

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: P231950

Luminaire Tested: **FVS4WM-4-LD4-40-1STD-P125-UNV-EDC1**

Issue Date: 3/3/2020



Test Information

Test Method: LM-79-08
Report Number: P231950
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1706-121-13)
Test Lab: INNOVATION CENTER(G3)
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: FAIL-SAFE
Catalog Number: FVS4WM-4-LD4-40-1STD-P125-UNV-EDC1
Description: FAILSAFE FVS LED FIXTURE
4FT LENGTH, 1-MODULE LED WITH P125 LENS
Light Source: (84) 4000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

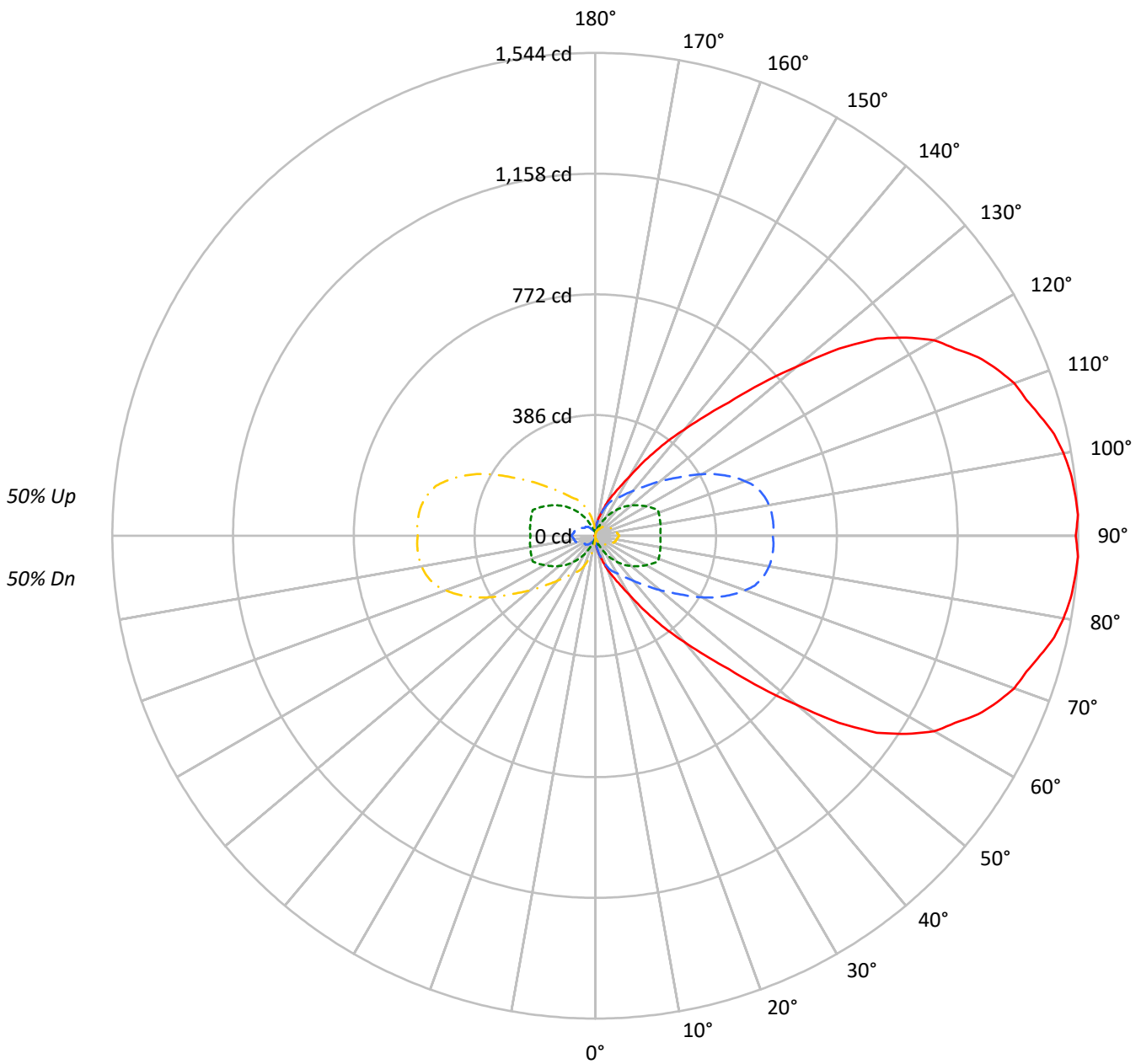
Lumens per Lamp: N/A
Luminaire Lumens: 3611.3 lumens
Efficiency: N/A
Efficacy: 107.5 lumens/watt
Spacing Criteria (0/90/45): 24.75 / 16 / 16.67
Luminous Opening: Rectangular w/ Sides (W: 3.79' x L: 0.19' x H: 0.31')
CIE Type: General Diffuse

Input Watts (W): 33.6
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	47	43	39	36	33	28
2	80	69	60	53	72	63	55	48	51	45	39	40	35	31	30	26	23	18
3	71	59	49	41	64	53	44	37	43	36	30	33	28	23	24	20	17	12
4	64	50	40	33	58	46	37	30	37	30	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	12	8	5
7	49	35	25	19	44	32	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	36	23	16	11	19	13	9	15	10	6	11	7	4	2

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	12	12	12	12
5°	399	124	11	124
10°	657	236	10	236
15°	838	354	9	354
20°	1158	477	8	477
25°	1475	724	8	724
30°	1941	1113	7	1113
35°	2740	1545	7	1545
40°	3652	2033	7	2033
45°	4839	2605	6	2605
50°	6645	3228	6	3228
55°	8579	3998	6	3998
60°	9744	4984	6	4984
65°	10579	6299	13	6299
70°	11311	7771	13	7771
75°	11939	9543	13	9543
80°	12679	12561	0	12561
85°	13338	18731	0	18731



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	1.7	0.0
10°-20°	11.7	0.3
20°-30°	32.7	0.9
30°-40°	72.6	2.0
40°-50°	141.7	3.9
50°-60°	250.8	6.9
60°-70°	365.3	10.1
70°-80°	444.5	12.3
80°-90°	484.6	13.4
90°-100°	484.6	13.4
100°-110°	444.5	12.3
110°-120°	365.3	10.1
120°-130°	250.8	6.9
130°-140°	141.7	3.9
140°-150°	72.6	2.0
150°-160°	32.7	0.9
160°-170°	11.7	0.3
170°-180°	1.7	0.0
0°-30°	46.2	1.3
0°-40°	118.8	3.3
0°-60°	511.3	14.2
0°-90°	1805.6	50.0
90°-120°	1294.3	35.8
90°-150°	1759.4	48.7
90°-180°	1806.0	50.0
0°-180°	3611.3	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1	1	1	1	1	
5°	30	8	1	8	30	4
15°	77	23	1	23	77	24
25°	157	45	1	45	157	76
35°	321	88	1	88	321	207
45°	603	132	1	132	603	485
55°	1099	169	1	169	1099	969
65°	1351	207	2	207	1351	1335
75°	1474	213	2	213	1474	1559
85°	1539	209	0	209	1539	1254
90°	1536	207	0	207	1536	844
95°	1539	209	0	209	1539	1254
105°	1474	213	2	213	1474	1559
115°	1351	207	2	207	1351	1335
125°	1099	169	1	169	1099	969
135°	603	132	1	132	603	485
145°	321	88	1	88	321	207
155°	157	45	1	45	157	76
165°	77	23	1	23	77	24
175°	30	8	1	8	30	4
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°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
2.5°	13.8	14.0	14.1	14.3	14.4	14.6	14.7	14.3	14.2	14.2	14.1
5°	30.1	30.4	30.7	31.0	31.2	30.7	30.7	30.6	30.4	30.1	29.8
7.5°	43.1	43.6	44.0	44.5	44.4	44.5	44.6	44.5	44.4	44.2	43.9
10°	55.3	56.0	56.7	57.4	57.4	57.6	57.8	57.9	57.8	57.6	57.3
12.5°	64.2	65.3	66.4	67.1	67.8	68.5	69.0	69.4	69.6	69.7	69.7
15°	77.3	78.7	80.1	80.7	81.5	82.2	82.7	83.0	83.1	83.1	82.8
17.5°	95.1	96.4	97.6	97.8	98.3	98.6	98.7	98.6	98.4	98.1	97.6
20°	115.5	116.4	117.2	116.7	116.6	116.3	115.8	115.1	114.3	113.3	112.3
22.5°	135.8	136.2	136.5	135.4	134.7	133.8	132.6	131.3	129.8	128.2	126.5
25°	156.9	156.9	156.1	155.1	153.7	152.1	150.1	147.9	145.5	142.8	140.0
27.5°	183.0	182.6	181.0	179.2	176.9	174.1	171.0	167.4	163.4	159.2	155.2
30°	217.9	217.0	214.3	211.3	207.6	203.1	198.0	192.2	185.9	179.1	173.8
32.5°	267.5	265.7	261.3	256.3	250.1	242.9	234.7	225.6	215.6	206.1	197.8
35°	321.2	319.1	313.8	307.7	300.0	290.9	280.2	268.2	254.8	242.2	229.3
37.5°	382.2	379.7	373.2	365.7	356.3	345.1	332.1	317.4	301.4	285.4	268.0
40°	443.2	441.2	434.6	426.8	416.6	404.0	389.1	371.9	353.3	333.8	312.8
42.5°	516.4	515.0	507.6	498.7	486.6	471.4	453.1	431.8	410.4	387.2	361.6
45°	602.6	601.3	592.5	581.8	567.5	549.4	527.8	506.1	477.3	448.3	417.4
47.5°	719.7	715.5	700.7	684.0	663.1	638.7	611.1	582.1	551.7	517.9	484.0
50°	842.5	836.3	817.7	796.5	770.2	738.9	703.3	667.3	630.5	591.0	552.0
52.5°	982.3	975.0	952.1	925.6	891.9	851.5	804.7	760.6	712.4	664.3	619.2
55°	1098.6	1093.8	1073.9	1049.5	1016.8	975.7	926.0	867.1	800.6	741.6	686.1
57.5°	1179.1	1179.8	1167.9	1151.3	1126.2	1092.1	1044.7	973.0	901.1	823.5	752.6
60°	1250.7	1251.5	1241.5	1229.0	1211.5	1189.3	1139.4	1067.6	988.5	904.3	823.7
62.5°	1296.2	1296.5	1292.7	1284.4	1271.8	1254.8	1205.7	1145.8	1066.7	980.2	890.1
65°	1350.7	1348.8	1342.5	1332.3	1318.9	1297.4	1259.5	1207.2	1133.9	1046.7	951.2
67.5°	1390.6	1388.3	1382.2	1372.7	1360.3	1340.6	1310.1	1264.1	1197.7	1108.7	1008.8
70°	1425.5	1422.5	1415.7	1405.6	1392.2	1374.7	1354.8	1315.9	1259.0	1171.9	1069.3
72.5°	1445.1	1447.1	1444.4	1435.7	1420.0	1401.1	1381.2	1357.7	1305.6	1223.4	1123.4
75°	1473.5	1473.4	1469.8	1460.7	1444.8	1423.5	1402.0	1381.0	1346.0	1265.0	1164.2
77.5°	1502.8	1494.7	1486.2	1475.5	1460.3	1444.1	1424.2	1403.8	1370.6	1305.7	1196.5
80°	1519.9	1511.1	1498.6	1484.7	1469.6	1457.5	1443.1	1425.8	1397.8	1338.9	1225.8
82.5°	1532.9	1520.0	1507.5	1492.8	1482.4	1469.4	1455.1	1438.9	1413.1	1358.0	1256.8
85°	1539.4	1523.8	1510.5	1502.7	1491.6	1478.6	1462.2	1443.8	1420.2	1373.1	1275.2
87.5°	1544.3	1519.2	1516.8	1508.7	1494.1	1480.6	1464.8	1445.7	1423.8	1383.2	1281.0
90°	1536.1	1520.7	1513.4	1506.9	1490.6	1479.2	1464.6	1445.1	1423.1	1384.9	1274.3
92.5°	1544.3	1519.2	1516.8	1508.7	1494.1	1480.6	1464.8	1445.7	1423.8	1383.2	1281.0
95°	1539.4	1523.8	1510.5	1502.7	1491.6	1478.6	1462.2	1443.8	1420.2	1373.1	1275.2
97.5°	1532.9	1520.0	1507.5	1492.8	1482.4	1469.4	1455.1	1438.9	1413.1	1358.0	1256.8
100°	1519.9	1511.1	1498.6	1484.7	1469.6	1457.5	1443.1	1425.8	1397.8	1338.9	1225.8
102.5°	1502.8	1494.7	1486.2	1475.5	1460.3	1444.1	1424.2	1403.8	1370.6	1305.7	1196.5
105°	1473.5	1473.4	1469.8	1460.7	1444.8	1423.5	1402.0	1381.0	1346.0	1265.0	1164.2
107.5°	1445.1	1447.1	1444.4	1435.7	1420.0	1401.1	1381.2	1357.7	1305.6	1223.4	1123.4
110°	1425.5	1422.5	1415.7	1405.6	1392.2	1374.7	1354.8	1315.9	1259.0	1171.9	1069.3



