9	7.9
50°	12.3	10.1	8.0	5.9	3.9	1.9	0.0	1.9	3.9	5.9	8.0
52.5°	12.2	9.9	7.8	5.8	3.8	1.9	0.0	1.9	3.8	5.8	7.8
55°	11.8	9.8	7.8	5.8	3.9	1.9	0.0	1.9	3.9	5.8	7.8
57.5°	12.1	10.0	7.9	6.0	4.2	2.5	0.8	2.5	4.2	6.0	7.9
60°	11.7	9.6	7.6	5.7	4.0	2.4	0.8	2.4	4.0	5.7	7.6
62.5°	11.1	9.0	7.0	5.3	3.7	2.2	0.8	2.2	3.7	5.3	7.0
65°	10.5	8.3	6.1	4.3	2.9	1.8	0.8	1.8	2.9	4.3	6.1
67.5°	9.8	7.1	4.7	3.3	2.3	1.5	0.8	1.5	2.3	3.3	4.7
70°	8.9	6.2	3.9	2.3	1.5	1.1	0.8	1.1	1.5	2.3	3.9
72.5°	8.0	5.4	3.0	1.3	0.9	0.8	0.8	0.8	0.9	1.3	3.0
75°	7.4	4.7	2.6	1.2	0.8	0.8	0.8	0.8	0.8	1.2	2.6
77.5°	5.9	4.1	2.0	0.9	0.3	0.1	0.0	0.1	0.3	0.9	2.0
80°	4.2	2.2	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0
82.5°	2.5	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°	2.5	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	4.2	2.2	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0
102.5°	5.9	4.1	2.0	0.9	0.3	0.1	0.0	0.1	0.3	0.9	2.0
105°	7.4	4.7	2.6	1.2	0.8	0.8	0.8	0.8	0.8	1.2	2.6
107.5°	8.0	5.4	3.0	1.3	0.9	0.8	0.8	0.8	0.9	1.3	3.0
110°	8.9	6.2	3.9	2.3	1.5	1.1	0.8	1.1	1.5	2.3	3.9



TEST NUMBER: P231914

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

CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
112.5°	9.8	7.1	4.7	3.3	2.3	1.5	0.8	1.5	2.3	3.3	4.7
115°	10.5	8.3	6.1	4.3	2.9	1.8	0.8	1.8	2.9	4.3	6.1
117.5°	11.1	9.0	7.0	5.3	3.7	2.2	0.8	2.2	3.7	5.3	7.0
120°	11.7	9.6	7.6	5.7	4.0	2.4	0.8	2.4	4.0	5.7	7.6
122.5°	12.1	10.0	7.9	6.0	4.2	2.5	0.8	2.5	4.2	6.0	7.9
125°	11.8	9.8	7.8	5.8	3.9	1.9	0.0	1.9	3.9	5.8	7.8
127.5°	12.2	9.9	7.8	5.8	3.8	1.9	0.0	1.9	3.8	5.8	7.8
130°	12.3	10.1	8.0	5.9	3.9	1.9	0.0	1.9	3.9	5.9	8.0
132.5°	11.9	9.9	7.9	5.9	4.0	2.0	0.0	2.0	4.0	5.9	7.9
135°	11.8	9.7	7.7	5.8	3.8	1.9	0.0	1.9	3.8	5.8	7.7
137.5°	11.8	9.7	7.7	5.8	3.8	1.9	0.0	1.9	3.8	5.8	7.7
140°	11.4	9.5	7.6	5.7	3.8	1.9	0.0	1.9	3.8	5.7	7.6
142.5°	10.8	9.0	7.2	5.4	3.6	1.8	0.0	1.8	3.6	5.4	7.2
145°	10.2	8.5	6.8	5.1	3.4	1.7	0.0	1.7	3.4	5.1	6.8
147.5°	9.7	8.1	6.4	4.8	3.2	1.6	0.0	1.6	3.2	4.8	6.4
150°	9.0	7.6	6.0	4.5	3.0	1.5	0.0	1.5	3.0	4.5	6.0
152.5°	8.4	7.0	5.6	4.2	2.8	1.4	0.0	1.4	2.8	4.2	5.6
155°	7.8	6.5	5.2	3.9	2.6	1.3	0.0	1.3	2.6	3.9	5.2
157.5°	7.2	6.0	4.8	3.6	2.4	1.2	0.0	1.2	2.4	3.6	4.8
160°	6.7	5.6	4.5	3.4	2.2	1.1	0.0	1.1	2.2	3.4	4.5
162.5°	6.0	5.0	4.0	3.0	2.0	1.0	0.0	1.0	2.0	3.0	4.0
165°	5.2	4.3	3.5	2.6	1.7	0.9	0.0	0.9	1.7	2.6	3.5
167.5°	4.4	3.7	3.0	2.2	1.5	0.7	0.0	0.7	1.5	2.2	3.0
170°	3.6	3.0	2.4	1.8	1.2	0.6	0.0	0.6	1.2	1.8	2.4
172.5°	2.8	2.3	1.9	1.4	0.9	0.5	0.0	0.5	0.9	1.4	1.9
175°	1.9	1.6	1.3	0.9	0.6	0.3	0.0	0.3	0.6	0.9	1.3
177.5°	1.0	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: P231914