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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°	1390.6	1388.3	1382.2	1372.7	1360.3	1340.6	1310.1	1264.1	1197.7	1108.7	1008.8
115°	1350.7	1348.8	1342.5	1332.3	1318.9	1297.4	1259.5	1207.2	1133.9	1046.7	951.2
117.5°	1296.2	1296.5	1292.7	1284.4	1271.8	1254.8	1205.7	1145.8	1066.7	980.2	890.1
120°	1250.7	1251.5	1241.5	1229.0	1211.5	1189.3	1139.4	1067.6	988.5	904.3	823.7
122.5°	1179.1	1179.8	1167.9	1151.3	1126.2	1092.1	1044.7	973.0	901.1	823.5	752.6
125°	1098.6	1093.8	1073.9	1049.5	1016.8	975.7	926.0	867.1	800.6	741.6	686.1
127.5°	982.3	975.0	952.1	925.6	891.9	851.5	804.7	760.6	712.4	664.3	619.2
130°	842.5	836.3	817.7	796.5	770.2	738.9	703.3	667.3	630.5	591.0	552.0
132.5°	719.7	715.5	700.7	684.0	663.1	638.7	611.1	582.1	551.7	517.9	484.0
135°	602.6	601.3	592.5	581.8	567.5	549.4	527.8	506.1	477.3	448.3	417.4
137.5°	516.4	515.0	507.6	498.7	486.6	471.4	453.1	431.8	410.4	387.2	361.6
140°	443.2	441.2	434.6	426.8	416.6	404.0	389.1	371.9	353.3	333.8	312.8
142.5°	382.2	379.7	373.2	365.7	356.3	345.1	332.1	317.4	301.4	285.4	268.0
145°	321.2	319.1	313.8	307.7	300.0	290.9	280.2	268.2	254.8	242.2	229.3
147.5°	267.5	265.7	261.3	256.3	250.1	242.9	234.7	225.6	215.6	206.1	197.8
150°	217.9	217.0	214.3	211.3	207.6	203.1	198.0	192.2	185.9	179.1	173.8
152.5°	183.0	182.6	181.0	179.2	176.9	174.1	171.0	167.4	163.4	159.2	155.2
155°	156.9	156.9	156.1	155.1	153.8	152.1	150.1	147.9	145.5	142.8	140.0
157.5°	135.8	136.2	136.5	135.4	134.7	133.8	132.6	131.3	129.8	128.2	126.5
160°	115.5	116.4	117.2	116.7	116.6	116.3	115.8	115.1	114.3	113.3	112.3
162.5°	95.1	96.4	97.6	97.8	98.3	98.6	98.7	98.6	98.4	98.1	97.6
165°	77.3	78.7	80.1	80.7	81.5	82.2	82.7	83.0	83.1	83.1	82.8
167.5°	64.2	65.3	66.4	67.1	67.8	68.5	69.0	69.4	69.6	69.7	69.7
170°	55.3	56.0	56.7	57.4	57.4	57.6	57.8	57.9	57.8	57.6	57.3
172.5°	43.1	43.6	44.0	44.5	44.4	44.5	44.6	44.5	44.4	44.2	43.9
175°	30.1	30.4	30.7	31.0	31.2	30.7	30.7	30.6	30.4	30.1	29.8
177.5°	13.8	14.0	14.1	14.3	14.4	14.6	14.7	14.3	14.2	14.2	14.1
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
0°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
2.5°	14.0	13.8	13.7	13.5	13.3	13.1	12.8	12.5	12.2	11.9	11.6
5°	29.5	29.1	28.6	28.0	27.5	26.8	26.1	25.4	24.6	23.7	22.8
7.5°	43.5	43.1	42.5	41.9	41.2	40.4	39.6	38.7	37.6	36.4	35.1
10°	56.9	56.4	55.8	55.0	54.2	53.2	52.1	50.9	49.5	48.1	46.5
12.5°	69.5	69.2	68.7	68.1	67.2	66.0	64.7	63.2	61.6	59.8	57.9
15°	82.4	81.9	81.1	80.3	79.5	78.4	77.1	75.5	73.8	71.7	69.4
17.5°	97.0	96.3	95.4	94.3	93.0	91.5	89.9	88.0	86.0	83.7	81.2
20°	111.2	110.1	109.0	107.8	106.6	105.3	103.5	101.3	99.0	96.4	93.4
22.5°	124.8	123.2	121.6	120.0	118.4	116.9	115.3	113.7	112.2	109.2	106.0
25°	137.6	135.3	133.0	130.7	128.7	126.9	125.3	123.7	122.0	120.4	119.1
27.5°	151.6	147.8	144.0	140.6	138.0	135.6	133.7	131.7	130.3	129.0	127.4
30°	168.2	162.4	156.9	152.1	147.7	143.2	140.7	138.4	137.4	137.3	137.1
32.5°	189.1	180.0	172.4	165.6	158.7	153.3	150.0	147.5	146.8	146.0	145.7
35°	215.9	202.9	192.5	181.7	173.5	168.3	162.8	159.7	156.6	155.1	154.2
37.5°	249.5	233.1	217.3	205.2	195.1	185.5	178.6	172.6	168.2	164.9	162.9
40°	291.0	270.2	251.3	235.3	220.3	206.9	196.3	187.1	180.7	175.6	172.2
42.5°	337.2	315.0	292.4	271.1	251.0	232.8	216.1	204.5	194.0	187.3	182.2
45°	390.7	362.3	336.1	309.9	285.3	261.3	241.6	222.7	210.3	199.5	192.6
47.5°	449.4	414.7	382.6	350.7	321.9	294.2	268.4	246.6	226.9	213.8	203.8
50°	512.2	472.7	432.1	395.5	360.7	327.9	298.0	270.6	248.2	229.0	215.3
52.5°	573.7	530.1	486.3	442.0	400.9	363.0	328.1	297.2	270.1	246.4	234.1
55°	634.5	584.2	537.2	490.7	443.0	399.1	358.2	324.1	298.5	277.4	261.1
57.5°	693.7	637.7	584.2	534.8	486.4	436.4	395.3	359.8	330.0	307.3	289.3
60°	748.9	687.3	629.9	574.3	527.0	479.7	433.2	393.5	361.4	336.2	316.8
62.5°	805.2	730.7	671.3	616.6	564.5	517.6	469.8	427.0	391.0	361.9	342.8
65°	857.2	778.1	709.4	653.1	599.5	549.9	502.9	456.7	418.6	387.9	367.1
67.5°	913.2	825.9	749.5	684.2	629.2	578.0	531.2	485.2	445.3	412.6	388.8
70°	967.0	870.4	786.8	711.9	654.0	602.7	555.3	510.1	468.6	434.9	408.1
72.5°	1013.2	909.6	818.0	739.3	673.9	622.0	575.7	532.8	489.1	455.6	428.4
75°	1054.6	943.4	843.4	760.7	688.9	636.9	591.1	546.6	505.4	472.0	446.4
77.5°	1087.2	969.6	864.0	779.8	704.9	646.2	599.4	557.1	517.8	485.5	462.1
80°	1111.2	998.5	891.4	798.1	717.2	652.2	604.6	564.2	527.3	496.4	475.7
82.5°	1134.7	1021.8	911.3	812.9	725.6	655.2	606.8	568.3	534.3	505.3	487.7
85°	1149.2	1035.7	923.8	823.4	730.1	655.1	606.5	570.0	539.1	512.5	498.5
87.5°	1154.3	1044.5	932.4	832.0	732.6	653.4	604.7	570.2	542.7	518.6	508.6
90°	1149.9	1036.0	927.0	828.7	726.2	646.5	599.3	567.6	544.0	523.7	518.0
92.5°	1154.3	1044.5	932.4	832.0	732.6	653.4	604.7	570.2	542.7	518.6	508.5
95°	1149.2	1035.7	923.8	823.4	730.1	655.1	606.5	570.0	539.1	512.5	498.5
97.5°	1134.7	1021.8	911.3	812.9	725.6	655.2	606.8	568.3	534.3	505.3	487.7
100°	1111.2	998.5	891.4	798.1	717.2	652.2	604.6	564.2	527.3	496.4	475.7
102.5°	1087.2	969.6	864.0	779.8	704.9	646.2	599.4	557.1	517.8	485.5	462.1
105°	1054.6	943.4	843.4	760.7	688.9	636.9	591.1	546.6	505.4	472.0	446.4
107.5°	1013.2	909.6	818.0	739.3	673.9	622.0	575.7	532.8	489.1	455.6	428.4
110°	967.0	870.4	786.8	711.9	654.0	602.7	555.3	510.1	468.6	434.9	408.1



TEST NUMBER: P231950

CATALOG NUMBER: FVS4WM-4-LD4-40-1STD-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
112.5°	913.2	825.9	749.5	684.2	629.2	578.0	531.2	485.2	445.3	412.6	388.8
115°	857.2	778.1	709.4	653.1	599.5	549.9	502.9	456.7	418.6	387.9	367.1
117.5°	805.2	730.7	671.3	616.6	564.5	517.6	469.8	427.0	391.0	361.9	342.8
120°	748.9	687.3	629.9	574.3	527.0	479.7	433.2	393.5	361.4	336.2	316.8
122.5°	693.7	637.7	584.2	534.8	486.4	436.4	395.3	359.8	330.0	307.3	289.3
125°	634.5	584.2	537.2	490.7	443.0	399.1	358.2	324.1	298.5	277.4	261.1
127.5°	573.7	530.1	486.3	442.0	400.9	363.0	328.1	297.2	270.1	246.4	234.1
130°	512.2	472.7	432.1	395.5	360.7	327.9	298.0	270.6	248.2	229.0	215.3
132.5°	449.4	414.7	382.6	350.7	321.9	294.2	268.4	246.6	226.9	213.8	203.8
135°	390.7	362.3	336.1	309.9	285.3	261.3	241.6	222.7	210.3	199.5	192.6
137.5°	337.2	315.0	292.4	271.1	251.0	232.8	216.1	204.5	194.0	187.3	182.2
140°	291.0	270.2	251.3	235.3	220.3	206.9	196.3	187.1	180.7	175.6	172.2
142.5°	249.5	233.1	217.3	205.2	195.1	185.5	178.6	172.6	168.2	164.9	162.9
145°	215.9	202.9	192.5	181.7	173.5	168.3	162.8	159.7	156.6	155.1	154.2
147.5°	189.1	180.0	172.4	165.6	158.7	153.3	150.0	147.5	146.8	146.0	145.7
150°	168.2	162.4	156.9	152.1	147.7	143.2	140.7	138.4	137.4	137.3	137.1
152.5°	151.6	147.8	144.0	140.6	138.0	135.6	133.7	131.7	130.3	129.0	127.4
155°	137.6	135.3	133.0	130.7	128.7	126.9	125.3	123.7	122.0	120.4	119.1
157.5°	124.8	123.2	121.6	120.0	118.4	116.9	115.3	113.7	112.2	109.2	106.0
160°	111.2	110.1	109.0	107.8	106.6	105.3	103.5	101.3	99.0	96.4	93.4
162.5°	97.0	96.3	95.4	94.3	93.0	91.5	89.9	88.0	86.0	83.7	81.2
165°	82.4	81.9	81.1	80.3	79.5	78.4	77.1	75.5	73.8	71.7	69.4
167.5°	69.5	69.2	68.7	68.1	67.2	66.0	64.7	63.2	61.6	59.8	57.9
170°	56.9	56.4	55.8	55.0	54.2	53.2	52.1	50.9	49.5	48.1	46.5
172.5°	43.5	43.1	42.5	41.9	41.2	40.4	39.6	38.7	37.6	36.4	35.1
175°	29.5	29.1	28.6	28.0	27.5	26.8	26.1	25.4	24.6	23.7	22.8
177.5°	14.0	13.8	13.7	13.5	13.3	13.1	12.8	12.5	12.2	11.9	11.6
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: P231950

CATALOG NUMBER: FVS4WM-4-LD4-40-1STD-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
2.5°	11.2	10.8	10.4	10.0	9.6	9.1	8.7	8.2	7.7	7.2	6.7
5°	21.9	20.9	19.9	19.1	18.2	17.3	16.4	15.5	14.5	13.5	12.5
7.5°	33.7	32.2	30.7	29.1	27.5	25.8	24.1	22.6	21.2	19.7	18.2
10°	44.9	43.1	41.4	39.2	37.1	34.9	32.6	30.3	27.9	25.9	23.9
12.5°	55.8	53.6	51.3	48.9	46.3	43.7	40.9	38.0	35.1	32.1	29.5
15°	67.0	64.4	62.0	58.6	55.5	52.3	49.0	45.6	42.2	38.6	35.1
17.5°	78.9	75.3	72.0	68.6	64.9	61.1	57.1	53.1	49.0	45.0	41.0
20°	90.2	86.6	82.8	78.8	74.5	70.1	65.5	60.7	55.8	51.3	46.7
22.5°	102.5	98.5	94.0	89.3	84.4	79.2	74.0	68.5	62.9	57.4	52.4
25°	114.7	110.6	105.9	100.4	95.3	90.1	84.9	79.5	74.0	68.4	63.3
27.5°	126.3	123.4	119.3	114.9	109.4	103.9	98.2	92.3	86.5	80.5	74.8
30°	136.3	135.2	132.5	128.0	123.0	117.2	111.2	105.0	98.9	92.4	86.1
32.5°	145.5	144.7	143.5	140.4	135.6	130.0	123.9	117.4	110.6	103.9	97.4
35°	153.8	153.5	152.7	151.4	147.4	142.2	136.1	130.0	122.4	115.2	108.6
37.5°	162.0	161.5	161.3	160.3	159.2	153.5	147.7	141.3	134.1	126.3	119.5
40°	170.3	169.3	169.1	168.8	167.7	164.4	158.8	152.5	145.6	137.5	130.2
42.5°	178.8	177.4	176.6	176.6	176.0	175.0	169.3	163.3	156.8	148.5	140.7
45°	188.1	185.1	184.3	184.0	184.1	183.2	179.5	173.7	167.3	159.3	151.0
47.5°	196.8	193.6	191.8	191.1	191.5	192.6	194.0	191.4	187.9	181.9	172.9
50°	207.2	202.6	204.0	207.6	211.9	216.2	219.3	217.8	214.9	209.5	198.1
52.5°	226.6	224.4	225.8	229.1	233.8	239.1	243.2	243.7	241.5	237.8	223.9
55°	251.1	247.1	246.9	250.0	255.3	261.3	266.6	269.2	267.9	265.2	250.2
57.5°	276.4	269.1	267.5	270.8	276.5	283.1	289.6	294.3	293.9	291.8	276.8
60°	300.9	291.5	289.1	291.5	297.2	304.6	312.2	318.8	319.4	318.2	303.7
62.5°	326.4	315.3	310.5	311.7	317.5	325.8	334.5	342.2	344.7	344.4	330.9
65°	351.2	338.4	331.4	331.5	337.5	346.8	356.4	365.3	369.6	370.4	358.4
67.5°	374.5	360.7	351.9	351.7	357.8	367.6	378.2	388.3	394.4	396.2	386.0
70°	396.4	383.1	374.0	371.9	376.1	384.4	393.4	401.9	406.9	404.5	390.8
72.5°	414.3	400.7	389.6	385.7	388.6	395.4	402.8	410.1	415.2	409.6	392.3
75°	429.9	416.1	404.0	399.2	401.4	406.8	412.8	418.5	424.0	415.4	393.7
77.5°	445.3	431.2	418.0	412.6	414.4	418.8	423.2	426.9	433.0	421.8	395.0
80°	460.5	445.8	431.4	425.8	427.7	431.0	434.0	435.4	442.3	428.5	396.1
82.5°	475.5	460.1	444.5	439.0	441.1	443.6	445.1	444.1	451.8	435.4	398.5
85°	490.1	473.9	457.3	452.0	454.8	456.4	456.5	452.6	461.7	443.2	398.2
87.5°	504.5	487.5	469.9	465.1	468.4	469.3	467.7	461.7	470.7	449.3	398.0
90°	518.0	500.1	482.2	478.2	482.2	482.2	479.0	470.8	479.8	455.4	397.7
92.5°	504.5	487.5	469.9	465.1	468.4	469.3	467.7	461.7	470.7	449.3	398.0
95°	490.1	473.9	457.3	452.0	454.8	456.4	456.5	452.6	461.7	443.2	398.2
97.5°	475.5	460.1	444.5	439.0	441.1	443.6	445.1	444.1	451.8	435.4	398.5
100°	460.5	445.8	431.4	425.8	427.7	431.0	434.0	435.4	442.3	428.5	396.1
102.5°	445.3	431.2	418.0	412.6	414.4	418.8	423.2	426.9	433.0	421.8	395.0
105°	429.9	416.1	404.0	399.2	401.4	406.8	412.8	418.5	424.0	415.4	393.7
107.5°	414.3	400.7	389.6	385.7	388.6	395.4	402.8	410.1	415.2	409.6	392.3
110°	396.4	383.1	374.0	371.9	376.1	384.4	393.4	401.9	406.9	404.5	390.8



TEST NUMBER: P231950

CATALOG NUMBER: FVS4WM-4-LD4-40-1STD-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
112.5°	374.5	360.7	351.9	351.7	357.8	367.6	378.2	388.3	394.4	396.2	386.0
115°	351.2	338.4	331.4	331.5	337.5	346.8	356.4	365.3	369.6	370.4	358.4
117.5°	326.4	315.3	310.5	311.7	317.5	325.8	334.5	342.2	344.7	344.4	330.9
120°	300.9	291.5	289.1	291.5	297.2	304.6	312.2	318.8	319.4	318.2	303.7
122.5°	276.4	269.1	267.5	270.8	276.5	283.1	289.6	294.3	293.9	291.8	276.8
125°	251.1	247.1	246.9	250.0	255.3	261.3	266.6	269.2	267.9	265.2	250.2
127.5°	226.6	224.4	225.8	229.1	233.8	239.1	243.2	243.7	241.5	237.8	223.9
130°	207.2	202.6	204.0	207.6	211.9	216.2	219.3	217.8	214.9	209.5	198.1
132.5°	196.8	193.6	191.8	191.1	191.5	192.6	194.0	191.4	187.9	181.9	172.9
135°	188.1	185.1	184.3	184.0	184.1	183.2	179.5	173.7	167.3	159.3	151.0
137.5°	178.8	177.4	176.6	176.6	176.0	175.0	169.3	163.3	156.8	148.5	140.7
140°	170.3	169.3	169.1	168.8	167.7	164.4	158.8	152.5	145.6	137.5	130.2
142.5°	162.0	161.5	161.3	160.3	159.2	153.5	147.7	141.3	134.1	126.3	119.5
145°	153.8	153.5	152.7	151.4	147.4	142.2	136.1	130.0	122.4	115.2	108.6
147.5°	145.5	144.7	143.5	140.4	135.6	130.0	123.9	117.4	110.6	103.9	97.4
150°	136.3	135.2	132.5	128.0	123.0	117.2	111.2	105.0	98.9	92.4	86.1
152.5°	126.3	123.4	119.3	114.9	109.4	103.9	98.2	92.3	86.5	80.5	74.8
155°	114.7	110.6	105.9	100.4	95.3	90.1	84.9	79.5	74.0	68.4	63.3
157.5°	102.5	98.5	94.0	89.3	84.4	79.2	74.0	68.5	62.9	57.4	52.4
160°	90.2	86.6	82.8	78.8	74.5	70.1	65.5	60.7	55.8	51.3	46.7
162.5°	78.9	75.3	72.0	68.6	64.9	61.1	57.1	53.1	49.0	45.0	41.0
165°	67.0	64.4	62.0	58.6	55.5	52.3	49.0	45.6	42.2	38.6	35.1
167.5°	55.8	53.6	51.3	48.9	46.3	43.7	40.9	38.0	35.1	32.1	29.5
170°	44.9	43.1	41.4	39.2	37.1	34.9	32.6	30.3	27.9	25.9	23.9
172.5°	33.7	32.2	30.7	29.1	27.5	25.8	24.1	22.6	21.2	19.7	18.2
175°	21.9	20.9	19.9	19.1	18.2	17.3	16.4	15.5	14.5	13.5	12.5
177.5°	11.2	10.8	10.4	10.0	9.6	9.1	8.7	8.2	7.7	7.2	6.7
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: P231950

CATALOG NUMBER: FVS4WM-4-LD4-40-1STD-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
0°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
2.5°	6.2	5.6	5.1	4.5	4.5	4.5	4.4	4.4	4.4	4.3	4.3
5°	11.5	10.4	9.3	8.2	8.2	8.1	8.0	7.9	7.8	7.7	7.6
7.5°	16.7	15.1	13.5	11.9	11.8	11.7	11.5	11.3	11.1	10.9	10.7
10°	21.9	19.8	17.8	15.6	15.4	15.2	14.9	14.7	14.4	14.1	13.8
12.5°	27.0	24.5	21.9	19.4	19.0	18.7	18.3	17.9	17.5	17.3	17.0
15°	32.1	29.1	26.1	23.1	22.6	22.1	21.6	21.1	20.8	20.5	20.1
17.5°	37.1	33.7	30.3	26.8	26.2	25.5	24.8	24.4	24.0	23.6	23.1
20°	42.1	38.2	34.4	30.5	29.7	28.9	28.1	27.6	27.2	26.7	26.2
22.5°	47.3	42.7	38.5	34.2	33.2	32.2	31.3	30.9	30.3	29.8	29.1
25°	58.2	53.5	49.3	45.0	44.1	42.9	42.0	41.2	40.0	38.5	36.8
27.5°	69.5	64.3	60.2	55.9	55.0	54.0	53.3	52.6	51.1	49.3	47.1
30°	80.6	75.0	70.9	66.7	66.0	65.2	64.8	64.1	62.1	59.9	56.9
32.5°	91.5	85.7	81.6	77.5	77.1	76.5	76.3	75.3	72.9	70.0	66.1
35°	102.3	96.4	92.2	88.4	88.2	87.9	87.8	86.4	83.7	79.5	74.9
37.5°	113.0	107.0	102.7	99.2	99.3	99.3	99.5	97.4	94.3	88.7	82.9
40°	123.5	117.5	113.2	110.0	110.4	110.8	111.2	108.3	103.9	97.6	90.4
42.5°	133.9	127.9	123.6	120.9	121.6	122.3	123.0	119.1	113.3	106.3	97.2
45°	144.2	138.3	133.9	131.7	132.8	133.9	134.1	129.8	122.5	113.6	103.7
47.5°	163.5	154.4	146.5	141.1	139.8	139.0	137.4	132.8	125.2	116.5	107.1
50°	184.6	171.2	159.4	150.5	146.6	143.5	139.7	133.8	125.6	116.7	107.9
52.5°	206.5	188.6	172.5	159.9	153.2	147.7	141.8	134.5	126.0	117.2	109.4
55°	229.0	206.3	185.8	169.3	159.6	151.6	143.7	135.3	126.6	118.2	111.5
57.5°	252.3	224.5	199.3	178.7	165.9	155.2	145.5	136.2	127.5	119.6	114.2
60°	276.0	243.0	212.9	188.1	172.1	158.6	147.1	137.2	128.6	121.8	117.6
62.5°	300.3	261.7	226.7	197.5	178.1	161.8	148.7	138.2	130.0	124.4	121.8
65°	324.9	280.8	240.6	206.9	184.1	164.9	150.2	139.3	131.6	127.4	126.5
67.5°	349.9	300.0	254.5	216.3	189.9	167.8	151.6	140.4	133.4	130.7	131.7
70°	352.4	300.8	254.1	215.3	188.5	166.5	150.6	139.7	133.2	131.3	133.4
72.5°	352.9	300.9	253.5	214.3	187.1	165.2	149.5	138.7	132.4	130.6	132.8
75°	353.1	300.8	254.3	213.3	185.8	163.9	148.5	137.8	131.7	129.9	132.1
77.5°	352.9	300.4	253.1	212.3	184.5	162.8	147.6	137.0	131.0	129.1	131.2
80°	352.4	301.4	251.9	211.4	183.3	161.8	146.9	136.3	130.4	128.4	130.3
82.5°	352.9	300.1	250.7	210.4	182.1	160.9	146.2	135.6	129.8	127.6	129.3
85°	351.0	298.7	249.6	209.4	181.0	160.0	145.6	135.1	129.3	126.8	128.2
87.5°	349.1	297.4	248.4	208.4	179.9	159.3	145.1	134.6	128.9	126.0	127.1
90°	347.2	296.0	247.2	207.4	178.9	158.6	144.7	134.2	128.5	125.2	126.0
92.5°	349.1	297.4	248.4	208.4	179.9	159.3	145.1	134.6	128.9	126.0	127.1
95°	351.0	298.7	249.6	209.4	181.0	160.0	145.6	135.1	129.3	126.8	128.2
97.5°	352.9	300.1	250.7	210.4	182.1	160.9	146.2	135.6	129.8	127.6	129.3
100°	352.4	301.4	251.9	211.4	183.3	161.8	146.9	136.3	130.4	128.4	130.3
102.5°	352.9	300.4	253.1	212.3	184.5	162.8	147.6	137.0	131.0	129.1	131.2
105°	353.1	300.8	254.3	213.3	185.8	163.9	148.5	137.8	131.7	129.9	132.1
107.5°	352.9	300.9	253.5	214.3	187.1	165.2	149.5	138.7	132.4	130.6	132.8
110°	352.4	300.8	254.1	215.3	188.5	166.5	150.6	139.7	133.2	131.3	133.4



TEST NUMBER: P231950

CATALOG NUMBER: FVS4WM-4-LD4-40-1STD-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
112.5°	349.9	300.0	254.5	216.3	189.9	167.8	151.6	140.4	133.4	130.7	131.7
115°	324.9	280.8	240.6	206.9	184.1	164.9	150.2	139.3	131.6	127.4	126.5
117.5°	300.3	261.7	226.7	197.5	178.1	161.8	148.7	138.2	130.0	124.4	121.8
120°	276.0	243.0	212.9	188.1	172.1	158.6	147.1	137.2	128.6	121.8	117.6
122.5°	252.3	224.5	199.3	178.7	165.9	155.2	145.5	136.2	127.5	119.6	114.2
125°	229.0	206.3	185.8	169.3	159.6	151.6	143.7	135.3	126.6	118.2	111.5
127.5°	206.5	188.6	172.5	159.9	153.2	147.7	141.8	134.5	126.0	117.2	109.4
130°	184.6	171.2	159.4	150.5	146.6	143.5	139.7	133.8	125.6	116.7	107.9
132.5°	163.5	154.4	146.5	141.1	139.8	139.0	137.4	132.8	125.2	116.5	107.1
135°	144.2	138.3	133.9	131.7	132.8	133.9	134.1	129.8	122.5	113.6	103.7
137.5°	133.9	127.9	123.6	120.9	121.6	122.3	123.0	119.1	113.3	106.3	97.2
140°	123.5	117.5	113.2	110.0	110.4	110.8	111.2	108.3	103.9	97.6	90.4
142.5°	113.0	107.0	102.7	99.2	99.3	99.3	99.5	97.4	94.3	88.7	82.9
145°	102.3	96.4	92.2	88.4	88.2	87.9	87.8	86.4	83.7	79.5	74.9
147.5°	91.5	85.7	81.6	77.5	77.1	76.5	76.3	75.3	72.9	70.0	66.1
150°	80.6	75.0	70.9	66.7	66.0	65.2	64.8	64.1	62.1	59.9	56.9
152.5°	69.5	64.3	60.2	55.9	55.0	54.0	53.3	52.6	51.1	49.3	47.1
155°	58.2	53.5	49.3	45.0	44.1	42.9	42.0	41.2	40.0	38.5	36.8
157.5°	47.3	42.7	38.5	34.2	33.2	32.2	31.3	30.9	30.3	29.8	29.1
160°	42.1	38.2	34.4	30.5	29.7	28.9	28.1	27.6	27.2	26.7	26.2
162.5°	37.1	33.7	30.3	26.8	26.2	25.5	24.8	24.4	24.0	23.6	23.1
165°	32.1	29.1	26.1	23.1	22.6	22.1	21.6	21.1	20.8	20.5	20.1
167.5°	27.0	24.5	21.9	19.4	19.0	18.7	18.3	17.9	17.5	17.3	17.0
170°	21.9	19.8	17.8	15.6	15.4	15.2	14.9	14.7	14.4	14.1	13.8
172.5°	16.7	15.1	13.5	11.9	11.8	11.7	11.5	11.3	11.1	10.9	10.7
175°	11.5	10.4	9.3	8.2	8.2	8.1	8.0	7.9	7.8	7.7	7.6
177.5°	6.2	5.6	5.1	4.5	4.5	4.5	4.4	4.4	4.4	4.3	4.3
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: P231950

CATALOG NUMBER: FVS4WM-4-LD4-40-1STD-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
0°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
2.5°	4.2	4.1	4.1	4.0	3.9	3.8	3.7	3.6	3.5	3.4	3.3
5°	7.4	7.3	7.1	6.9	6.8	6.6	6.4	6.2	6.0	5.8	5.6
7.5°	10.5	10.3	10.1	9.9	9.6	9.4	9.1	8.8	8.5	8.2	7.9
10°	13.6	13.3	13.0	12.7	12.4	12.1	11.7	11.3	10.9	10.5	10.1
12.5°	16.7	16.3	16.0	15.6	15.2	14.7	14.3	13.8	13.3	12.8	12.2
15°	19.7	19.3	18.8	18.3	17.8	17.3	16.7	16.2	15.6	15.0	14.3
17.5°	22.7	22.2	21.6	21.0	20.4	19.8	19.2	18.5	17.8	17.1	16.3
20°	25.6	25.0	24.4	23.7	23.0	22.3	21.5	20.7	19.9	19.1	18.2
22.5°	28.5	27.8	27.1	26.3	25.5	24.7	23.8	22.9	22.0	21.0	20.1
25°	34.9	32.9	30.8	28.9	28.0	27.0	26.0	25.0	24.0	23.0	21.9
27.5°	44.6	42.0	39.3	36.7	34.1	31.6	29.2	27.1	26.0	24.9	23.7
30°	53.7	50.3	46.9	43.6	40.4	37.5	34.7	32.1	29.7	27.4	25.4
32.5°	62.1	57.8	53.6	49.6	45.9	42.5	39.4	36.5	33.7	31.2	28.7
35°	69.7	64.5	59.6	54.9	50.8	46.9	43.5	40.2	37.2	34.3	31.7
37.5°	76.6	70.6	64.8	59.7	54.9	50.9	47.0	43.4	40.1	37.0	34.3
40°	83.0	76.1	69.7	63.8	58.9	54.3	50.1	46.2	42.6	39.5	36.8
42.5°	88.9	80.9	74.0	67.8	62.3	57.4	52.7	48.6	44.9	41.8	38.8
45°	94.3	85.6	77.8	71.4	65.5	60.0	55.1	50.8	47.1	43.6	40.2
47.5°	98.1	89.7	81.7	74.6	68.3	62.5	57.2	52.9	48.9	45.0	41.5
50°	99.7	92.4	85.8	79.0	72.0	64.9	59.4	54.8	50.4	46.2	42.2
52.5°	102.5	96.3	90.9	84.9	78.2	71.2	64.5	57.9	51.5	46.9	42.6
55°	106.0	101.3	96.8	91.4	84.8	77.7	70.6	63.5	56.5	49.6	43.1
57.5°	110.3	107.2	103.5	98.5	91.8	84.1	76.5	68.8	61.2	53.6	47.0
60°	115.4	113.7	110.7	105.7	98.7	90.4	82.2	73.9	65.4	57.5	50.5
62.5°	121.1	120.9	118.6	113.3	105.4	96.6	87.8	78.7	69.3	61.3	53.8
65°	127.5	128.5	126.9	121.1	112.1	102.7	93.2	83.1	73.3	64.9	56.7
67.5°	134.4	136.3	134.8	128.8	118.9	108.9	98.5	87.4	77.4	68.3	59.7
70°	137.7	141.1	140.8	135.5	125.5	114.9	103.8	91.4	81.3	71.5	62.6
72.5°	137.1	140.5	140.3	135.4	127.1	117.7	106.8	95.1	85.1	74.8	65.4
75°	136.4	140.1	140.3	135.9	128.7	119.4	108.2	96.5	85.9	76.0	67.0
77.5°	135.7	139.8	140.5	137.1	130.7	121.4	109.9	97.9	86.9	76.8	67.7
80°	134.9	139.5	141.0	138.8	133.1	123.9	112.0	99.6	88.2	77.8	68.7
82.5°	134.0	139.3	141.6	140.8	135.9	126.6	114.5	101.4	89.8	79.2	70.1
85°	133.1	139.0	142.4	143.1	138.9	129.6	117.4	103.5	91.7	80.9	71.8
87.5°	132.0	138.6	143.2	145.5	142.2	133.0	120.7	106.1	94.1	82.9	73.9
90°	130.9	138.2	143.9	148.0	145.6	136.6	124.4	109.0	96.8	85.4	76.4
92.5°	132.0	138.6	143.2	145.5	142.2	133.0	120.7	106.1	94.1	82.9	73.9
95°	133.1	139.0	142.4	143.1	138.9	129.6	117.4	103.5	91.7	80.9	71.8
97.5°	134.0	139.3	141.6	140.8	135.9	126.6	114.5	101.4	89.8	79.2	70.1
100°	134.9	139.5	141.0	138.8	133.1	123.9	112.0	99.6	88.2	77.8	68.7
102.5°	135.7	139.8	140.5	137.1	130.7	121.4	109.9	97.9	86.9	76.8	67.7
105°	136.4	140.1	140.3	135.9	128.7	119.4	108.2	96.5	85.9	76.0	67.0
107.5°	137.1	140.5	140.3	135.4	127.1	117.7	106.8	95.1	85.1	74.8	65.4
110°	137.7	141.1	140.8	135.5	125.5	114.9	103.8	91.4	81.3	71.5	62.6