CATALOG NUMBER: FVS4WM-2-LD4-40-2STD-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	1.0	1.1	1.3	1.4	1.6	1.7	1.9	2.0	2.2	2.3
5°	1.6	1.9	2.2	2.5	2.8	3.1	3.4	3.7	3.9	4.2	4.5
7.5°	2.3	2.8	3.2	3.7	4.1	4.5	5.0	5.4	5.8	6.2	6.6
10°	3.0	3.6	4.2	4.8	5.4	5.9	6.5	7.0	7.6	8.1	8.6
12.5°	3.7	4.4	5.1	5.9	6.6	7.3	8.0	8.6	9.3	10.0	10.6
15°	4.3	5.2	6.0	6.9	7.7	8.5	9.4	10.2	10.9	11.7	12.5
17.5°	5.0	6.0	6.9	7.9	8.8	9.8	10.7	11.7	12.6	13.5	14.3
20°	5.6	6.7	7.8	8.9	9.9	11.0	12.1	13.1	14.1	15.1	16.1
22.5°	6.0	7.2	8.5	9.7	10.9	12.1	13.4	14.5	15.7	16.8	17.9
25°	6.5	7.8	9.1	10.4	11.7	12.9	14.3	15.6	17.0	18.3	19.6
27.5°	7.0	8.4	9.8	11.2	12.6	14.0	15.4	16.7	18.0	19.4	20.9
30°	7.6	9.0	10.5	12.0	13.5	15.0	16.5	17.9	19.4	20.8	22.2
32.5°	8.1	9.7	11.2	12.8	14.4	16.0	17.6	19.1	20.7	22.2	23.8
35°	8.5	10.2	11.9	13.6	15.3	17.0	18.6	20.3	21.9	23.6	25.3
37.5°	9.0	10.8	12.6	14.4	16.2	18.0	19.7	21.5	23.2	25.0	27.0
40°	9.5	11.4	13.3	15.2	17.0	18.9	20.8	22.6	24.4	26.3	28.3
42.5°	9.7	11.8	13.9	15.9	17.9	19.9	21.7	23.4	25.2	27.2	29.4
45°	9.7	11.8	14.0	16.2	18.5	20.7	22.2	23.9	25.7	27.8	30.1
47.5°	9.9	11.9	14.0	16.2	18.5	20.3	22.2	24.1	26.0	28.1	30.5
50°	10.1	12.3	14.4	16.5	18.0	19.8	21.7	23.8	26.0	28.2	30.6
52.5°	9.9	12.2	14.5	16.5	18.2	19.7	21.3	23.4	25.6	28.1	30.6
55°	9.8	11.8	14.1	15.9	17.7	19.7	21.5	23.1	25.3	27.6	30.4
57.5°	10.0	12.1	13.8	15.5	17.4	19.2	21.4	23.4	25.2	27.5	30.1
60°	9.6	11.7	13.8	15.7	17.5	19.3	21.0	23.3	25.6	27.5	31.1
62.5°	9.0	11.1	13.4	15.6	17.7	19.7	21.5	23.1	25.9	29.3	32.9
65°	8.3	10.5	12.9	15.3	17.8	19.9	22.0	24.3	26.8	30.7	34.6
67.5°	7.1	9.8	12.3	14.9	17.6	20.2	22.7	25.3	28.2	31.7	36.0
70°	6.2	8.9	11.8	14.6	17.2	20.1	23.0	26.0	29.2	32.8	37.2
72.5°	5.4	8.0	11.2	13.9	16.5	19.5	23.0	26.4	29.9	33.9	38.4
75°	4.7	7.4	9.8	12.7	15.6	18.8	22.6	26.7	30.6	34.7	39.7
77.5°	4.1	5.9	8.2	11.3	14.7	18.2	22.0	26.8	31.1	35.4	40.4
80°	2.2	4.2	6.6	9.9	13.7	17.6	21.7	26.4	31.2	35.8	41.0
82.5°	0.5	2.5	5.2	8.7	12.7	17.1	21.5	26.2	31.4	36.3	41.7
85°	0.0	1.0	4.2	7.5	11.9	16.7	21.6	26.3	31.7	37.0	42.7
87.5°	0.0	0.3	3.5	6.8	11.4	16.7	22.0	26.8	32.4	37.9	44.0
90°	0.0	0.0	3.3	6.5	11.4	17.1	22.8	27.7	33.4	39.1	45.6
92.5°	0.0	0.3	3.5	6.8	11.4	16.7	22.0	26.8	32.4	37.9	44.0
95°	0.0	1.0	4.2	7.5	11.9	16.7	21.6	26.3	31.7	37.0	42.7
97.5°	0.5	2.5	5.2	8.7	12.7	17.1	21.5	26.2	31.4	36.3	41.7
100°	2.2	4.2	6.6	9.9	13.7	17.6	21.7	26.4	31.2	35.8	41.0
102.5°	4.1	5.9	8.2	11.3	14.7	18.2	22.0	26.8	31.1	35.4	40.4
105°	4.7	7.4	9.8	12.7	15.6	18.8	22.6	26.7	30.6	34.7	39.7
107.5°	5.4	8.0	11.2	13.9	16.5	19.5	23.0	26.4	29.9	33.9	38.4
110°	6.2	8.9	11.8	14.6	17.2	20.1	23.0	26.0	29.2	32.8	37.2



TEST NUMBER: P231914

CATALOG NUMBER: FVS4WM-2-LD4-40-2STD-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°	7.1	9.8	12.3	14.9	17.6	20.2	22.7	25.3	28.2	31.7	36.0
115°	8.3	10.5	12.9	15.3	17.8	19.9	22.0	24.3	26.8	30.7	34.6
117.5°	9.0	11.1	13.4	15.6	17.7	19.7	21.5	23.1	25.9	29.3	32.9
120°	9.6	11.7	13.8	15.7	17.5	19.3	21.0	23.3	25.6	27.5	31.1
122.5°	10.0	12.1	13.8	15.5	17.4	19.2	21.4	23.4	25.2	27.5	30.1
125°	9.8	11.8	14.1	15.9	17.7	19.7	21.5	23.1	25.3	27.6	30.4
127.5°	9.9	12.2	14.5	16.5	18.2	19.7	21.3	23.4	25.6	28.1	30.6
130°	10.1	12.3	14.4	16.5	18.0	19.8	21.7	23.8	26.0	28.2	30.6
132.5°	9.9	11.9	14.0	16.2	18.5	20.3	22.2	24.1	26.0	28.1	30.5
135°	9.7	11.8	14.0	16.2	18.5	20.7	22.2	23.9	25.7	27.8	30.1
137.5°	9.7	11.8	13.9	15.9	17.9	19.9	21.7	23.4	25.2	27.2	29.4
140°	9.5	11.4	13.3	15.2	17.0	18.9	20.8	22.6	24.4	26.3	28.3
142.5°	9.0	10.8	12.6	14.4	16.2	18.0	19.7	21.5	23.2	25.0	27.0
145°	8.5	10.2	11.9	13.6	15.3	17.0	18.6	20.3	21.9	23.6	25.3
147.5°	8.1	9.7	11.2	12.8	14.4	16.0	17.6	19.1	20.7	22.2	23.8
150°	7.6	9.0	10.5	12.0	13.5	15.0	16.5	17.9	19.4	20.8	22.2
152.5°	7.0	8.4	9.8	11.2	12.6	14.0	15.4	16.7	18.0	19.4	20.9
155°	6.5	7.8	9.1	10.4	11.7	12.9	14.3	15.6	17.0	18.3	19.6
157.5°	6.0	7.2	8.5	9.7	10.9	12.1	13.4	14.5	15.7	16.8	17.9
160°	5.6	6.7	7.8	8.9	9.9	11.0	12.1	13.1	14.1	15.1	16.1
162.5°	5.0	6.0	6.9	7.9	8.8	9.8	10.7	11.7	12.6	13.5	14.3
165°	4.3	5.2	6.0	6.9	7.7	8.5	9.4	10.2	10.9	11.7	12.5
167.5°	3.7	4.4	5.1	5.9	6.6	7.3	8.0	8.6	9.3	10.0	10.6
170°	3.0	3.6	4.2	4.8	5.4	5.9	6.5	7.0	7.6	8.1	8.6
172.5°	2.3	2.8	3.2	3.7	4.1	4.5	5.0	5.4	5.8	6.2	6.6
175°	1.6	1.9	2.2	2.5	2.8	3.1	3.4	3.7	3.9	4.2	4.5
177.5°	0.8	1.0	1.1	1.3	1.4	1.6	1.7	1.9	2.0	2.2	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: P231914