TEST NUMBER: P231950

CATALOG NUMBER: FVS4WM-4-LD4-40-1STD-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
112.5°	134.4	136.3	134.8	128.8	118.9	108.9	98.5	87.4	77.4	68.3	59.7
115°	127.5	128.5	126.9	121.1	112.1	102.7	93.2	83.1	73.3	64.9	56.7
117.5°	121.1	120.9	118.6	113.3	105.4	96.6	87.8	78.7	69.3	61.3	53.8
120°	115.4	113.7	110.7	105.7	98.7	90.4	82.2	73.9	65.4	57.5	50.5
122.5°	110.3	107.2	103.5	98.5	91.8	84.1	76.5	68.8	61.2	53.6	47.0
125°	106.0	101.3	96.8	91.4	84.8	77.7	70.6	63.5	56.5	49.6	43.1
127.5°	102.5	96.3	90.9	84.9	78.2	71.2	64.5	57.9	51.5	46.9	42.6
130°	99.7	92.4	85.8	79.0	72.0	64.9	59.4	54.8	50.4	46.2	42.2
132.5°	98.1	89.7	81.7	74.6	68.3	62.5	57.2	52.9	48.9	45.0	41.5
135°	94.3	85.6	77.8	71.4	65.5	60.0	55.1	50.8	47.1	43.6	40.2
137.5°	88.9	80.9	74.0	67.8	62.3	57.4	52.7	48.6	44.9	41.8	38.8
140°	83.0	76.1	69.7	63.8	58.9	54.3	50.1	46.2	42.6	39.5	36.8
142.5°	76.6	70.6	64.8	59.7	54.9	50.9	47.0	43.4	40.1	37.0	34.3
145°	69.7	64.5	59.6	54.9	50.8	46.9	43.5	40.2	37.2	34.3	31.7
147.5°	62.1	57.8	53.6	49.6	45.9	42.5	39.4	36.5	33.7	31.2	28.7
150°	53.7	50.3	46.9	43.6	40.4	37.5	34.7	32.1	29.7	27.4	25.4
152.5°	44.6	42.0	39.3	36.7	34.1	31.6	29.2	27.1	26.0	24.9	23.7
155°	34.9	32.9	30.8	28.9	28.0	27.0	26.0	25.0	24.0	23.0	21.9
157.5°	28.5	27.8	27.1	26.3	25.5	24.7	23.8	22.9	22.0	21.0	20.1
160°	25.6	25.0	24.4	23.7	23.0	22.3	21.5	20.7	19.9	19.1	18.2
162.5°	22.7	22.2	21.6	21.0	20.4	19.8	19.2	18.5	17.8	17.1	16.3
165°	19.7	19.3	18.8	18.3	17.8	17.3	16.7	16.2	15.6	15.0	14.3
167.5°	16.7	16.3	16.0	15.6	15.2	14.7	14.3	13.8	13.3	12.8	12.2
170°	13.6	13.3	13.0	12.7	12.4	12.1	11.7	11.3	10.9	10.5	10.1
172.5°	10.5	10.3	10.1	9.9	9.6	9.4	9.1	8.8	8.5	8.2	7.9
175°	7.4	7.3	7.1	6.9	6.8	6.6	6.4	6.2	6.0	5.8	5.6
177.5°	4.2	4.1	4.1	4.0	3.9	3.8	3.7	3.6	3.5	3.4	3.3
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: P231950

CATALOG NUMBER: FVS4WM-4-LD4-40-1STD-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
0°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
2.5°	3.2	3.0	2.9	2.8	2.7	2.5	2.4	2.3	2.1	2.0	1.8
5°	5.4	5.2	4.9	4.7	4.4	4.2	3.9	3.6	3.4	3.1	2.8
7.5°	7.6	7.2	6.9	6.5	6.1	5.8	5.4	5.0	4.6	4.2	3.8
10°	9.7	9.2	8.7	8.3	7.8	7.3	6.8	6.3	5.7	5.2	4.7
12.5°	11.7	11.1	10.5	10.0	9.4	8.7	8.1	7.5	6.8	6.2	5.5
15°	13.7	13.0	12.3	11.6	10.9	10.1	9.4	8.6	7.9	7.1	6.3
17.5°	15.5	14.8	14.0	13.1	12.3	11.5	10.6	9.8	8.9	8.0	7.1
20°	17.3	16.4	15.5	14.6	13.7	12.8	11.8	10.8	9.9	8.9	7.9
22.5°	19.1	18.1	17.1	16.1	15.1	14.0	13.0	11.9	10.8	9.7	8.6
25°	20.8	19.8	18.6	17.5	16.4	15.2	14.1	12.9	11.7	10.5	9.3
27.5°	22.5	21.3	20.1	18.9	17.7	16.4	15.1	13.9	12.6	11.4	10.1
30°	24.2	22.9	21.6	20.2	18.9	17.7	16.5	15.2	13.9	12.4	11.0
32.5°	26.4	24.4	23.0	21.9	20.6	19.3	17.8	16.3	14.7	13.3	11.8
35°	29.2	27.2	25.3	23.6	22.0	20.4	19.0	17.5	16.0	14.4	12.7
37.5°	32.0	29.8	27.5	25.3	23.5	22.1	20.5	18.8	17.0	15.2	13.4
40°	34.2	31.6	29.3	27.3	25.4	23.4	21.6	19.7	17.8	16.0	14.1
42.5°	35.8	33.2	30.9	28.5	26.3	24.3	22.6	20.7	18.7	16.7	14.6
45°	37.2	34.4	31.6	29.1	26.9	24.9	23.1	21.4	19.2	17.0	14.8
47.5°	38.1	34.9	32.0	29.5	27.2	25.1	23.1	21.1	19.3	17.0	14.8
50°	38.5	35.2	32.3	29.6	27.1	24.8	22.6	20.6	18.8	17.0	14.7
52.5°	38.7	35.3	32.2	29.4	26.8	24.2	21.9	19.9	18.1	16.6	15.0
55°	38.8	35.1	31.9	29.0	26.1	23.4	21.3	19.5	17.9	16.4	14.8
57.5°	40.8	35.1	31.6	28.3	25.2	23.0	21.0	19.2	17.3	15.5	13.9
60°	43.9	38.1	32.5	27.3	24.9	22.7	20.6	18.5	16.6	14.9	13.4
62.5°	46.9	40.6	34.4	29.6	25.3	22.2	19.9	17.9	16.2	14.9	13.4
65°	49.6	42.7	36.7	31.6	27.1	23.0	19.6	17.8	16.5	14.8	12.9
67.5°	52.0	44.8	38.7	33.4	28.7	24.5	21.0	18.4	16.5	14.5	12.1
70°	54.4	47.0	40.6	35.0	30.3	25.9	22.4	19.4	16.6	13.8	11.4
72.5°	56.8	49.2	42.4	36.9	31.7	27.1	23.3	19.5	16.1	13.2	10.8
75°	58.8	51.3	44.2	38.8	33.0	28.1	23.5	19.2	15.5	12.5	10.2
77.5°	59.5	51.9	45.5	40.0	34.2	28.8	23.3	18.7	14.9	11.5	8.7
80°	60.4	52.8	46.4	40.3	34.4	28.7	23.1	18.4	14.2	10.1	6.9
82.5°	61.6	53.9	47.4	40.9	34.7	28.6	23.1	18.3	13.5	8.9	5.3
85°	63.2	55.4	48.6	41.8	35.3	29.0	23.4	18.6	13.4	8.7	4.9
87.5°	65.2	57.2	50.1	43.0	36.1	29.7	24.1	19.3	13.7	9.0	5.1
90°	67.5	59.4	52.0	44.7	37.4	30.9	25.2	20.3	14.6	9.8	5.7
92.5°	65.2	57.2	50.1	43.0	36.1	29.7	24.1	19.3	13.7	9.0	5.1
95°	63.2	55.4	48.6	41.8	35.3	29.0	23.4	18.6	13.4	8.7	4.9
97.5°	61.6	53.9	47.4	40.9	34.7	28.6	23.1	18.3	13.5	8.9	5.3
100°	60.4	52.8	46.4	40.3	34.4	28.7	23.1	18.4	14.2	10.1	6.9
102.5°	59.5	51.9	45.5	40.0	34.2	28.8	23.3	18.7	14.9	11.5	8.7
105°	58.8	51.3	44.2	38.8	33.0	28.1	23.5	19.2	15.5	12.5	10.2
107.5°	56.8	49.2	42.4	36.9	31.7	27.1	23.3	19.5	16.1	13.2	10.8
110°	54.4	47.0	40.6	35.0	30.3	25.9	22.4	19.4	16.6	13.8	11.4



TEST NUMBER: P231950

CATALOG NUMBER: FVS4WM-4-LD4-40-1STD-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
112.5°	52.0	44.8	38.7	33.4	28.7	24.5	21.0	18.4	16.5	14.5	12.1
115°	49.6	42.7	36.7	31.6	27.1	23.0	19.6	17.8	16.5	14.8	12.9
117.5°	46.9	40.6	34.4	29.6	25.3	22.2	19.9	17.9	16.2	14.9	13.4
120°	43.9	38.1	32.5	27.3	24.9	22.7	20.6	18.5	16.6	14.9	13.4
122.5°	40.8	35.1	31.6	28.3	25.2	23.0	21.0	19.2	17.3	15.5	13.9
125°	38.8	35.1	31.9	29.0	26.1	23.4	21.3	19.5	17.9	16.4	14.8
127.5°	38.7	35.3	32.2	29.4	26.8	24.2	21.9	19.9	18.1	16.6	15.0
130°	38.5	35.2	32.3	29.6	27.1	24.8	22.6	20.6	18.8	17.0	14.7
132.5°	38.1	34.9	32.0	29.5	27.2	25.1	23.1	21.1	19.3	17.0	14.8
135°	37.2	34.4	31.6	29.1	26.9	24.9	23.1	21.4	19.2	17.0	14.8
137.5°	35.8	33.2	30.9	28.5	26.3	24.3	22.6	20.7	18.7	16.7	14.6
140°	34.2	31.6	29.3	27.3	25.4	23.4	21.6	19.7	17.8	16.0	14.1
142.5°	32.0	29.8	27.5	25.3	23.5	22.1	20.5	18.8	17.0	15.2	13.4
145°	29.2	27.2	25.3	23.6	22.0	20.4	19.0	17.5	16.0	14.4	12.7
147.5°	26.4	24.4	23.0	21.9	20.6	19.3	17.8	16.3	14.7	13.3	11.8
150°	24.2	22.9	21.6	20.2	18.9	17.7	16.5	15.2	13.9	12.4	11.0
152.5°	22.5	21.3	20.1	18.9	17.7	16.4	15.1	13.9	12.6	11.4	10.1
155°	20.8	19.8	18.6	17.5	16.4	15.2	14.1	12.9	11.7	10.5	9.3
157.5°	19.1	18.1	17.1	16.1	15.1	14.0	13.0	11.9	10.8	9.7	8.6
160°	17.3	16.4	15.5	14.6	13.7	12.8	11.8	10.8	9.9	8.9	7.9
162.5°	15.5	14.8	14.0	13.1	12.3	11.5	10.6	9.8	8.9	8.0	7.1
165°	13.7	13.0	12.3	11.6	10.9	10.1	9.4	8.6	7.9	7.1	6.3
167.5°	11.7	11.1	10.5	10.0	9.4	8.7	8.1	7.5	6.8	6.2	5.5
170°	9.7	9.2	8.7	8.3	7.8	7.3	6.8	6.3	5.7	5.2	4.7
172.5°	7.6	7.2	6.9	6.5	6.1	5.8	5.4	5.0	4.6	4.2	3.8
175°	5.4	5.2	4.9	4.7	4.4	4.2	3.9	3.6	3.4	3.1	2.8
177.5°	3.2	3.0	2.9	2.8	2.7	2.5	2.4	2.3	2.1	2.0	1.8
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: P231950