CATALOG NUMBER: FVS4WM-2-LD4-40-2STD-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	2.6	2.7	2.8	2.9	3.1	3.2	3.3	3.4	3.5	3.6
5°	4.7	5.0	5.2	5.4	5.7	5.9	6.1	6.3	6.4	6.6	6.8
7.5°	7.0	7.3	7.7	8.0	8.4	8.7	9.0	9.3	9.5	9.8	10.0
10°	9.1	9.6	10.1	10.5	11.0	11.4	11.8	12.2	12.6	12.9	13.3
12.5°	11.2	11.8	12.4	13.0	13.6	14.1	14.6	15.1	15.6	16.0	16.4
15°	13.2	14.0	14.7	15.4	16.1	16.7	17.3	17.9	18.5	19.0	19.5
17.5°	15.2	16.0	16.9	17.7	18.5	19.2	20.0	20.7	21.3	22.0	22.6
20°	17.1	18.1	19.0	19.9	20.8	21.7	22.5	23.4	24.1	24.9	25.6
22.5°	19.0	20.0	21.1	22.1	23.1	24.1	25.0	26.0	26.9	27.7	28.6
25°	20.8	22.0	23.1	24.3	25.4	26.5	27.5	28.5	29.5	30.5	32.3
27.5°	22.4	23.9	25.1	26.4	27.6	28.8	30.7	32.8	35.0	37.3	39.4
30°	23.6	25.2	26.9	28.9	30.9	33.1	35.5	37.9	40.6	43.4	46.2
32.5°	25.3	27.1	29.2	31.7	34.3	36.8	39.4	42.3	45.4	48.7	52.2
35°	27.3	29.4	31.6	34.0	36.8	39.8	42.8	46.0	49.5	53.4	57.5
37.5°	29.0	31.2	33.6	36.2	39.0	42.2	45.6	49.2	53.0	57.4	62.1
40°	30.5	32.8	35.2	37.9	40.9	44.3	48.0	51.9	56.2	60.9	66.3
42.5°	31.7	34.1	36.7	39.4	42.5	46.0	50.1	54.4	58.9	64.1	69.9
45°	32.5	35.2	38.0	40.9	44.0	47.6	51.8	56.5	61.4	67.0	73.1
47.5°	33.1	35.9	38.9	42.1	45.4	49.1	53.2	58.4	63.8	69.4	76.2
50°	33.3	36.4	39.6	43.1	46.7	50.4	54.8	59.9	66.2	72.2	78.8
52.5°	33.3	36.6	40.1	43.8	47.8	52.8	57.8	62.9	69.0	75.3	81.6
55°	33.4	36.5	40.6	46.0	51.5	57.0	61.9	66.7	72.2	78.5	84.8
57.5°	33.4	38.1	43.4	49.1	55.2	61.1	66.4	71.0	75.5	81.9	88.3
60°	35.4	40.5	46.0	52.1	58.5	65.1	71.2	75.7	79.9	85.6	92.0
62.5°	37.3	42.5	48.4	54.9	61.7	69.0	75.7	80.7	84.7	89.4	95.8
65°	39.2	44.5	50.6	57.6	64.8	72.5	80.0	85.9	89.8	93.5	99.8
67.5°	40.9	46.4	52.7	60.1	67.9	76.0	84.3	91.4	95.1	98.2	104.0
70°	42.4	48.3	54.9	62.4	71.0	79.4	88.6	96.6	100.6	103.1	107.4
72.5°	43.7	50.2	57.0	64.7	73.9	81.9	90.2	97.4	101.4	103.7	107.4
75°	45.0	51.5	58.1	65.2	73.4	81.7	89.7	96.8	101.5	104.3	107.7
77.5°	45.7	51.9	58.5	65.3	73.2	81.8	89.6	96.5	101.6	104.8	108.2
80°	46.6	52.6	59.2	65.8	73.4	82.1	90.0	96.5	101.7	105.2	108.8
82.5°	47.6	53.7	60.3	66.6	73.9	82.8	90.7	96.7	101.8	105.7	109.5
85°	48.8	55.0	61.6	67.8	74.7	83.7	91.7	97.2	102.0	106.3	110.4
87.5°	50.3	56.7	63.3	69.2	75.9	84.8	93.0	97.8	102.2	106.8	111.3
90°	52.1	58.7	65.2	70.9	77.4	86.3	94.5	98.6	102.6	107.5	112.4
92.5°	50.3	56.7	63.3	69.2	75.9	84.8	93.0	97.8	102.2	106.8	111.3
95°	48.8	55.0	61.6	67.8	74.7	83.7	91.7	97.2	102.0	106.3	110.4
97.5°	47.6	53.7	60.3	66.6	73.9	82.8	90.7	96.7	101.8	105.7	109.5
100°	46.6	52.6	59.2	65.8	73.4	82.1	90.0	96.5	101.7	105.2	108.8
102.5°	45.7	51.9	58.5	65.3	73.2	81.8	89.6	96.5	101.6	104.8	108.2
105°	45.0	51.5	58.1	65.2	73.4	81.7	89.7	96.8	101.5	104.3	107.7
107.5°	43.7	50.2	57.0	64.7	73.9	81.9	90.2	97.4	101.4	103.7	107.4
110°	42.4	48.3	54.9	62.4	71.0	79.4	88.6	96.6	100.6	103.1	107.4



TEST NUMBER: P231914

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

CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
112.5°	40.9	46.4	52.7	60.1	67.9	76.0	84.3	91.4	95.1	98.2	104.0
115°	39.2	44.5	50.6	57.6	64.8	72.5	80.0	85.9	89.8	93.5	99.8
117.5°	37.3	42.5	48.4	54.9	61.7	69.0	75.7	80.7	84.7	89.4	95.8
120°	35.4	40.5	46.0	52.1	58.5	65.1	71.2	75.7	79.9	85.6	92.0
122.5°	33.4	38.1	43.4	49.1	55.2	61.1	66.4	71.0	75.5	81.9	88.3
125°	33.4	36.5	40.6	46.0	51.5	57.0	61.9	66.7	72.2	78.5	84.8
127.5°	33.3	36.6	40.1	43.8	47.8	52.8	57.8	62.9	69.0	75.3	81.6
130°	33.3	36.4	39.6	43.1	46.7	50.4	54.8	59.9	66.2	72.2	78.8
132.5°	33.1	35.9	38.9	42.1	45.4	49.1	53.2	58.4	63.8	69.4	76.2
135°	32.5	35.2	38.0	40.9	44.0	47.6	51.8	56.5	61.4	67.0	73.1
137.5°	31.7	34.1	36.7	39.4	42.5	46.0	50.1	54.4	58.9	64.1	69.9
140°	30.5	32.8	35.2	37.9	40.9	44.3	48.0	51.9	56.2	60.9	66.3
142.5°	29.0	31.2	33.6	36.2	39.0	42.2	45.6	49.2	53.0	57.4	62.1
145°	27.3	29.4	31.6	34.0	36.8	39.8	42.8	46.0	49.5	53.4	57.5
147.5°	25.3	27.1	29.2	31.7	34.3	36.8	39.4	42.3	45.4	48.7	52.2
150°	23.6	25.2	26.9	28.9	30.9	33.1	35.5	37.9	40.6	43.4	46.2
152.5°	22.4	23.9	25.1	26.4	27.6	28.8	30.7	32.8	35.0	37.3	39.4
155°	20.8	22.0	23.1	24.3	25.4	26.5	27.5	28.5	29.5	30.5	32.3
157.5°	19.0	20.0	21.1	22.1	23.1	24.1	25.0	26.0	26.9	27.7	28.6
160°	17.1	18.1	19.0	19.9	20.8	21.7	22.5	23.4	24.1	24.9	25.6
162.5°	15.2	16.0	16.9	17.7	18.5	19.2	20.0	20.7	21.3	22.0	22.6
165°	13.2	14.0	14.7	15.4	16.1	16.7	17.3	17.9	18.5	19.0	19.5
167.5°	11.2	11.8	12.4	13.0	13.6	14.1	14.6	15.1	15.6	16.0	16.4
170°	9.1	9.6	10.1	10.5	11.0	11.4	11.8	12.2	12.6	12.9	13.3
172.5°	7.0	7.3	7.7	8.0	8.4	8.7	9.0	9.3	9.5	9.8	10.0
175°	4.7	5.0	5.2	5.4	5.7	5.9	6.1	6.3	6.4	6.6	6.8
177.5°	2.4	2.6	2.7	2.8	2.9	3.1	3.2	3.3	3.4	3.5	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: P231914

CATALOG NUMBER: FVS4WM-2-LD4-40-2STD-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	3.7	3.8	3.8	3.9	4.0	4.0	4.0	4.1	4.1	4.6
5°	7.0	7.2	7.4	7.5	7.7	7.8	7.9	8.0	8.1	8.2	9.2
7.5°	10.3	10.5	10.7	11.0	11.3	11.5	11.7	11.9	12.1	12.2	13.7
10°	13.6	13.8	14.1	14.3	14.7	15.1	15.4	15.7	16.0	16.3	18.3
12.5°	16.8	17.2	17.5	17.8	18.1	18.5	19.0	19.5	20.0	20.4	22.8
15°	20.0	20.5	20.9	21.3	21.6	21.9	22.6	23.2	23.9	24.5	27.3
17.5°	23.2	23.7	24.2	24.7	25.1	25.5	26.0	26.9	27.7	28.5	31.8
20°	26.3	26.9	27.5	28.1	28.6	29.0	29.5	30.5	31.6	32.6	36.2
22.5°	29.3	30.1	30.7	31.4	32.0	32.5	33.0	34.1	35.4	36.7	40.7
25°	34.0	35.7	37.4	39.0	40.5	41.9	43.1	44.6	46.7	48.6	53.0
27.5°	41.6	43.8	45.9	48.0	49.9	51.8	53.5	55.3	58.0	60.4	65.4
30°	48.7	51.3	54.0	56.7	59.1	61.5	63.7	65.9	69.2	72.3	77.8
32.5°	55.5	58.5	61.7	64.9	68.0	71.0	73.8	76.5	80.3	84.1	90.2
35°	61.7	65.4	68.9	72.9	76.7	80.2	83.7	87.0	91.4	96.0	102.7
37.5°	67.1	71.9	76.0	80.5	85.3	89.3	93.4	97.4	102.4	107.8	115.1
40°	72.0	78.0	82.9	87.8	93.2	98.2	103.0	107.8	113.4	119.7	127.6
42.5°	76.3	83.2	89.5	95.0	101.0	106.9	112.7	118.0	124.3	131.5	140.0
45°	80.3	88.0	95.8	101.8	108.6	115.5	121.9	128.1	135.2	143.4	152.5
47.5°	83.8	91.6	99.7	105.7	112.0	119.1	126.1	133.3	141.6	151.5	162.0
50°	85.9	93.4	101.2	107.8	113.9	121.4	129.5	138.1	147.8	159.5	171.6
52.5°	88.6	95.8	103.1	109.9	115.8	123.8	132.9	142.7	153.9	167.6	181.2
55°	91.7	98.6	105.4	112.2	118.0	126.1	136.1	147.3	160.0	175.6	190.9
57.5°	95.1	101.8	108.0	114.6	120.4	128.5	139.1	151.7	166.0	183.7	200.6
60°	98.6	105.4	111.3	117.1	122.9	130.9	142.1	156.0	171.9	191.7	210.4
62.5°	102.4	109.3	114.5	119.9	125.5	133.3	145.0	160.3	177.8	199.8	220.2
65°	106.4	113.2	118.2	123.0	128.3	135.8	147.9	164.5	183.7	207.8	230.0
67.5°	110.6	117.3	122.2	126.3	131.1	138.3	150.7	168.6	189.5	215.9	239.8
70°	113.1	118.9	123.2	126.3	130.8	137.7	149.7	167.5	188.3	215.4	240.9
72.5°	112.8	118.0	122.2	125.2	129.7	136.8	148.5	166.3	187.1	215.0	241.9
75°	112.7	117.5	121.3	124.0	128.6	136.0	147.4	165.2	185.9	214.5	243.8
77.5°	112.8	117.1	120.5	122.9	127.6	135.2	146.5	164.2	184.8	214.1	244.4
80°	113.1	116.9	119.8	121.9	126.6	134.6	145.7	163.3	183.8	213.6	245.1
82.5°	113.6	116.9	119.1	120.9	125.6	134.0	144.9	162.5	182.7	213.2	245.7
85°	114.2	117.0	118.5	119.9	124.7	133.5	144.3	161.7	181.8	212.7	246.3
87.5°	114.9	117.1	117.9	119.0	123.8	133.1	143.8	161.1	180.9	212.3	247.0
90°	115.7	117.3	117.3	118.1	123.0	132.8	143.4	160.5	180.0	211.8	247.6
92.5°	114.9	117.1	117.9	119.0	123.8	133.1	143.8	161.1	180.9	212.3	247.0
95°	114.2	117.0	118.5	119.9	124.7	133.5	144.3	161.7	181.8	212.7	246.3
97.5°	113.6	116.9	119.1	120.9	125.6	134.0	144.9	162.5	182.7	213.2	245.7
100°	113.1	116.9	119.8	121.9	126.6	134.6	145.7	163.3	183.8	213.6	245.1
102.5°	112.8	117.1	120.5	122.9	127.6	135.2	146.5	164.2	184.8	214.1	244.4
105°	112.7	117.5	121.3	124.0	128.6	136.0	147.4	165.2	185.9	214.5	243.8
107.5°	112.8	118.0	122.2	125.2	129.7	136.8	148.5	166.3	187.1	215.0	241.9
110°	113.1	118.9	123.2	126.3	130.8	137.7	149.7	167.5	188.3	215.4	240.9



TEST NUMBER: P231914

CATALOG NUMBER: FVS4WM-2-LD4-40-2STD-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°	110.6	117.3	122.2	126.3	131.1	138.3	150.7	168.6	189.5	215.9	239.8
115°	106.4	113.2	118.2	123.0	128.3	135.8	147.9	164.5	183.7	207.8	230.0
117.5°	102.4	109.3	114.5	119.9	125.5	133.3	145.0	160.3	177.8	199.8	220.2
120°	98.6	105.4	111.3	117.1	122.9	130.9	142.1	156.0	171.9	191.7	210.4
122.5°	95.1	101.8	108.0	114.6	120.4	128.5	139.1	151.7	166.0	183.7	200.6
125°	91.7	98.6	105.4	112.2	118.0	126.1	136.1	147.3	160.0	175.6	190.9
127.5°	88.6	95.8	103.1	109.9	115.8	123.8	132.9	142.7	153.9	167.6	181.2
130°	85.9	93.4	101.2	107.8	113.9	121.4	129.5	138.1	147.8	159.5	171.6
132.5°	83.8	91.6	99.7	105.7	112.0	119.1	126.1	133.3	141.6	151.5	162.0
135°	80.3	88.0	95.8	101.8	108.6	115.5	121.9	128.1	135.2	143.4	152.5
137.5°	76.3	83.2	89.5	95.0	101.0	106.9	112.7	118.0	124.3	131.5	140.0
140°	72.0	78.0	82.9	87.8	93.2	98.2	103.0	107.8	113.4	119.7	127.6
142.5°	67.1	71.9	76.0	80.5	85.3	89.3	93.4	97.4	102.4	107.8	115.1
145°	61.7	65.4	68.9	72.9	76.7	80.2	83.7	87.0	91.4	96.0	102.7
147.5°	55.5	58.5	61.7	64.9	68.0	71.0	73.8	76.5	80.3	84.1	90.2
150°	48.7	51.3	54.0	56.7	59.1	61.5	63.7	65.9	69.2	72.3	77.8
152.5°	41.6	43.8	45.9	48.0	49.9	51.8	53.5	55.3	58.0	60.4	65.4
155°	34.0	35.7	37.4	39.0	40.5	41.9	43.1	44.6	46.7	48.6	53.0
157.5°	29.3	30.1	30.7	31.4	32.0	32.5	33.0	34.1	35.4	36.7	40.7
160°	26.3	26.9	27.5	28.1	28.6	29.0	29.5	30.5	31.6	32.6	36.2
162.5°	23.2	23.7	24.2	24.7	25.1	25.5	26.0	26.9	27.7	28.5	31.8
165°	20.0	20.5	20.9	21.3	21.6	21.9	22.6	23.2	23.9	24.5	27.3
167.5°	16.8	17.2	17.5	17.8	18.1	18.5	19.0	19.5	20.0	20.4	22.8
170°	13.6	13.8	14.1	14.3	14.7	15.1	15.4	15.7	16.0	16.3	18.3
172.5°	10.3	10.5	10.7	11.0	11.3	11.5	11.7	11.9	12.1	12.2	13.7
175°	7.0	7.2	7.4	7.5	7.7	7.8	7.9	8.0	8.1	8.2	9.2
177.5°	3.6	3.7	3.8	3.8	3.9	4.0	4.0	4.0	4.1	4.1	4.6
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P231914