CATALOG NUMBER: FVS4WM-4-LD4-40-1STD-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
0°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
2.5°	1.7	1.5	1.4	1.2	1.1	0.9	0.8	0.9	1.1	1.2	1.4
5°	2.5	2.3	2.0	1.7	1.4	1.1	0.8	1.1	1.4	1.7	2.0
7.5°	3.3	2.9	2.5	2.1	1.7	1.2	0.8	1.2	1.7	2.1	2.5
10°	4.1	3.6	3.0	2.5	1.9	1.4	0.8	1.4	1.9	2.5	3.0
12.5°	4.9	4.2	3.5	2.8	2.2	1.5	0.8	1.5	2.2	2.8	3.5
15°	5.6	4.8	4.0	3.2	2.4	1.6	0.8	1.6	2.4	3.2	4.0
17.5°	6.2	5.3	4.4	3.5	2.6	1.7	0.8	1.7	2.6	3.5	4.4
20°	6.9	5.9	4.9	3.9	2.8	1.8	0.8	1.8	2.8	3.9	4.9
22.5°	7.5	6.4	5.3	4.2	3.0	1.9	0.8	1.9	3.0	4.2	5.3
25°	8.1	6.9	5.7	4.5	3.2	2.0	0.8	2.0	3.2	4.5	5.7
27.5°	8.8	7.5	6.2	4.9	3.5	2.2	0.8	2.2	3.5	4.9	6.2
30°	9.5	8.1	6.6	5.2	3.7	2.3	0.8	2.3	3.7	5.2	6.6
32.5°	10.3	8.8	7.2	5.6	4.0	2.4	0.8	2.4	4.0	5.6	7.2
35°	11.0	9.3	7.6	5.9	4.2	2.5	0.8	2.5	4.2	5.9	7.6
37.5°	11.6	9.8	8.0	6.2	4.4	2.6	0.8	2.6	4.4	6.2	8.0
40°	12.2	10.3	8.4	6.5	4.6	2.7	0.8	2.7	4.6	6.5	8.4
42.5°	12.6	10.5	8.5	6.6	4.6	2.7	0.8	2.7	4.6	6.6	8.5
45°	12.6	10.5	8.5	6.6	4.6	2.7	0.8	2.7	4.6	6.6	8.5
47.5°	12.6	10.5	8.5	6.5	4.6	2.7	0.8	2.7	4.6	6.5	8.5
50°	12.6	10.6	8.6	6.6	4.7	2.7	0.8	2.7	4.7	6.6	8.6
52.5°	13.0	10.7	8.6	6.6	4.6	2.7	0.8	2.7	4.6	6.6	8.6
55°	12.6	10.4	8.3	6.4	4.5	2.6	0.8	2.6	4.5	6.4	8.3
57.5°	12.3	10.2	8.3	6.4	4.5	2.7	0.8	2.7	4.5	6.4	8.3
60°	12.1	10.3	8.2	6.2	4.3	2.5	0.8	2.5	4.3	6.2	8.2
62.5°	11.6	9.8	7.7	5.9	4.4	3.0	1.6	3.0	4.4	5.9	7.7
65°	10.8	8.9	7.1	5.5	4.0	2.8	1.6	2.8	4.0	5.5	7.1
67.5°	10.0	8.0	6.2	4.7	3.5	2.5	1.6	2.5	3.5	4.7	6.2
70°	9.2	7.3	5.5	4.2	3.2	2.4	1.6	2.4	3.2	4.2	5.5
72.5°	8.8	6.8	5.0	3.4	2.5	1.9	1.6	1.9	2.5	3.4	5.0
75°	8.2	5.9	3.9	2.7	2.2	1.9	1.6	1.9	2.2	2.7	3.9
77.5°	6.6	4.9	3.1	2.0	0.9	0.2	0.0	0.2	0.9	2.0	3.1
80°	4.7	3.1	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5
82.5°	3.0	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	2.3	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	1.8	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	1.8	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	2.3	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	3.0	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	4.7	3.1	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5
102.5°	6.6	4.9	3.1	2.0	0.9	0.2	0.0	0.2	0.9	2.0	3.1
105°	8.2	5.9	3.9	2.7	2.2	1.9	1.6	1.9	2.2	2.7	3.9
107.5°	8.8	6.8	5.0	3.4	2.5	1.9	1.6	1.9	2.5	3.4	5.0
110°	9.2	7.3	5.5	4.2	3.2	2.4	1.6	2.4	3.2	4.2	5.5



TEST NUMBER: P231950

CATALOG NUMBER: FVS4WM-4-LD4-40-1STD-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
112.5°	10.0	8.0	6.2	4.7	3.5	2.5	1.6	2.5	3.5	4.7	6.2
115°	10.8	8.9	7.1	5.5	4.0	2.8	1.6	2.8	4.0	5.5	7.1
117.5°	11.6	9.8	7.7	5.9	4.4	3.0	1.6	3.0	4.4	5.9	7.7
120°	12.1	10.3	8.2	6.2	4.3	2.5	0.8	2.5	4.3	6.2	8.2
122.5°	12.3	10.2	8.3	6.4	4.5	2.7	0.8	2.7	4.5	6.4	8.3
125°	12.6	10.4	8.3	6.4	4.5	2.6	0.8	2.6	4.5	6.4	8.3
127.5°	13.0	10.7	8.6	6.6	4.6	2.7	0.8	2.7	4.6	6.6	8.6
130°	12.6	10.6	8.6	6.6	4.7	2.7	0.8	2.7	4.7	6.6	8.6
132.5°	12.6	10.5	8.5	6.5	4.6	2.7	0.8	2.7	4.6	6.5	8.5
135°	12.6	10.5	8.5	6.6	4.6	2.7	0.8	2.7	4.6	6.6	8.5
137.5°	12.6	10.5	8.5	6.6	4.6	2.7	0.8	2.7	4.6	6.6	8.5
140°	12.2	10.3	8.4	6.5	4.6	2.7	0.8	2.7	4.6	6.5	8.4
142.5°	11.6	9.8	8.0	6.2	4.4	2.6	0.8	2.6	4.4	6.2	8.0
145°	11.0	9.3	7.6	5.9	4.2	2.5	0.8	2.5	4.2	5.9	7.6
147.5°	10.3	8.8	7.2	5.6	4.0	2.4	0.8	2.4	4.0	5.6	7.2
150°	9.5	8.1	6.6	5.2	3.7	2.3	0.8	2.3	3.7	5.2	6.6
152.5°	8.8	7.5	6.2	4.9	3.5	2.2	0.8	2.2	3.5	4.9	6.2
155°	8.1	6.9	5.7	4.5	3.2	2.0	0.8	2.0	3.2	4.5	5.7
157.5°	7.5	6.4	5.3	4.2	3.0	1.9	0.8	1.9	3.0	4.2	5.3
160°	6.9	5.9	4.9	3.9	2.8	1.8	0.8	1.8	2.8	3.9	4.9
162.5°	6.2	5.3	4.4	3.5	2.6	1.7	0.8	1.7	2.6	3.5	4.4
165°	5.6	4.8	4.0	3.2	2.4	1.6	0.8	1.6	2.4	3.2	4.0
167.5°	4.9	4.2	3.5	2.8	2.2	1.5	0.8	1.5	2.2	2.8	3.5
170°	4.1	3.6	3.0	2.5	1.9	1.4	0.8	1.4	1.9	2.5	3.0
172.5°	3.3	2.9	2.5	2.1	1.7	1.2	0.8	1.2	1.7	2.1	2.5
175°	2.5	2.3	2.0	1.7	1.4	1.1	0.8	1.1	1.4	1.7	2.0
177.5°	1.7	1.5	1.4	1.2	1.1	0.9	0.8	0.9	1.1	1.2	1.4
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: P231950

CATALOG NUMBER: FVS4WM-4-LD4-40-1STD-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
0°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
2.5°	1.5	1.7	1.8	2.0	2.1	2.3	2.4	2.5	2.7	2.8	2.9
5°	2.3	2.5	2.8	3.1	3.4	3.6	3.9	4.2	4.4	4.7	4.9
7.5°	2.9	3.3	3.8	4.2	4.6	5.0	5.4	5.8	6.1	6.5	6.9
10°	3.6	4.1	4.7	5.2	5.7	6.3	6.8	7.3	7.8	8.3	8.7
12.5°	4.2	4.9	5.5	6.2	6.8	7.5	8.1	8.7	9.4	10.0	10.5
15°	4.8	5.6	6.3	7.1	7.9	8.6	9.4	10.1	10.9	11.6	12.3
17.5°	5.3	6.2	7.1	8.0	8.9	9.8	10.6	11.5	12.3	13.1	14.0
20°	5.9	6.9	7.9	8.9	9.9	10.8	11.8	12.8	13.7	14.6	15.5
22.5°	6.4	7.5	8.6	9.7	10.8	11.9	13.0	14.0	15.1	16.1	17.1
25°	6.9	8.1	9.3	10.5	11.7	12.9	14.1	15.2	16.4	17.5	18.6
27.5°	7.5	8.8	10.1	11.4	12.6	13.9	15.1	16.4	17.7	18.9	20.1
30°	8.1	9.5	11.0	12.4	13.9	15.2	16.5	17.7	18.9	20.2	21.6
32.5°	8.8	10.3	11.8	13.3	14.7	16.3	17.8	19.3	20.6	21.9	23.0
35°	9.3	11.0	12.7	14.4	16.0	17.5	19.0	20.4	22.0	23.6	25.3
37.5°	9.8	11.6	13.4	15.2	17.0	18.8	20.5	22.1	23.5	25.3	27.5
40°	10.3	12.2	14.1	16.0	17.8	19.7	21.6	23.4	25.4	27.3	29.3
42.5°	10.5	12.6	14.6	16.7	18.7	20.7	22.6	24.3	26.3	28.5	30.9
45°	10.5	12.6	14.8	17.0	19.2	21.4	23.1	24.9	26.9	29.1	31.6
47.5°	10.5	12.6	14.8	17.0	19.3	21.1	23.1	25.1	27.2	29.5	32.0
50°	10.6	12.6	14.7	17.0	18.8	20.6	22.6	24.8	27.1	29.6	32.3
52.5°	10.7	13.0	15.0	16.6	18.1	19.9	21.9	24.2	26.8	29.4	32.2
55°	10.4	12.6	14.8	16.4	17.9	19.5	21.3	23.4	26.1	29.0	31.9
57.5°	10.2	12.3	13.9	15.5	17.3	19.2	21.0	23.0	25.2	28.3	31.6
60°	10.3	12.1	13.4	14.9	16.6	18.5	20.6	22.7	24.9	27.3	32.5
62.5°	9.8	11.6	13.4	14.9	16.2	17.9	19.9	22.2	25.3	29.6	34.4
65°	8.9	10.8	12.9	14.8	16.5	17.8	19.6	23.0	27.1	31.6	36.7
67.5°	8.0	10.0	12.1	14.5	16.5	18.4	21.0	24.5	28.7	33.4	38.7
70°	7.3	9.2	11.4	13.8	16.6	19.4	22.4	25.9	30.3	35.0	40.6
72.5°	6.8	8.8	10.8	13.2	16.1	19.5	23.3	27.1	31.7	36.9	42.4
75°	5.9	8.2	10.2	12.5	15.5	19.2	23.5	28.1	33.0	38.8	44.2
77.5°	4.9	6.6	8.7	11.5	14.9	18.7	23.3	28.8	34.2	40.0	45.5
80°	3.1	4.7	6.9	10.1	14.2	18.4	23.1	28.7	34.4	40.3	46.4
82.5°	1.6	3.0	5.3	8.9	13.5	18.3	23.1	28.6	34.7	40.9	47.4
85°	0.6	2.3	4.9	8.7	13.4	18.6	23.4	29.0	35.3	41.8	48.6
87.5°	0.2	1.8	5.1	9.0	13.7	19.3	24.1	29.7	36.1	43.0	50.1
90°	0.0	1.6	5.7	9.8	14.6	20.3	25.2	30.9	37.4	44.7	52.0
92.5°	0.2	1.8	5.1	9.0	13.7	19.3	24.1	29.7	36.1	43.0	50.1
95°	0.6	2.3	4.9	8.7	13.4	18.6	23.4	29.0	35.3	41.8	48.6
97.5°	1.6	3.0	5.3	8.9	13.5	18.3	23.1	28.6	34.7	40.9	47.4
100°	3.1	4.7	6.9	10.1	14.2	18.4	23.1	28.7	34.4	40.3	46.4
102.5°	4.9	6.6	8.7	11.5	14.9	18.7	23.3	28.8	34.2	40.0	45.5
105°	5.9	8.2	10.2	12.5	15.5	19.2	23.5	28.1	33.0	38.8	44.2
107.5°	6.8	8.8	10.8	13.2	16.1	19.5	23.3	27.1	31.7	36.9	42.4
110°	7.3	9.2	11.4	13.8	16.6	19.4	22.4	25.9	30.3	35.0	40.6



TEST NUMBER: P231950

CATALOG NUMBER: FVS4WM-4-LD4-40-1STD-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
112.5°	8.0	10.0	12.1	14.5	16.5	18.4	21.0	24.5	28.7	33.4	38.7
115°	8.9	10.8	12.9	14.8	16.5	17.8	19.6	23.0	27.1	31.6	36.7
117.5°	9.8	11.6	13.4	14.9	16.2	17.9	19.9	22.2	25.3	29.6	34.4
120°	10.3	12.1	13.4	14.9	16.6	18.5	20.6	22.7	24.9	27.3	32.5
122.5°	10.2	12.3	13.9	15.5	17.3	19.2	21.0	23.0	25.2	28.3	31.6
125°	10.4	12.6	14.8	16.4	17.9	19.5	21.3	23.4	26.1	29.0	31.9
127.5°	10.7	13.0	15.0	16.6	18.1	19.9	21.9	24.2	26.8	29.4	32.2
130°	10.6	12.6	14.7	17.0	18.8	20.6	22.6	24.8	27.1	29.6	32.3
132.5°	10.5	12.6	14.8	17.0	19.3	21.1	23.1	25.1	27.2	29.5	32.0
135°	10.5	12.6	14.8	17.0	19.2	21.4	23.1	24.9	26.9	29.1	31.6
137.5°	10.5	12.6	14.6	16.7	18.7	20.7	22.6	24.3	26.3	28.5	30.9
140°	10.3	12.2	14.1	16.0	17.8	19.7	21.6	23.4	25.4	27.3	29.3
142.5°	9.8	11.6	13.4	15.2	17.0	18.8	20.5	22.1	23.5	25.3	27.5
145°	9.3	11.0	12.7	14.4	16.0	17.5	19.0	20.4	22.0	23.6	25.3
147.5°	8.8	10.3	11.8	13.3	14.7	16.3	17.8	19.3	20.6	21.9	23.0
150°	8.1	9.5	11.0	12.4	13.9	15.2	16.5	17.7	18.9	20.2	21.6
152.5°	7.5	8.8	10.1	11.4	12.6	13.9	15.1	16.4	17.7	18.9	20.1
155°	6.9	8.1	9.3	10.5	11.7	12.9	14.1	15.2	16.4	17.5	18.6
157.5°	6.4	7.5	8.6	9.7	10.8	11.9	13.0	14.0	15.1	16.1	17.1
160°	5.9	6.9	7.9	8.9	9.9	10.8	11.8	12.8	13.7	14.6	15.5
162.5°	5.3	6.2	7.1	8.0	8.9	9.8	10.6	11.5	12.3	13.1	14.0
165°	4.8	5.6	6.3	7.1	7.9	8.6	9.4	10.1	10.9	11.6	12.3
167.5°	4.2	4.9	5.5	6.2	6.8	7.5	8.1	8.7	9.4	10.0	10.5
170°	3.6	4.1	4.7	5.2	5.7	6.3	6.8	7.3	7.8	8.3	8.7
172.5°	2.9	3.3	3.8	4.2	4.6	5.0	5.4	5.8	6.1	6.5	6.9
175°	2.3	2.5	2.8	3.1	3.4	3.6	3.9	4.2	4.4	4.7	4.9
177.5°	1.5	1.7	1.8	2.0	2.1	2.3	2.4	2.5	2.7	2.8	2.9
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P231950

CATALOG NUMBER: FVS4WM-4-LD4-40-1STD-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
0°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
2.5°	3.0	3.2	3.3	3.4	3.5	3.6	3.7	3.8	3.9	4.0	4.1
5°	5.2	5.4	5.6	5.8	6.0	6.2	6.4	6.6	6.8	6.9	7.1
7.5°	7.2	7.6	7.9	8.2	8.5	8.8	9.1	9.4	9.6	9.9	10.1
10°	9.2	9.7	10.1	10.5	10.9	11.3	11.7	12.1	12.4	12.7	13.0
12.5°	11.1	11.7	12.2	12.8	13.3	13.8	14.3	14.7	15.2	15.6	16.0
15°	13.0	13.7	14.3	15.0	15.6	16.2	16.7	17.3	17.8	18.3	18.8
17.5°	14.8	15.5	16.3	17.1	17.8	18.5	19.2	19.8	20.4	21.0	21.6
20°	16.4	17.3	18.2	19.1	19.9	20.7	21.5	22.3	23.0	23.7	24.4
22.5°	18.1	19.1	20.1	21.0	22.0	22.9	23.8	24.7	25.5	26.3	27.1
25°	19.8	20.8	21.9	23.0	24.0	25.0	26.0	27.0	28.0	28.9	30.8
27.5°	21.3	22.5	23.7	24.9	26.0	27.1	29.2	31.6	34.1	36.7	39.3
30°	22.9	24.2	25.4	27.4	29.7	32.1	34.7	37.5	40.4	43.6	46.9
32.5°	24.4	26.4	28.7	31.2	33.7	36.5	39.4	42.5	45.9	49.6	53.6
35°	27.2	29.2	31.7	34.3	37.2	40.2	43.5	46.9	50.8	54.9	59.6
37.5°	29.8	32.0	34.3	37.0	40.1	43.4	47.0	50.9	54.9	59.7	64.8
40°	31.6	34.2	36.8	39.5	42.6	46.2	50.1	54.3	58.9	63.8	69.7
42.5°	33.2	35.8	38.8	41.8	44.9	48.6	52.7	57.4	62.3	67.8	74.0
45°	34.4	37.2	40.2	43.6	47.1	50.8	55.1	60.0	65.5	71.4	77.8
47.5°	34.9	38.1	41.5	45.0	48.9	52.9	57.2	62.5	68.3	74.6	81.7
50°	35.2	38.5	42.2	46.2	50.4	54.8	59.4	64.9	72.0	79.0	85.8
52.5°	35.3	38.7	42.6	46.9	51.5	57.9	64.5	71.2	78.2	84.9	90.9
55°	35.1	38.8	43.1	49.6	56.5	63.5	70.6	77.7	84.8	91.4	96.8
57.5°	35.1	40.8	47.0	53.6	61.2	68.8	76.5	84.1	91.8	98.5	103.5
60°	38.1	43.9	50.5	57.5	65.4	73.9	82.2	90.4	98.7	105.7	110.7
62.5°	40.6	46.9	53.8	61.3	69.3	78.7	87.8	96.6	105.4	113.3	118.6
65°	42.7	49.6	56.7	64.9	73.3	83.1	93.2	102.7	112.1	121.1	126.9
67.5°	44.8	52.0	59.7	68.3	77.4	87.4	98.5	108.9	118.9	128.8	134.8
70°	47.0	54.4	62.6	71.5	81.3	91.4	103.8	114.9	125.5	135.5	140.8
72.5°	49.2	56.8	65.4	74.8	85.1	95.1	106.8	117.7	127.1	135.4	140.3
75°	51.3	58.8	67.0	76.0	85.9	96.5	108.2	119.4	128.7	135.9	140.3
77.5°	51.9	59.5	67.7	76.8	86.9	97.9	109.9	121.4	130.7	137.1	140.5
80°	52.8	60.4	68.7	77.8	88.2	99.6	112.0	123.9	133.1	138.8	141.0
82.5°	53.9	61.6	70.1	79.2	89.8	101.4	114.5	126.6	135.9	140.8	141.6
85°	55.4	63.2	71.8	80.9	91.7	103.5	117.4	129.6	138.9	143.1	142.4
87.5°	57.2	65.2	73.9	82.9	94.1	106.1	120.7	133.0	142.2	145.5	143.2
90°	59.4	67.5	76.4	85.4	96.8	109.0	124.4	136.6	145.6	148.0	143.9
92.5°	57.2	65.2	73.9	82.9	94.1	106.1	120.7	133.0	142.2	145.5	143.2
95°	55.4	63.2	71.8	80.9	91.7	103.5	117.4	129.6	138.9	143.1	142.4
97.5°	53.9	61.6	70.1	79.2	89.8	101.4	114.5	126.6	135.9	140.8	141.6
100°	52.8	60.4	68.7	77.8	88.2	99.6	112.0	123.9	133.1	138.8	141.0
102.5°	51.9	59.5	67.7	76.8	86.9	97.9	109.9	121.4	130.7	137.1	140.5
105°	51.3	58.8	67.0	76.0	85.9	96.5	108.2	119.4	128.7	135.9	140.3
107.5°	49.2	56.8	65.4	74.8	85.1	95.1	106.8	117.7	127.1	135.4	140.3
110°	47.0	54.4	62.6	71.5	81.3	91.4	103.8	114.9	125.5	135.5	140.8



TEST NUMBER: P231950

CATALOG NUMBER: FVS4WM-4-LD4-40-1STD-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
112.5°	44.8	52.0	59.7	68.3	77.4	87.4	98.5	108.9	118.9	128.8	134.8
115°	42.7	49.6	56.7	64.9	73.3	83.1	93.2	102.7	112.1	121.1	126.9
117.5°	40.6	46.9	53.8	61.3	69.3	78.7	87.8	96.6	105.4	113.3	118.6
120°	38.1	43.9	50.5	57.5	65.4	73.9	82.2	90.4	98.7	105.7	110.7
122.5°	35.1	40.8	47.0	53.6	61.2	68.8	76.5	84.1	91.8	98.5	103.5
125°	35.1	38.8	43.1	49.6	56.5	63.5	70.6	77.7	84.8	91.4	96.8
127.5°	35.3	38.7	42.6	46.9	51.5	57.9	64.5	71.2	78.2	84.9	90.9
130°	35.2	38.5	42.2	46.2	50.4	54.8	59.4	64.9	72.0	79.0	85.8
132.5°	34.9	38.1	41.5	45.0	48.9	52.9	57.2	62.5	68.3	74.6	81.7
135°	34.4	37.2	40.2	43.6	47.1	50.8	55.1	60.0	65.5	71.4	77.8
137.5°	33.2	35.8	38.8	41.8	44.9	48.6	52.7	57.4	62.3	67.8	74.0
140°	31.6	34.2	36.8	39.5	42.6	46.2	50.1	54.3	58.9	63.8	69.7
142.5°	29.8	32.0	34.3	37.0	40.1	43.4	47.0	50.9	54.9	59.7	64.8
145°	27.2	29.2	31.7	34.3	37.2	40.2	43.5	46.9	50.8	54.9	59.6
147.5°	24.4	26.4	28.7	31.2	33.7	36.5	39.4	42.5	45.9	49.6	53.6
150°	22.9	24.2	25.4	27.4	29.7	32.1	34.7	37.5	40.4	43.6	46.9
152.5°	21.3	22.5	23.7	24.9	26.0	27.1	29.2	31.6	34.1	36.7	39.3
155°	19.8	20.8	21.9	23.0	24.0	25.0	26.0	27.0	28.0	28.9	30.8
157.5°	18.1	19.1	20.1	21.0	22.0	22.9	23.8	24.7	25.5	26.3	27.1
160°	16.4	17.3	18.2	19.1	19.9	20.7	21.5	22.3	23.0	23.7	24.4
162.5°	14.8	15.5	16.3	17.1	17.8	18.5	19.2	19.8	20.4	21.0	21.6
165°	13.0	13.7	14.3	15.0	15.6	16.2	16.7	17.3	17.8	18.3	18.8
167.5°	11.1	11.7	12.2	12.8	13.3	13.8	14.3	14.7	15.2	15.6	16.0
170°	9.2	9.7	10.1	10.5	10.9	11.3	11.7	12.1	12.4	12.7	13.0
172.5°	7.2	7.6	7.9	8.2	8.5	8.8	9.1	9.4	9.6	9.9	10.1
175°	5.2	5.4	5.6	5.8	6.0	6.2	6.4	6.6	6.8	6.9	7.1
177.5°	3.0	3.2	3.3	3.4	3.5	3.6	3.7	3.8	3.9	4.0	4.1
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: P231950

CATALOG NUMBER: FVS4WM-4-LD4-40-1STD-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
0°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
2.5°	4.1	4.2	4.3	4.3	4.4	4.4	4.4	4.5	4.5	4.5	5.1
5°	7.3	7.4	7.6	7.7	7.8	7.9	8.0	8.1	8.2	8.2	9.3
7.5°	10.3	10.5	10.7	10.9	11.1	11.3	11.5	11.7	11.8	11.9	13.5
10°	13.3	13.6	13.8	14.1	14.4	14.7	14.9	15.2	15.4	15.6	17.8
12.5°	16.3	16.7	17.0	17.3	17.5	17.9	18.3	18.7	19.0	19.4	21.9
15°	19.3	19.7	20.1	20.5	20.8	21.1	21.6	22.1	22.6	23.1	26.1
17.5°	22.2	22.7	23.1	23.6	24.0	24.4	24.8	25.5	26.2	26.8	30.3
20°	25.0	25.6	26.2	26.7	27.2	27.6	28.1	28.9	29.7	30.5	34.4
22.5°	27.8	28.5	29.1	29.8	30.3	30.9	31.3	32.2	33.2	34.2	38.5
25°	32.9	34.9	36.8	38.5	40.0	41.2	42.0	42.9	44.1	45.0	49.3
27.5°	42.0	44.6	47.1	49.3	51.1	52.6	53.3	54.0	55.0	55.9	60.2
30°	50.3	53.7	56.9	59.9	62.1	64.1	64.8	65.2	66.0	66.7	70.9
32.5°	57.8	62.1	66.1	70.0	72.9	75.3	76.3	76.5	77.1	77.5	81.6
35°	64.5	69.7	74.9	79.5	83.7	86.4	87.8	87.9	88.2	88.4	92.2
37.5°	70.6	76.6	82.9	88.7	94.3	97.4	99.5	99.3	99.3	99.2	102.7
40°	76.1	83.0	90.4	97.6	103.9	108.3	111.2	110.8	110.4	110.0	113.2
42.5°	80.9	88.9	97.2	106.3	113.3	119.1	123.0	122.3	121.6	120.9	123.6
45°	85.6	94.3	103.7	113.6	122.5	129.8	134.1	133.9	132.8	131.7	133.9
47.5°	89.7	98.1	107.1	116.5	125.2	132.8	137.4	139.0	139.8	141.1	146.5
50°	92.4	99.7	107.9	116.7	125.6	133.8	139.7	143.5	146.6	150.5	159.4
52.5°	96.3	102.5	109.4	117.2	126.0	134.5	141.8	147.7	153.2	159.9	172.5
55°	101.3	106.0	111.5	118.2	126.6	135.3	143.7	151.6	159.6	169.3	185.8
57.5°	107.2	110.3	114.2	119.6	127.5	136.2	145.5	155.2	165.9	178.7	199.3
60°	113.7	115.4	117.6	121.8	128.6	137.2	147.1	158.6	172.1	188.1	212.9
62.5°	120.9	121.1	121.8	124.4	130.0	138.2	148.7	161.8	178.1	197.5	226.7
65°	128.5	127.5	126.5	127.4	131.6	139.3	150.2	164.9	184.1	206.9	240.6
67.5°	136.3	134.4	131.7	130.7	133.4	140.4	151.6	167.8	189.9	216.3	254.5
70°	141.1	137.7	133.4	131.3	133.2	139.7	150.6	166.5	188.5	215.3	254.1
72.5°	140.5	137.1	132.8	130.6	132.4	138.7	149.5	165.2	187.1	214.3	253.5
75°	140.1	136.4	132.1	129.9	131.7	137.8	148.5	163.9	185.8	213.3	254.3
77.5°	139.8	135.7	131.2	129.1	131.0	137.0	147.6	162.8	184.5	212.3	253.1
80°	139.5	134.9	130.3	128.4	130.4	136.3	146.9	161.8	183.3	211.4	251.9
82.5°	139.3	134.0	129.3	127.6	129.8	135.6	146.2	160.9	182.1	210.4	250.7
85°	139.0	133.1	128.2	126.8	129.3	135.1	145.6	160.0	181.0	209.4	249.6
87.5°	138.6	132.0	127.1	126.0	128.9	134.6	145.1	159.3	179.9	208.4	248.4
90°	138.2	130.9	126.0	125.2	128.5	134.2	144.7	158.6	178.9	207.4	247.2
92.5°	138.6	132.0	127.1	126.0	128.9	134.6	145.1	159.3	179.9	208.4	248.4
95°	139.0	133.1	128.2	126.8	129.3	135.1	145.6	160.0	181.0	209.4	249.6
97.5°	139.3	134.0	129.3	127.6	129.8	135.6	146.2	160.9	182.1	210.4	250.7
100°	139.5	134.9	130.3	128.4	130.4	136.3	146.9	161.8	183.3	211.4	251.9
102.5°	139.8	135.7	131.2	129.1	131.0	137.0	147.6	162.8	184.5	212.3	253.1
105°	140.1	136.4	132.1	129.9	131.7	137.8	148.5	163.9	185.8	213.3	254.3
107.5°	140.5	137.1	132.8	130.6	132.4	138.7	149.5	165.2	187.1	214.3	253.5
110°	141.1	137.7	133.4	131.3	133.2	139.7	150.6	166.5	188.5	215.3	254.1