CATALOG NUMBER: FVS4WM-2-LD4-40-2STD-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°	5.1	5.6	6.1	6.6	7.0	7.5	7.9	8.4	8.8	9.2	9.5
5°	10.2	11.2	12.1	13.1	14.0	14.9	15.8	16.6	17.4	18.2	18.9
7.5°	15.2	16.7	18.1	19.5	20.8	22.2	23.6	25.4	27.1	28.9	30.5
10°	20.2	22.1	24.0	25.8	27.7	30.2	32.6	34.9	37.2	39.5	41.8
12.5°	25.2	27.5	29.8	32.3	35.4	38.3	41.2	44.1	46.6	48.7	50.8
15°	30.1	32.8	35.6	39.2	42.7	46.2	49.5	52.3	55.1	57.7	60.6
17.5°	35.0	38.1	41.8	45.8	49.8	53.6	57.1	60.6	63.9	67.2	70.5
20°	39.8	43.4	47.8	52.2	56.5	60.9	65.0	69.1	73.3	77.3	81.2
22.5°	44.6	48.8	53.6	58.3	63.3	68.3	73.2	78.2	83.0	87.5	91.6
25°	57.3	61.8	66.6	71.2	76.0	80.5	85.2	89.7	93.9	97.7	102.4
27.5°	70.2	75.4	80.4	85.6	90.7	95.7	100.8	105.6	109.9	113.9	117.6
30°	83.1	88.8	94.3	99.8	105.5	110.7	116.1	121.0	125.6	129.8	133.7
32.5°	96.2	102.2	108.0	113.8	119.6	125.5	131.1	136.2	141.0	145.3	148.2
35°	109.1	115.5	121.6	127.6	133.9	140.4	145.8	151.2	155.9	159.7	161.1
37.5°	122.1	128.7	135.1	141.2	147.9	154.3	160.3	165.6	171.0	172.2	173.3
40°	135.0	141.9	148.4	154.9	161.8	168.3	174.5	179.7	183.0	184.3	184.0
42.5°	147.8	154.9	161.5	168.4	175.4	182.2	188.2	193.6	194.8	195.3	194.6
45°	160.6	167.9	174.5	181.7	188.9	195.8	201.6	205.3	206.3	205.8	205.2
47.5°	171.7	180.7	189.4	198.4	206.7	213.6	218.3	218.0	216.9	216.4	215.6
50°	182.8	194.0	205.4	217.2	228.3	237.5	244.2	245.4	244.7	241.1	234.7
52.5°	194.2	207.7	222.1	236.7	250.9	262.5	270.6	274.7	277.7	275.9	270.7
55°	205.6	221.8	239.3	257.0	274.4	288.5	298.5	306.3	312.8	312.5	305.7
57.5°	217.2	236.3	257.0	278.0	298.7	315.3	327.7	340.2	348.6	348.8	339.9
60°	228.9	251.0	275.1	299.6	323.2	342.8	358.1	376.1	385.9	383.4	372.5
62.5°	240.7	266.1	293.6	321.7	348.3	370.7	390.1	413.9	424.3	417.4	403.0
65°	252.5	281.3	312.4	344.3	373.9	399.3	424.1	451.3	463.7	450.9	431.4
67.5°	264.4	296.7	331.4	367.1	399.8	428.6	459.2	488.5	498.2	482.8	458.3
70°	267.2	300.4	335.6	373.5	408.8	441.9	479.9	514.3	525.7	511.1	487.6
72.5°	269.7	302.9	337.3	375.4	410.8	445.0	485.5	520.4	532.4	522.8	508.3
75°	272.1	305.1	338.5	377.0	412.5	447.9	490.5	526.9	541.3	537.8	528.1
77.5°	274.5	307.1	339.4	378.2	413.8	450.5	494.9	533.7	551.9	555.3	548.0
80°	277.8	308.8	339.9	378.9	414.6	452.7	498.7	540.5	563.8	574.9	568.0
82.5°	279.6	311.1	341.1	379.3	415.0	454.5	501.8	547.1	576.5	595.9	588.2
85°	281.5	312.0	340.4	380.0	415.9	457.0	505.7	555.1	589.6	617.8	608.6
87.5°	283.3	312.8	339.6	379.0	414.8	457.0	506.2	559.4	603.0	640.3	629.1
90°	285.1	313.6	338.9	378.0	413.8	457.0	506.7	563.7	615.0	661.5	650.1
92.5°	283.3	312.8	339.6	379.0	414.8	457.0	506.2	559.4	603.0	640.3	629.1
95°	281.5	312.0	340.4	380.0	415.9	457.0	505.7	555.1	589.6	617.8	608.6
97.5°	279.6	311.1	341.1	379.3	415.0	454.5	501.8	547.1	576.5	595.9	588.2
100°	277.8	308.8	339.9	378.9	414.6	452.7	498.7	540.5	563.8	574.9	568.0
102.5°	274.5	307.1	339.4	378.2	413.8	450.5	494.9	533.7	551.9	555.3	548.0
105°	272.1	305.1	338.5	377.0	412.5	447.9	490.5	526.9	541.3	537.8	528.1
107.5°	269.7	302.9	337.3	375.4	410.8	445.0	485.5	520.4	532.4	522.8	508.3
110°	267.2	300.4	335.6	373.5	408.8	441.9	479.9	514.3	525.7	511.1	487.6