TEST NUMBER: P231950

CATALOG NUMBER: FVS4WM-4-LD4-40-1STD-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
112.5°	136.3	134.4	131.7	130.7	133.4	140.4	151.6	167.8	189.9	216.3	254.5
115°	128.5	127.5	126.5	127.4	131.6	139.3	150.2	164.9	184.1	206.9	240.6
117.5°	120.9	121.1	121.8	124.4	130.0	138.2	148.7	161.8	178.1	197.5	226.7
120°	113.7	115.4	117.6	121.8	128.6	137.2	147.1	158.6	172.1	188.1	212.9
122.5°	107.2	110.3	114.2	119.6	127.5	136.2	145.5	155.2	165.9	178.7	199.3
125°	101.3	106.0	111.5	118.2	126.6	135.3	143.7	151.6	159.6	169.3	185.8
127.5°	96.3	102.5	109.4	117.2	126.0	134.5	141.8	147.7	153.2	159.9	172.5
130°	92.4	99.7	107.9	116.7	125.6	133.8	139.7	143.5	146.6	150.5	159.4
132.5°	89.7	98.1	107.1	116.5	125.2	132.8	137.4	139.0	139.8	141.1	146.5
135°	85.6	94.3	103.7	113.6	122.5	129.8	134.1	133.9	132.8	131.7	133.9
137.5°	80.9	88.9	97.2	106.3	113.3	119.1	123.0	122.3	121.6	120.9	123.6
140°	76.1	83.0	90.4	97.6	103.9	108.3	111.2	110.8	110.4	110.0	113.2
142.5°	70.6	76.6	82.9	88.7	94.3	97.4	99.5	99.3	99.3	99.2	102.7
145°	64.5	69.7	74.9	79.5	83.7	86.4	87.8	87.9	88.2	88.4	92.2
147.5°	57.8	62.1	66.1	70.0	72.9	75.3	76.3	76.5	77.1	77.5	81.6
150°	50.3	53.7	56.9	59.9	62.1	64.1	64.8	65.2	66.0	66.7	70.9
152.5°	42.0	44.6	47.1	49.3	51.1	52.6	53.3	54.0	55.0	55.9	60.2
155°	32.9	34.9	36.8	38.5	40.0	41.2	42.0	42.9	44.1	45.0	49.3
157.5°	27.8	28.5	29.1	29.8	30.3	30.9	31.3	32.2	33.2	34.2	38.5
160°	25.0	25.6	26.2	26.7	27.2	27.6	28.1	28.9	29.7	30.5	34.4
162.5°	22.2	22.7	23.1	23.6	24.0	24.4	24.8	25.5	26.2	26.8	30.3
165°	19.3	19.7	20.1	20.5	20.8	21.1	21.6	22.1	22.6	23.1	26.1
167.5°	16.3	16.7	17.0	17.3	17.5	17.9	18.3	18.7	19.0	19.4	21.9
170°	13.3	13.6	13.8	14.1	14.4	14.7	14.9	15.2	15.4	15.6	17.8
172.5°	10.3	10.5	10.7	10.9	11.1	11.3	11.5	11.7	11.8	11.9	13.5
175°	7.3	7.4	7.6	7.7	7.8	7.9	8.0	8.1	8.2	8.2	9.3
177.5°	4.1	4.2	4.3	4.3	4.4	4.4	4.4	4.5	4.5	4.5	5.1
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: P231950

CATALOG NUMBER: FVS4WM-4-LD4-40-1STD-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
0°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
2.5°	5.6	6.2	6.7	7.2	7.7	8.2	8.7	9.1	9.6	10.0	10.4
5°	10.4	11.5	12.5	13.5	14.5	15.5	16.4	17.3	18.2	19.1	19.9
7.5°	15.1	16.7	18.2	19.7	21.2	22.6	24.1	25.8	27.5	29.1	30.7
10°	19.8	21.9	23.9	25.9	27.9	30.3	32.6	34.9	37.1	39.2	41.4
12.5°	24.5	27.0	29.5	32.1	35.1	38.0	40.9	43.7	46.3	48.9	51.3
15°	29.1	32.1	35.1	38.6	42.2	45.6	49.0	52.3	55.5	58.6	62.0
17.5°	33.7	37.1	41.0	45.0	49.0	53.1	57.1	61.1	64.9	68.6	72.0
20°	38.2	42.1	46.7	51.3	55.8	60.7	65.5	70.1	74.5	78.8	82.8
22.5°	42.7	47.3	52.4	57.4	62.9	68.5	74.0	79.2	84.4	89.3	94.0
25°	53.5	58.2	63.3	68.4	74.0	79.5	84.9	90.1	95.3	100.4	105.9
27.5°	64.3	69.5	74.8	80.5	86.5	92.3	98.2	103.9	109.4	114.9	119.3
30°	75.0	80.6	86.1	92.4	98.9	105.0	111.2	117.2	123.0	128.0	132.5
32.5°	85.7	91.5	97.4	103.9	110.6	117.4	123.9	130.0	135.6	140.4	143.5
35°	96.4	102.3	108.6	115.2	122.4	130.0	136.1	142.2	147.4	151.4	152.7
37.5°	107.0	113.0	119.5	126.3	134.1	141.3	147.7	153.5	159.2	160.3	161.3
40°	117.5	123.5	130.2	137.5	145.6	152.5	158.8	164.4	167.7	168.8	169.1
42.5°	127.9	133.9	140.7	148.5	156.8	163.3	169.3	175.0	176.0	176.6	176.6
45°	138.3	144.2	151.0	159.3	167.3	173.7	179.5	183.2	184.1	184.0	184.3
47.5°	154.4	163.5	172.9	181.9	187.9	191.4	194.0	192.6	191.5	191.1	191.8
50°	171.2	184.6	198.1	209.5	214.9	217.8	219.3	216.2	211.9	207.6	204.0
52.5°	188.6	206.5	223.9	237.8	241.5	243.7	243.2	239.1	233.8	229.1	225.8
55°	206.3	229.0	250.2	265.2	267.9	269.2	266.6	261.3	255.3	250.0	246.9
57.5°	224.5	252.3	276.8	291.8	293.9	294.3	289.6	283.1	276.5	270.8	267.5
60°	243.0	276.0	303.7	318.2	319.4	318.8	312.2	304.6	297.2	291.5	289.1
62.5°	261.7	300.3	330.9	344.4	344.7	342.2	334.5	325.8	317.5	311.7	310.5
65°	280.8	324.9	358.4	370.4	369.6	365.3	356.4	346.8	337.5	331.5	331.4
67.5°	300.0	349.9	386.0	396.2	394.4	388.3	378.2	367.6	357.8	351.7	351.9
70°	300.8	352.4	390.8	404.5	406.9	401.9	393.4	384.4	376.1	371.9	374.0
72.5°	300.9	352.9	392.3	409.6	415.2	410.1	402.8	395.4	388.6	385.7	389.6
75°	300.8	353.1	393.7	415.4	424.0	418.5	412.8	406.8	401.4	399.2	404.0
77.5°	300.4	352.9	395.0	421.8	433.0	426.9	423.2	418.8	414.4	412.6	418.0
80°	301.4	352.4	396.1	428.5	442.3	435.4	434.0	431.0	427.7	425.8	431.4
82.5°	300.1	352.9	398.5	435.4	451.8	444.1	445.1	443.6	441.1	439.0	444.5
85°	298.7	351.0	398.2	443.2	461.7	452.6	456.5	456.4	454.8	452.0	457.3
87.5°	297.4	349.1	398.0	449.3	470.7	461.7	467.7	469.3	468.4	465.1	469.9
90°	296.0	347.2	397.7	455.4	479.8	470.8	479.0	482.2	482.2	478.2	482.2
92.5°	297.4	349.1	398.0	449.3	470.7	461.7	467.7	469.3	468.4	465.1	469.9
95°	298.7	351.0	398.2	443.2	461.7	452.6	456.5	456.4	454.8	452.0	457.3
97.5°	300.1	352.9	398.5	435.4	451.8	444.1	445.1	443.6	441.1	439.0	444.5
100°	301.4	352.4	396.1	428.5	442.3	435.4	434.0	431.0	427.7	425.8	431.4
102.5°	300.4	352.9	395.0	421.8	433.0	426.9	423.2	418.8	414.4	412.6	418.0
105°	300.8	353.1	393.7	415.4	424.0	418.5	412.8	406.8	401.4	399.2	404.0
107.5°	300.9	352.9	392.3	409.6	415.2	410.1	402.8	395.4	388.6	385.7	389.6
110°	300.8	352.4	390.8	404.5	406.9	401.9	393.4	384.4	376.1	371.9	374.0



TEST NUMBER: P231950

CATALOG NUMBER: FVS4WM-4-LD4-40-1STD-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
112.5°	300.0	349.9	386.0	396.2	394.4	388.3	378.2	367.6	357.8	351.7	351.9
115°	280.8	324.9	358.4	370.4	369.6	365.3	356.4	346.8	337.5	331.5	331.4
117.5°	261.7	300.3	330.9	344.4	344.7	342.2	334.5	325.8	317.5	311.7	310.5
120°	243.0	276.0	303.7	318.2	319.4	318.8	312.2	304.6	297.2	291.5	289.1
122.5°	224.5	252.3	276.8	291.8	293.9	294.3	289.6	283.1	276.5	270.8	267.5
125°	206.3	229.0	250.2	265.2	267.9	269.2	266.6	261.3	255.3	250.0	246.9
127.5°	188.6	206.5	223.9	237.8	241.5	243.7	243.2	239.1	233.8	229.1	225.8
130°	171.2	184.6	198.1	209.5	214.9	217.8	219.3	216.2	211.9	207.6	204.0
132.5°	154.4	163.5	172.9	181.9	187.9	191.4	194.0	192.6	191.5	191.1	191.8
135°	138.3	144.2	151.0	159.3	167.3	173.7	179.5	183.2	184.1	184.0	184.3
137.5°	127.9	133.9	140.7	148.5	156.8	163.3	169.3	175.0	176.0	176.6	176.6
140°	117.5	123.5	130.2	137.5	145.6	152.5	158.8	164.4	167.7	168.8	169.1
142.5°	107.0	113.0	119.5	126.3	134.1	141.3	147.7	153.5	159.2	160.3	161.3
145°	96.4	102.3	108.6	115.2	122.4	130.0	136.1	142.2	147.4	151.4	152.7
147.5°	85.7	91.5	97.4	103.9	110.6	117.4	123.9	130.0	135.6	140.4	143.5
150°	75.0	80.6	86.1	92.4	98.9	105.0	111.2	117.2	123.0	128.0	132.5
152.5°	64.3	69.5	74.8	80.5	86.5	92.3	98.2	103.9	109.4	114.9	119.3
155°	53.5	58.2	63.3	68.4	74.0	79.5	84.9	90.1	95.3	100.4	105.9
157.5°	42.7	47.3	52.4	57.4	62.9	68.5	74.0	79.2	84.4	89.3	94.0
160°	38.2	42.1	46.7	51.3	55.8	60.7	65.5	70.1	74.5	78.8	82.8
162.5°	33.7	37.1	41.0	45.0	49.0	53.1	57.1	61.1	64.9	68.6	72.0
165°	29.1	32.1	35.1	38.6	42.2	45.6	49.0	52.3	55.5	58.6	62.0
167.5°	24.5	27.0	29.5	32.1	35.1	38.0	40.9	43.7	46.3	48.9	51.3
170°	19.8	21.9	23.9	25.9	27.9	30.3	32.6	34.9	37.1	39.2	41.4
172.5°	15.1	16.7	18.2	19.7	21.2	22.6	24.1	25.8	27.5	29.1	30.7
175°	10.4	11.5	12.5	13.5	14.5	15.5	16.4	17.3	18.2	19.1	19.9
177.5°	5.6	6.2	6.7	7.2	7.7	8.2	8.7	9.1	9.6	10.0	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: P231950

CATALOG NUMBER: FVS4WM-4-LD4-40-1STD-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
0°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
2.5°	10.8	11.2	11.6	11.9	12.2	12.5	12.8	13.1	13.3	13.5	13.7
5°	20.9	21.9	22.8	23.7	24.6	25.4	26.1	26.8	27.5	28.0	28.6
7.5°	32.2	33.7	35.1	36.4	37.6	38.7	39.6	40.4	41.2	41.9	42.5
10°	43.1	44.9	46.5	48.1	49.5	50.9	52.1	53.2	54.2	55.0	55.8
12.5°	53.6	55.8	57.9	59.8	61.6	63.2	64.7	66.0	67.2	68.1	68.7
15°	64.4	67.0	69.4	71.7	73.8	75.5	77.1	78.4	79.5	80.3	81.1
17.5°	75.3	78.9	81.2	83.7	86.0	88.0	89.9	91.5	93.0	94.3	95.4
20°	86.6	90.2	93.4	96.4	99.0	101.3	103.5	105.3	106.6	107.8	109.0
22.5°	98.5	102.5	106.0	109.2	112.2	113.7	115.3	116.9	118.4	120.0	121.6
25°	110.6	114.7	119.1	120.4	122.0	123.7	125.3	126.9	128.7	130.7	133.0
27.5°	123.4	126.3	127.4	129.0	130.3	131.7	133.7	135.6	138.0	140.6	144.0
30°	135.2	136.3	137.1	137.3	137.4	138.4	140.7	143.2	147.7	152.1	156.9
32.5°	144.7	145.5	145.7	146.0	146.8	147.5	150.0	153.3	158.7	165.6	172.4
35°	153.5	153.8	154.2	155.1	156.6	159.7	162.8	168.3	173.5	181.7	192.5
37.5°	161.5	162.0	162.9	164.9	168.2	172.6	178.6	185.5	195.1	205.2	217.3
40°	169.3	170.3	172.2	175.6	180.7	187.1	196.3	206.9	220.3	235.3	251.3
42.5°	177.4	178.8	182.2	187.3	194.0	204.5	216.1	232.8	251.0	271.1	292.4
45°	185.1	188.1	192.6	199.5	210.3	222.7	241.6	261.3	285.3	309.9	336.1
47.5°	193.6	196.8	203.8	213.8	226.9	246.6	268.4	294.2	321.9	350.7	382.6
50°	202.6	207.2	215.3	229.0	248.2	270.6	298.0	327.9	360.7	395.5	432.1
52.5°	224.4	226.6	234.1	246.4	270.1	297.2	328.1	363.0	400.9	442.0	486.3
55°	247.1	251.1	261.1	277.4	298.5	324.1	358.2	399.1	443.0	490.7	537.2
57.5°	269.1	276.4	289.3	307.3	330.0	359.8	395.3	436.4	486.4	534.8	584.2
60°	291.5	300.9	316.8	336.2	361.4	393.5	433.2	479.7	527.0	574.3	629.9
62.5°	315.3	326.4	342.8	361.9	391.0	427.0	469.8	517.6	564.5	616.6	671.3
65°	338.4	351.2	367.1	387.9	418.6	456.7	502.9	549.9	599.5	653.1	709.4
67.5°	360.7	374.5	388.8	412.6	445.3	485.2	531.2	578.0	629.2	684.2	749.5
70°	383.1	396.4	408.1	434.9	468.6	510.1	555.3	602.7	654.0	711.9	786.8
72.5°	400.7	414.3	428.4	455.6	489.1	532.8	575.7	622.0	673.9	739.3	818.0
75°	416.1	429.9	446.4	472.0	505.4	546.6	591.1	636.9	688.9	760.7	843.4
77.5°	431.2	445.3	462.1	485.5	517.8	557.1	599.4	646.2	704.9	779.8	864.0
80°	445.8	460.5	475.7	496.4	527.3	564.2	604.6	652.2	717.2	798.1	891.4
82.5°	460.1	475.5	487.7	505.3	534.3	568.3	606.8	655.2	725.6	812.9	911.3
85°	473.9	490.1	498.5	512.5	539.1	570.0	606.5	655.1	730.1	823.4	923.8
87.5°	487.5	504.5	508.6	518.6	542.7	570.2	604.7	653.4	732.6	832.0	932.4
90°	500.1	518.0	518.0	523.7	544.0	567.6	599.3	646.5	726.2	828.7	927.0
92.5°	487.5	504.5	508.5	518.6	542.7	570.2	604.7	653.4	732.6	832.0	932.4
95°	473.9	490.1	498.5	512.5	539.1	570.0	606.5	655.1	730.1	823.4	923.8
97.5°	460.1	475.5	487.7	505.3	534.3	568.3	606.8	655.2	725.6	812.9	911.3
100°	445.8	460.5	475.7	496.4	527.3	564.2	604.6	652.2	717.2	798.1	891.4
102.5°	431.2	445.3	462.1	485.5	517.8	557.1	599.4	646.2	704.9	779.8	864.0
105°	416.1	429.9	446.4	472.0	505.4	546.6	591.1	636.9	688.9	760.7	843.4
107.5°	400.7	414.3	428.4	455.6	489.1	532.8	575.7	622.0	673.9	739.3	818.0
110°	383.1	396.4	408.1	434.9	468.6	510.1	555.3	602.7	654.0	711.9	786.8