TEST NUMBER: P231914

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

CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
112.5°	264.4	296.7	331.4	367.1	399.8	428.6	459.2	488.5	498.2	482.8	458.3
115°	252.5	281.3	312.4	344.3	373.9	399.3	424.1	451.3	463.7	450.9	431.4
117.5°	240.7	266.1	293.6	321.7	348.3	370.7	390.1	413.9	424.3	417.4	403.0
120°	228.9	251.0	275.1	299.6	323.2	342.8	358.1	376.1	385.9	383.4	372.5
122.5°	217.2	236.3	257.0	278.0	298.7	315.3	327.7	340.2	348.6	348.8	339.9
125°	205.6	221.8	239.3	257.0	274.4	288.5	298.5	306.3	312.8	312.5	305.7
127.5°	194.2	207.7	222.1	236.7	250.9	262.5	270.6	274.7	277.7	275.9	270.7
130°	182.8	194.0	205.4	217.2	228.3	237.5	244.2	245.4	244.7	241.1	234.7
132.5°	171.7	180.7	189.4	198.4	206.7	213.6	218.3	218.0	216.9	216.4	215.6
135°	160.6	167.9	174.5	181.7	188.9	195.8	201.6	205.3	206.3	205.8	205.2
137.5°	147.8	154.9	161.5	168.4	175.4	182.2	188.2	193.6	194.8	195.3	194.6
140°	135.0	141.9	148.4	154.9	161.8	168.3	174.5	179.7	183.0	184.3	184.0
142.5°	122.1	128.7	135.1	141.2	147.9	154.3	160.3	165.6	171.0	172.2	173.3
145°	109.1	115.5	121.6	127.6	133.9	140.4	145.8	151.2	155.9	159.7	161.1
147.5°	96.2	102.2	108.0	113.8	119.6	125.5	131.1	136.2	141.0	145.3	148.2
150°	83.1	88.8	94.3	99.8	105.5	110.7	116.1	121.0	125.6	129.8	133.7
152.5°	70.2	75.4	80.4	85.6	90.7	95.7	100.8	105.6	109.9	113.9	117.6
155°	57.3	61.8	66.6	71.2	76.0	80.5	85.2	89.7	93.9	97.7	102.4
157.5°	44.6	48.8	53.6	58.3	63.3	68.3	73.2	78.2	83.0	87.5	91.6
160°	39.8	43.4	47.8	52.2	56.5	60.9	65.0	69.1	73.3	77.3	81.2
162.5°	35.0	38.1	41.8	45.8	49.8	53.6	57.1	60.6	63.9	67.2	70.5
165°	30.1	32.8	35.6	39.2	42.7	46.2	49.5	52.3	55.1	57.7	60.6
167.5°	25.2	27.5	29.8	32.3	35.4	38.3	41.2	44.1	46.6	48.7	50.8
170°	20.2	22.1	24.0	25.8	27.7	30.2	32.6	34.9	37.2	39.5	41.8
172.5°	15.2	16.7	18.1	19.5	20.8	22.2	23.6	25.4	27.1	28.9	30.5
175°	10.2	11.2	12.1	13.1	14.0	14.9	15.8	16.6	17.4	18.2	18.9
177.5°	5.1	5.6	6.1	6.6	7.0	7.5	7.9	8.4	8.8	9.2	9.5
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P231914

CATALOG NUMBER: FVS4WM-2-LD4-40-2STD-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°	9.9	10.2	10.6	10.9	11.2	11.4	11.7	11.9	12.1	12.2	12.4
5°	20.0	21.1	22.1	23.0	23.9	24.8	25.6	26.4	27.0	27.7	28.3
7.5°	32.1	33.7	35.2	36.6	37.8	38.6	39.3	40.0	40.6	41.1	41.5
10°	43.2	44.6	45.9	47.2	48.3	49.4	50.3	51.3	52.2	53.0	53.7
12.5°	52.7	54.5	56.3	58.1	59.7	61.3	62.7	64.0	65.1	66.0	66.7
15°	62.8	65.3	67.7	69.9	71.9	73.5	75.0	76.3	77.4	78.4	79.2
17.5°	73.7	77.0	79.2	81.5	83.7	85.6	87.3	88.8	90.1	91.2	92.1
20°	84.6	87.7	90.7	93.4	95.8	98.1	100.0	101.7	103.1	104.4	105.5
22.5°	95.5	99.2	102.5	105.6	108.5	110.4	112.2	113.9	115.5	116.8	118.3
25°	106.8	110.9	115.2	117.1	119.4	121.5	122.8	124.3	125.8	127.6	129.5
27.5°	121.1	123.6	124.8	127.2	128.5	129.5	131.1	132.7	134.7	136.9	139.8
30°	136.2	137.5	138.2	137.2	136.0	136.0	137.8	139.9	143.6	147.3	151.5
32.5°	149.6	150.1	149.2	148.2	147.6	146.8	147.3	148.5	153.1	159.2	165.4
35°	161.8	161.0	160.2	159.7	159.5	160.5	161.3	164.4	167.0	173.4	183.7
37.5°	172.6	171.9	171.4	171.6	172.9	175.3	179.1	183.6	190.3	197.3	205.1
40°	183.3	182.9	183.1	184.6	188.0	192.7	199.7	207.7	217.3	227.6	238.3
42.5°	194.1	194.0	195.7	199.4	204.9	213.7	223.0	235.7	249.1	263.3	278.2
45°	204.6	206.1	209.4	215.8	225.4	236.0	251.2	266.3	284.0	302.4	323.3
47.5°	216.1	218.0	225.2	234.8	246.8	263.4	280.7	300.3	322.0	345.1	371.5
50°	229.0	233.1	241.8	255.1	272.3	291.1	312.3	336.0	362.7	390.9	421.0
52.5°	264.5	262.9	267.7	277.7	299.1	320.4	345.0	373.4	403.3	435.9	470.3
55°	299.4	297.5	303.3	315.5	331.5	350.5	377.8	409.5	443.6	480.3	522.4
57.5°	331.5	331.3	338.4	351.2	368.2	390.3	416.0	445.3	483.2	526.3	572.4
60°	362.1	362.8	371.7	385.7	404.2	427.1	454.8	488.5	526.8	568.9	618.5
62.5°	393.5	394.4	403.0	417.7	437.7	462.3	492.7	529.2	572.6	616.8	664.9
65°	423.1	424.7	433.8	448.8	468.7	494.0	528.2	570.5	615.2	661.4	713.0
67.5°	451.0	452.9	462.6	477.8	498.3	525.8	562.5	608.6	653.2	701.7	763.0
70°	478.9	479.8	489.5	504.3	524.8	555.0	596.8	642.1	686.9	737.4	807.1
72.5°	502.3	504.9	514.9	529.2	549.2	582.7	628.1	671.3	715.0	770.8	840.8
75°	523.4	527.3	536.6	549.1	569.3	603.4	652.0	696.2	737.2	795.6	869.8
77.5°	544.2	549.1	556.6	566.5	584.0	617.4	662.7	708.3	756.9	818.1	894.8
80°	564.9	570.2	575.2	581.7	595.1	627.1	671.3	718.9	771.9	838.7	921.9
82.5°	585.5	590.9	592.7	595.2	603.2	633.1	677.7	727.9	783.3	854.9	942.2
85°	605.9	611.2	609.4	607.4	609.2	636.2	681.9	735.1	791.1	866.4	955.7
87.5°	626.3	631.2	625.6	618.9	613.9	637.5	685.0	741.4	797.1	875.5	965.6
90°	646.8	650.9	641.9	630.5	618.3	636.2	683.5	742.1	796.7	874.9	962.9
92.5°	626.3	631.2	625.6	618.9	613.9	637.5	685.0	741.4	797.1	875.5	965.6
95°	605.9	611.2	609.4	607.4	609.2	636.2	681.9	735.1	791.1	866.4	955.7
97.5°	585.5	590.9	592.7	595.2	603.2	633.1	677.7	727.9	783.3	854.9	942.2
100°	564.9	570.2	575.2	581.7	595.1	627.1	671.3	718.9	771.9	838.7	921.9
102.5°	544.2	549.1	556.6	566.5	584.0	617.4	662.7	708.3	756.9	818.1	894.8
105°	523.4	527.3	536.6	549.1	569.3	603.4	652.0	696.2	737.2	795.6	869.8
107.5°	502.3	504.9	514.9	529.2	549.2	582.7	628.1	671.3	715.0	770.8	840.8
110°	478.9	479.8	489.5	504.3	524.8	555.0	596.8	642.1	686.9	737.4	807.1



TEST NUMBER: P231914

CATALOG NUMBER: FVS4WM-2-LD4-40-2STD-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°	451.0	452.9	462.6	477.8	498.3	525.8	562.5	608.6	653.2	701.7	763.0
115°	423.1	424.7	433.8	448.8	468.7	494.0	528.2	570.5	615.2	661.4	713.0
117.5°	393.5	394.4	403.0	417.7	437.7	462.3	492.7	529.2	572.6	616.8	664.9
120°	362.1	362.8	371.7	385.7	404.2	427.1	454.8	488.5	526.8	568.9	618.5
122.5°	331.5	331.3	338.4	351.2	368.2	390.3	416.0	445.3	483.2	526.3	572.4
125°	299.4	297.5	303.3	315.5	331.5	350.5	377.8	409.5	443.6	480.3	522.4
127.5°	264.5	262.9	267.7	277.7	299.1	320.4	345.0	373.4	403.3	435.9	470.3
130°	229.0	233.1	241.8	255.1	272.3	291.1	312.3	336.0	362.7	390.9	421.0
132.5°	216.1	218.0	225.2	234.8	246.8	263.4	280.7	300.3	322.0	345.1	371.5
135°	204.6	206.1	209.4	215.8	225.4	236.0	251.2	266.3	284.0	302.4	323.3
137.5°	194.1	194.0	195.7	199.4	204.9	213.7	223.0	235.7	249.1	263.3	278.2
140°	183.3	182.9	183.1	184.6	188.0	192.7	199.7	207.7	217.3	227.6	238.3
142.5°	172.6	171.9	171.4	171.6	172.9	175.3	179.1	183.6	190.3	197.3	205.1
145°	161.8	161.0	160.2	159.7	159.5	160.5	161.3	164.4	167.0	173.4	183.7
147.5°	149.6	150.1	149.2	148.2	147.6	146.8	147.3	148.5	153.1	159.2	165.4
150°	136.2	137.5	138.2	137.2	136.0	136.0	137.8	139.9	143.6	147.3	151.5
152.5°	121.1	123.6	124.8	127.2	128.5	129.5	131.1	132.7	134.7	136.9	139.8
155°	106.8	110.9	115.2	117.1	119.4	121.5	122.8	124.3	125.8	127.6	129.5
157.5°	95.5	99.2	102.5	105.6	108.5	110.4	112.2	113.9	115.5	116.8	118.3
160°	84.6	87.7	90.7	93.4	95.8	98.1	100.0	101.7	103.1	104.4	105.5
162.5°	73.7	77.0	79.2	81.5	83.7	85.6	87.3	88.8	90.1	91.2	92.1
165°	62.8	65.3	67.7	69.9	71.9	73.5	75.0	76.3	77.4	78.4	79.2
167.5°	52.7	54.5	56.3	58.1	59.7	61.3	62.7	64.0	65.1	66.0	66.7
170°	43.2	44.6	45.9	47.2	48.3	49.4	50.3	51.3	52.2	53.0	53.7
172.5°	32.1	33.7	35.2	36.6	37.8	38.6	39.3	40.0	40.6	41.1	41.5
175°	20.0	21.1	22.1	23.0	23.9	24.8	25.6	26.4	27.0	27.7	28.3
177.5°	9.9	10.2	10.6	10.9	11.2	11.4	11.7	11.9	12.1	12.2	12.4
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: P231914

CATALOG NUMBER: FVS4WM-2-LD4-40-2STD-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°	12.5	12.6	12.7	12.8	12.8	12.8	13.2	13.0	12.9	12.7	12.5
5°	28.8	29.3	29.7	30.0	30.3	30.5	30.6	30.7	31.3	31.0	30.7
7.5°	41.9	42.2	42.4	42.5	42.6	42.6	42.5	42.4	42.2	42.2	41.7
10°	54.3	54.8	55.2	55.4	55.6	55.6	55.5	55.3	55.1	55.1	54.4
12.5°	67.2	67.6	67.9	68.0	68.0	67.9	67.6	67.2	66.7	66.1	65.5
15°	79.8	80.2	80.5	80.5	80.5	80.2	79.8	79.2	78.5	77.6	76.8
17.5°	92.8	93.4	93.9	94.3	94.5	94.5	94.4	94.0	93.5	92.9	92.4
20°	106.5	107.4	108.4	109.4	110.2	110.9	111.5	112.0	112.2	112.3	112.7
22.5°	119.8	121.3	122.8	124.1	125.4	126.6	127.6	128.5	129.2	129.7	130.5
25°	131.4	133.3	135.3	137.9	140.4	142.7	144.8	146.7	148.3	149.7	150.7
27.5°	143.2	146.5	149.9	153.6	157.7	161.5	165.0	168.2	171.0	173.4	175.3
30°	156.5	161.9	167.2	172.3	179.3	185.9	192.0	197.6	202.6	206.9	210.5
32.5°	172.5	181.5	190.3	198.8	207.9	217.1	225.5	233.1	239.9	245.8	250.8
35°	193.9	205.8	217.9	229.5	241.1	253.8	265.4	275.9	285.2	293.2	299.8
37.5°	219.3	233.9	250.9	267.0	282.2	298.1	312.9	326.1	337.6	347.4	355.4
40°	251.1	269.2	290.3	311.0	330.3	349.0	366.4	381.3	393.7	403.7	411.4
42.5°	295.5	312.8	335.9	362.0	385.4	406.2	425.1	441.4	454.9	465.7	473.8
45°	344.4	368.7	392.0	419.0	444.7	470.1	490.4	509.2	523.8	534.3	541.0
47.5°	398.7	426.3	453.2	481.9	515.0	543.2	567.6	588.5	604.9	617.0	624.6
50°	452.5	484.9	522.3	558.9	595.2	626.4	654.9	683.7	707.9	727.0	740.6
52.5°	509.0	550.2	592.4	634.1	679.5	723.3	760.1	794.8	826.1	853.2	875.0
55°	566.6	612.6	661.1	714.3	767.7	819.5	864.5	904.6	941.3	973.9	1001.4
57.5°	620.8	674.4	731.5	793.4	856.5	907.7	958.1	1001.3	1039.2	1074.2	1105.3
60°	673.8	734.3	803.4	869.5	931.8	985.5	1032.0	1076.4	1117.4	1154.0	1185.7
62.5°	723.0	797.9	870.2	939.5	995.9	1048.8	1096.5	1142.1	1182.1	1218.4	1250.2
65°	782.2	855.6	929.9	992.3	1049.6	1103.4	1151.0	1195.2	1236.7	1274.8	1307.7
67.5°	835.3	910.9	975.9	1036.6	1094.3	1146.8	1197.1	1244.4	1287.0	1324.4	1356.1
70°	880.7	955.0	1019.2	1075.1	1129.3	1185.0	1238.4	1286.1	1331.5	1373.4	1404.4
72.5°	919.0	995.1	1054.9	1109.5	1163.3	1217.6	1271.3	1324.9	1379.5	1422.5	1447.6
75°	954.1	1023.4	1082.4	1138.6	1194.6	1247.5	1300.9	1358.3	1411.2	1457.1	1486.1
77.5°	983.3	1046.6	1104.0	1161.6	1219.2	1274.4	1328.8	1383.6	1435.8	1481.9	1511.8
80°	1002.2	1063.6	1119.7	1178.5	1238.3	1294.9	1349.0	1403.3	1456.1	1502.2	1531.0
82.5°	1018.6	1079.8	1135.6	1193.5	1249.6	1303.0	1360.0	1418.7	1478.7	1527.6	1550.0
85°	1031.2	1091.1	1145.6	1204.3	1259.4	1314.2	1370.0	1429.9	1489.0	1535.9	1562.1
87.5°	1042.1	1097.5	1149.8	1208.2	1263.0	1321.0	1380.2	1440.2	1495.3	1542.7	1564.5
90°	1041.9	1098.9	1148.6	1205.6	1260.2	1320.5	1381.6	1437.0	1493.2	1545.3	1566.5
92.5°	1042.1	1097.5	1149.8	1208.2	1263.0	1321.0	1380.2	1440.2	1495.3	1542.7	1564.5
95°	1031.2	1091.1	1145.6	1204.3	1259.4	1314.2	1370.0	1429.9	1489.0	1535.9	1562.1
97.5°	1018.6	1079.8	1135.6	1193.5	1249.6	1303.0	1360.0	1418.7	1478.7	1527.6	1550.0
100°	1002.2	1063.6	1119.7	1178.5	1238.3	1294.9	1349.0	1403.3	1456.1	1502.2	1531.0
102.5°	983.3	1046.6	1104.0	1161.6	1219.2	1274.4	1328.8	1383.6	1435.8	1481.9	1511.8
105°	954.1	1023.4	1082.4	1138.6	1194.6	1247.5	1300.9	1358.3	1411.2	1457.1	1486.1
107.5°	919.0	995.1	1054.9	1109.5	1163.3	1217.6	1271.3	1324.9	1379.5	1422.5	1447.6
110°	880.7	955.0	1019.2	1075.1	1129.3	1185.0	1238.4	1286.1	1331.5	1373.4	1404.4