TEST NUMBER: P231950

CATALOG NUMBER: FVS4WM-4-LD4-40-1STD-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
112.5°	360.7	374.5	388.8	412.6	445.3	485.2	531.2	578.0	629.2	684.2	749.5
115°	338.4	351.2	367.1	387.9	418.6	456.7	502.9	549.9	599.5	653.1	709.4
117.5°	315.3	326.4	342.8	361.9	391.0	427.0	469.8	517.6	564.5	616.6	671.3
120°	291.5	300.9	316.8	336.2	361.4	393.5	433.2	479.7	527.0	574.3	629.9
122.5°	269.1	276.4	289.3	307.3	330.0	359.8	395.3	436.4	486.4	534.8	584.2
125°	247.1	251.1	261.1	277.4	298.5	324.1	358.2	399.1	443.0	490.7	537.2
127.5°	224.4	226.6	234.1	246.4	270.1	297.2	328.1	363.0	400.9	442.0	486.3
130°	202.6	207.2	215.3	229.0	248.2	270.6	298.0	327.9	360.7	395.5	432.1
132.5°	193.6	196.8	203.8	213.8	226.9	246.6	268.4	294.2	321.9	350.7	382.6
135°	185.1	188.1	192.6	199.5	210.3	222.7	241.6	261.3	285.3	309.9	336.1
137.5°	177.4	178.8	182.2	187.3	194.0	204.5	216.1	232.8	251.0	271.1	292.4
140°	169.3	170.3	172.2	175.6	180.7	187.1	196.3	206.9	220.3	235.3	251.3
142.5°	161.5	162.0	162.9	164.9	168.2	172.6	178.6	185.5	195.1	205.2	217.3
145°	153.5	153.8	154.2	155.1	156.6	159.7	162.8	168.3	173.5	181.7	192.5
147.5°	144.7	145.5	145.7	146.0	146.8	147.5	150.0	153.3	158.7	165.6	172.4
150°	135.2	136.3	137.1	137.3	137.4	138.4	140.7	143.2	147.7	152.1	156.9
152.5°	123.4	126.3	127.4	129.0	130.3	131.7	133.7	135.6	138.0	140.6	144.0
155°	110.6	114.7	119.1	120.4	122.0	123.7	125.3	126.9	128.7	130.7	133.0
157.5°	98.5	102.5	106.0	109.2	112.2	113.7	115.3	116.9	118.4	120.0	121.6
160°	86.6	90.2	93.4	96.4	99.0	101.3	103.5	105.3	106.6	107.8	109.0
162.5°	75.3	78.9	81.2	83.7	86.0	88.0	89.9	91.5	93.0	94.3	95.4
165°	64.4	67.0	69.4	71.7	73.8	75.5	77.1	78.4	79.5	80.3	81.1
167.5°	53.6	55.8	57.9	59.8	61.6	63.2	64.7	66.0	67.2	68.1	68.7
170°	43.1	44.9	46.5	48.1	49.5	50.9	52.1	53.2	54.2	55.0	55.8
172.5°	32.2	33.7	35.1	36.4	37.6	38.7	39.6	40.4	41.2	41.9	42.5
175°	20.9	21.9	22.8	23.7	24.6	25.4	26.1	26.8	27.5	28.0	28.6
177.5°	10.8	11.2	11.6	11.9	12.2	12.5	12.8	13.1	13.3	13.5	13.7
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: P231950

CATALOG NUMBER: FVS4WM-4-LD4-40-1STD-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
0°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
2.5°	13.8	14.0	14.1	14.2	14.2	14.3	14.7	14.6	14.4	14.3	14.1
5°	29.1	29.5	29.8	30.1	30.4	30.6	30.7	30.7	31.2	31.0	30.7
7.5°	43.1	43.5	43.9	44.2	44.4	44.5	44.6	44.5	44.4	44.5	44.0
10°	56.4	56.9	57.3	57.6	57.8	57.9	57.8	57.6	57.4	57.4	56.7
12.5°	69.2	69.5	69.7	69.7	69.6	69.4	69.0	68.5	67.8	67.1	66.4
15°	81.9	82.4	82.8	83.1	83.1	83.0	82.7	82.2	81.5	80.7	80.1
17.5°	96.3	97.0	97.6	98.1	98.4	98.6	98.7	98.6	98.3	97.8	97.6
20°	110.1	111.2	112.3	113.3	114.3	115.1	115.8	116.3	116.6	116.7	117.2
22.5°	123.2	124.8	126.5	128.2	129.8	131.3	132.6	133.8	134.7	135.4	136.5
25°	135.3	137.6	140.0	142.8	145.5	147.9	150.1	152.1	153.7	155.1	156.1
27.5°	147.8	151.6	155.2	159.2	163.4	167.4	171.0	174.1	176.9	179.2	181.0
30°	162.4	168.2	173.8	179.1	185.9	192.2	198.0	203.1	207.6	211.3	214.3
32.5°	180.0	189.1	197.8	206.1	215.6	225.6	234.7	242.9	250.1	256.3	261.3
35°	202.9	215.9	229.3	242.2	254.8	268.2	280.2	290.9	300.0	307.7	313.8
37.5°	233.1	249.5	268.0	285.4	301.4	317.4	332.1	345.1	356.3	365.7	373.2
40°	270.2	291.0	312.8	333.8	353.3	371.9	389.1	404.0	416.6	426.8	434.6
42.5°	315.0	337.2	361.6	387.2	410.4	431.8	453.1	471.4	486.6	498.7	507.6
45°	362.3	390.7	417.4	448.3	477.3	506.1	527.8	549.4	567.5	581.8	592.5
47.5°	414.7	449.4	484.0	517.9	551.7	582.1	611.1	638.7	663.1	684.0	700.7
50°	472.7	512.2	552.0	591.0	630.5	667.3	703.3	738.9	770.2	796.5	817.7
52.5°	530.1	573.7	619.2	664.3	712.4	760.6	804.7	851.5	891.9	925.6	952.1
55°	584.2	634.5	686.1	741.6	800.6	867.1	926.0	975.7	1016.8	1049.5	1073.9
57.5°	637.7	693.7	752.6	823.5	901.1	973.0	1044.7	1092.1	1126.2	1151.3	1167.9
60°	687.3	748.9	823.7	904.3	988.5	1067.6	1139.4	1189.3	1211.5	1229.0	1241.5
62.5°	730.7	805.2	890.1	980.2	1066.7	1145.8	1205.7	1254.8	1271.8	1284.4	1292.7
65°	778.1	857.2	951.2	1046.7	1133.9	1207.2	1259.5	1297.4	1318.9	1332.3	1342.5
67.5°	825.9	913.2	1008.8	1108.7	1197.7	1264.1	1310.1	1340.6	1360.3	1372.7	1382.2
70°	870.4	967.0	1069.3	1171.9	1259.0	1315.9	1354.8	1374.7	1392.2	1405.6	1415.7
72.5°	909.6	1013.2	1123.4	1223.4	1305.6	1357.7	1381.2	1401.1	1420.0	1435.7	1444.4
75°	943.4	1054.6	1164.2	1265.0	1346.0	1381.0	1402.0	1423.5	1444.8	1460.7	1469.8
77.5°	969.6	1087.2	1196.5	1305.7	1370.6	1403.8	1424.2	1444.1	1460.3	1475.5	1486.2
80°	998.5	1111.2	1225.8	1338.9	1397.8	1425.8	1443.1	1457.5	1469.6	1484.7	1498.6
82.5°	1021.8	1134.7	1256.8	1358.0	1413.1	1438.9	1455.1	1469.4	1482.4	1492.8	1507.5
85°	1035.7	1149.2	1275.2	1373.1	1420.2	1443.8	1462.2	1478.6	1491.6	1502.7	1510.5
87.5°	1044.5	1154.3	1281.0	1383.2	1423.8	1445.7	1464.8	1480.6	1494.1	1508.7	1516.8
90°	1036.0	1149.9	1274.3	1384.9	1423.1	1445.1	1464.6	1479.2	1490.6	1506.9	1513.4
92.5°	1044.5	1154.3	1281.0	1383.2	1423.8	1445.7	1464.8	1480.6	1494.1	1508.7	1516.8
95°	1035.7	1149.2	1275.2	1373.1	1420.2	1443.8	1462.2	1478.6	1491.6	1502.7	1510.5
97.5°	1021.8	1134.7	1256.8	1358.0	1413.1	1438.9	1455.1	1469.4	1482.4	1492.8	1507.5
100°	998.5	1111.2	1225.8	1338.9	1397.8	1425.8	1443.1	1457.5	1469.6	1484.7	1498.6
102.5°	969.6	1087.2	1196.5	1305.7	1370.6	1403.8	1424.2	1444.1	1460.3	1475.5	1486.2
105°	943.4	1054.6	1164.2	1265.0	1346.0	1381.0	1402.0	1423.5	1444.8	1460.7	1469.8
107.5°	909.6	1013.2	1123.4	1223.4	1305.6	1357.7	1381.2	1401.1	1420.0	1435.7	1444.4
110°	870.4	967.0	1069.3	1171.9	1259.0	1315.9	1354.8	1374.7	1392.2	1405.6	1415.7



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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°	825.9	913.2	1008.8	1108.7	1197.7	1264.1	1310.1	1340.6	1360.3	1372.7	1382.2
115°	778.1	857.2	951.2	1046.7	1133.9	1207.2	1259.5	1297.4	1318.9	1332.3	1342.5
117.5°	730.7	805.2	890.1	980.2	1066.7	1145.8	1205.7	1254.8	1271.8	1284.4	1292.7
120°	687.3	748.9	823.7	904.3	988.5	1067.6	1139.4	1189.3	1211.5	1229.0	1241.5
122.5°	637.7	693.7	752.6	823.5	901.1	973.0	1044.7	1092.1	1126.2	1151.3	1167.9
125°	584.2	634.5	686.1	741.6	800.6	867.1	926.0	975.7	1016.8	1049.5	1073.9
127.5°	530.1	573.7	619.2	664.3	712.4	760.6	804.7	851.5	891.9	925.6	952.1
130°	472.7	512.2	552.0	591.0	630.5	667.3	703.3	738.9	770.2	796.5	817.7
132.5°	414.7	449.4	484.0	517.9	551.7	582.1	611.1	638.7	663.1	684.0	700.7
135°	362.3	390.7	417.4	448.3	477.3	506.1	527.8	549.4	567.5	581.8	592.5
137.5°	315.0	337.2	361.6	387.2	410.4	431.8	453.1	471.4	486.6	498.7	507.6
140°	270.2	291.0	312.8	333.8	353.3	371.9	389.1	404.0	416.6	426.8	434.6
142.5°	233.1	249.5	268.0	285.4	301.4	317.4	332.1	345.1	356.3	365.7	373.2
145°	202.9	215.9	229.3	242.2	254.8	268.2	280.2	290.9	300.0	307.7	313.8
147.5°	180.0	189.1	197.8	206.1	215.6	225.6	234.7	242.9	250.1	256.3	261.3
150°	162.4	168.2	173.8	179.1	185.9	192.2	198.0	203.1	207.6	211.3	214.3
152.5°	147.8	151.6	155.2	159.2	163.4	167.4	171.0	174.1	176.9	179.2	181.0
155°	135.3	137.6	140.0	142.8	145.5	147.9	150.1	152.1	153.8	155.1	156.1
157.5°	123.2	124.8	126.5	128.2	129.8	131.3	132.6	133.8	134.7	135.4	136.5
160°	110.1	111.2	112.3	113.3	114.3	115.1	115.8	116.3	116.6	116.7	117.2
162.5°	96.3	97.0	97.6	98.1	98.4	98.6	98.7	98.6	98.3	97.8	97.6
165°	81.9	82.4	82.8	83.1	83.1	83.0	82.7	82.2	81.5	80.7	80.1
167.5°	69.2	69.5	69.7	69.7	69.6	69.4	69.0	68.5	67.8	67.1	66.4
170°	56.4	56.9	57.3	57.6	57.8	57.9	57.8	57.6	57.4	57.4	56.7
172.5°	43.1	43.5	43.9	44.2	44.4	44.5	44.6	44.5	44.4	44.5	44.0
175°	29.1	29.5	29.8	30.1	30.4	30.6	30.7	30.7	31.2	31.0	30.7
177.5°	13.8	14.0	14.1	14.2	14.2	14.3	14.7	14.6	14.4	14.3	14.1
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	357.5°	360°
0°	0.8	0.8
2.5°	14.0	13.8
5°	30.4	30.1
7.5°	43.6	43.1
10°	56.0	55.3
12.5°	65.3	64.2
15°	78.7	77.3
17.5°	96.4	95.1
20°	116.4	115.5
22.5°	136.2	135.8
25°	156.9	156.9
27.5°	182.6	183.0
30°	217.0	217.9
32.5°	265.7	267.5
35°	319.1	321.2
37.5°	379.7	382.2
40°	441.2	443.2
42.5°	515.0	516.4
45°	601.3	602.6
47.5°	715.5	719.7
50°	836.3	842.5
52.5°	975.0	982.3
55°	1093.8	1098.6
57.5°	1179.8	1179.1
60°	1251.5	1250.7
62.5°	1296.5	1296.2
65°	1348.8	1350.7
67.5°	1388.3	1390.6
70°	1422.5	1425.5
72.5°	1447.1	1445.1
75°	1473.4	1473.5
77.5°	1494.7	1502.8
80°	1511.1	1519.9
82.5°	1520.0	1532.9
85°	1523.8	1539.4
87.5°	1519.2	1544.3
90°	1520.7	1536.1
92.5°	1519.2	1544.3
95°	1523.8	1539.4
97.5°	1520.0	1532.9
100°	1511.1	1519.9
102.5°	1494.7	1502.8
105°	1473.4	1473.5
107.5°	1447.1	1445.1
110°	1422.5	1425.5



TEST NUMBER: P231950

CATALOG NUMBER: FVS4WM-4-LD4-40-1STD-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	357.5°	360°
112.5°	1388.3	1390.6
115°	1348.8	1350.7
117.5°	1296.5	1296.2
120°	1251.5	1250.7
122.5°	1179.8	1179.1
125°	1093.8	1098.6
127.5°	975.0	982.3
130°	836.3	842.5
132.5°	715.5	719.7
135°	601.3	602.6
137.5°	515.0	516.4
140°	441.2	443.2
142.5°	379.7	382.2
145°	319.1	321.2
147.5°	265.7	267.5
150°	217.0	217.9
152.5°	182.6	183.0
155°	156.9	156.9
157.5°	136.2	135.8
160°	116.4	115.5
162.5°	96.4	95.1
165°	78.7	77.3
167.5°	65.3	64.2
170°	56.0	55.3
172.5°	43.6	43.1
175°	30.4	30.1
177.5°	14.0	13.8
180°	0.0	0.0

(END OF REPORT)