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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°	835.3	910.9	975.9	1036.6	1094.3	1146.8	1197.1	1244.4	1287.0	1324.4	1356.1
115°	782.2	855.6	929.9	992.3	1049.6	1103.4	1151.0	1195.2	1236.7	1274.8	1307.7
117.5°	723.0	797.9	870.2	939.5	995.9	1048.8	1096.5	1142.1	1182.1	1218.4	1250.2
120°	673.8	734.3	803.4	869.5	931.8	985.5	1032.0	1076.4	1117.4	1154.0	1185.7
122.5°	620.8	674.4	731.5	793.4	856.5	907.7	958.1	1001.3	1039.2	1074.2	1105.3
125°	566.6	612.6	661.1	714.3	767.7	819.5	864.5	904.6	941.3	973.9	1001.4
127.5°	509.0	550.2	592.4	634.1	679.5	723.3	760.1	794.8	826.1	853.2	875.0
130°	452.5	484.9	522.3	558.9	595.2	626.4	654.9	683.7	707.9	727.0	740.6
132.5°	398.7	426.3	453.2	481.9	515.0	543.2	567.6	588.5	604.9	617.0	624.6
135°	344.4	368.7	392.0	419.0	444.7	470.1	490.4	509.2	523.8	534.3	541.0
137.5°	295.5	312.8	335.9	362.0	385.4	406.2	425.1	441.4	454.9	465.7	473.8
140°	251.1	269.2	290.3	311.0	330.3	349.0	366.4	381.3	393.7	403.7	411.4
142.5°	219.3	233.9	250.9	267.0	282.2	298.1	312.9	326.1	337.6	347.4	355.4
145°	193.9	205.8	217.9	229.5	241.1	253.8	265.4	275.9	285.2	293.2	299.8
147.5°	172.5	181.5	190.3	198.8	207.9	217.1	225.5	233.1	239.9	245.8	250.8
150°	156.5	161.9	167.2	172.3	179.3	185.9	192.0	197.6	202.6	206.9	210.5
152.5°	143.2	146.5	149.9	153.6	157.7	161.5	165.0	168.2	171.0	173.4	175.3
155°	131.4	133.3	135.3	137.9	140.4	142.7	144.8	146.7	148.3	149.7	150.7
157.5°	119.8	121.3	122.8	124.1	125.4	126.6	127.6	128.5	129.2	129.7	130.5
160°	106.5	107.4	108.4	109.4	110.2	110.9	111.5	112.0	112.2	112.3	112.7
162.5°	92.8	93.4	93.9	94.3	94.5	94.5	94.4	94.0	93.5	92.9	92.4
165°	79.8	80.2	80.5	80.5	80.5	80.2	79.8	79.2	78.5	77.6	76.8
167.5°	67.2	67.6	67.9	68.0	68.0	67.9	67.6	67.2	66.7	66.1	65.5
170°	54.3	54.8	55.2	55.4	55.6	55.6	55.5	55.3	55.1	55.1	54.4
172.5°	41.9	42.2	42.4	42.5	42.6	42.6	42.5	42.4	42.2	42.2	41.7
175°	28.8	29.3	29.7	30.0	30.3	30.5	30.6	30.7	31.3	31.0	30.7
177.5°	12.5	12.6	12.7	12.8	12.8	12.8	13.2	13.0	12.9	12.7	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):

	357.5°	360°
0°	0.0	0.0
2.5°	12.4	12.2
5°	30.4	30.1
7.5°	41.2	40.7
10°	53.6	52.9
12.5°	64.5	63.5
15°	75.5	74.1
17.5°	91.0	89.6
20°	111.8	110.8
22.5°	130.0	129.5
25°	151.5	151.5
27.5°	177.0	177.6
30°	213.7	215.1
32.5°	255.2	257.4
35°	305.8	308.7
37.5°	362.5	365.8
40°	418.0	420.3
42.5°	480.6	482.2
45°	545.6	544.2
47.5°	630.0	627.2
50°	751.7	750.3
52.5°	894.5	898.5
55°	1026.6	1036.2
57.5°	1134.7	1150.2
60°	1215.1	1232.5
62.5°	1277.0	1298.5
65°	1335.1	1357.1
67.5°	1382.1	1402.8
70°	1426.7	1441.9
72.5°	1464.1	1473.6
75°	1498.6	1503.8
77.5°	1517.1	1517.6
80°	1542.3	1544.5
82.5°	1559.6	1561.6
85°	1567.2	1565.7
87.5°	1576.9	1580.3
90°	1575.5	1577.1
92.5°	1576.9	1580.3
95°	1567.2	1565.7
97.5°	1559.6	1561.6
100°	1542.3	1544.5
102.5°	1517.1	1517.6
105°	1498.6	1503.8
107.5°	1464.1	1473.6
110°	1426.7	1441.9



TEST NUMBER: P231914

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

CANDELA DISTRIBUTION (continued):

	357.5°	360°
112.5°	1382.1	1402.8
115°	1335.1	1357.1
117.5°	1277.0	1298.5
120°	1215.1	1232.5
122.5°	1134.7	1150.2
125°	1026.6	1036.2
127.5°	894.5	898.5
130°	751.7	750.3
132.5°	630.0	627.2
135°	545.6	544.2
137.5°	480.6	482.2
140°	418.0	420.3
142.5°	362.5	365.8
145°	305.8	308.7
147.5°	255.2	257.4
150°	213.7	215.1
152.5°	177.0	177.6
155°	151.5	151.5
157.5°	130.0	129.5
160°	111.8	110.8
162.5°	91.0	89.6
165°	75.5	74.1
167.5°	64.5	63.5
170°	53.6	52.9
172.5°	41.2	40.7
175°	30.4	30.1
177.5°	12.4	12.2
180°	0.0	0.0

(END OF REPORT)