

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: P231995

Luminaire Tested: **FVS4WM-4-LD4-50-2LO-PFS125-UNV-EDC1**

Issue Date: 3/3/2020



Test Information

Test Method: LM-79-08
Report Number: P231995
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1706-121-19)
Test Lab: INNOVATION CENTER(G3)
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: FAIL-SAFE
Catalog Number: FVS4WM-4-LD4-50-2LO-PFS125-UNV-EDC1
Description: FAILSAFE FVS LED FIXTURE
4FT LENGTH, 2-MODULE LED WITH PFS125 LENS
Light Source: (168) 5000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

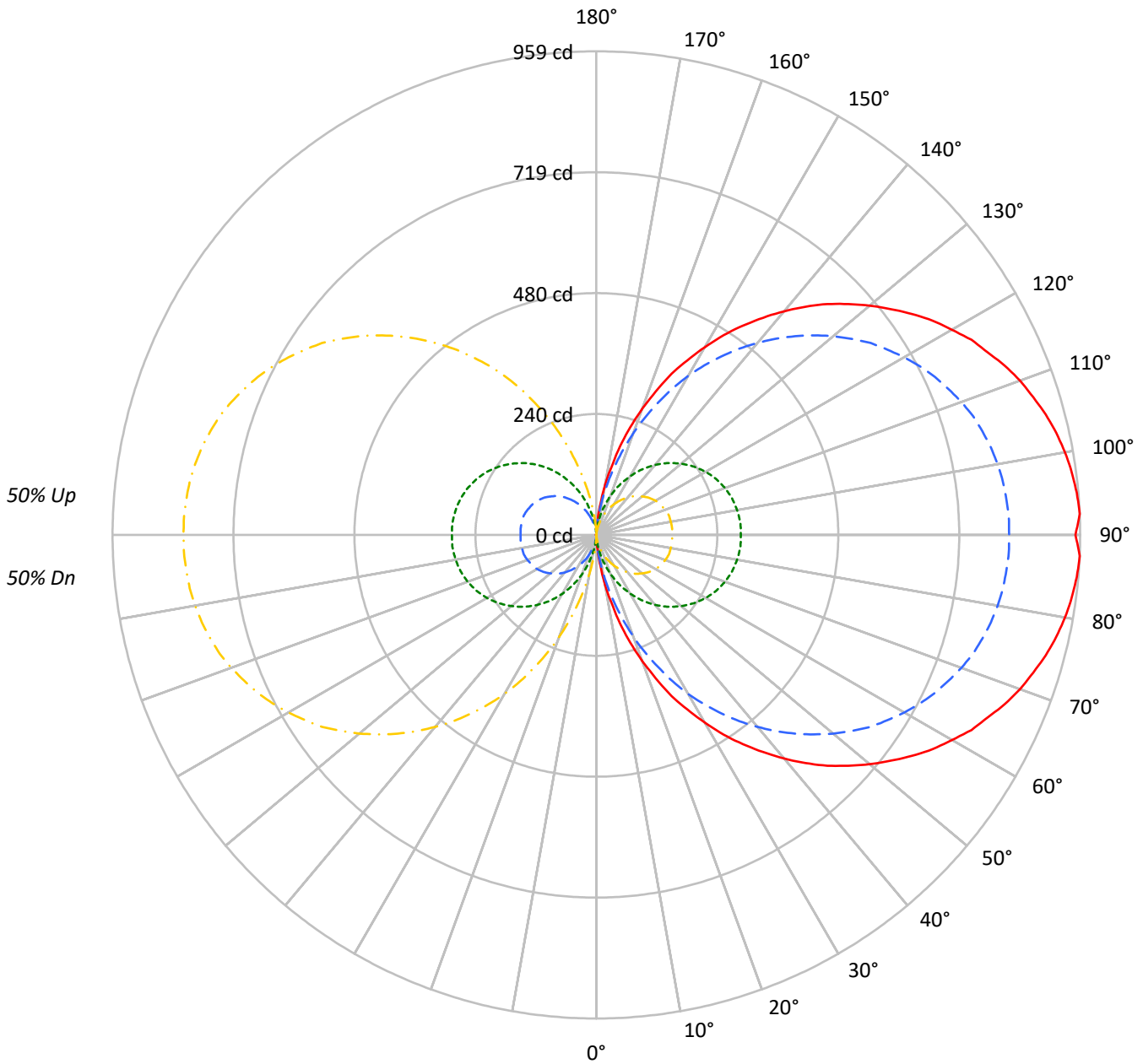
Lumens per Lamp: N/A
Luminaire Lumens: 4254.6 lumens
Efficiency: N/A
Efficacy: 74.1 lumens/watt
Spacing Criteria (0/90/45): - / - / -
Luminous Opening: Rectangular w/ Sides (W: 3.79' x L: 0.19' x H: 0.31')
CIE Type: General Diffuse

Input Watts (W): 57.4
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	92	85	79	74	84	78	73	68	64	60	56	52	49	46	40	38	36	30
2	81	71	63	55	74	65	57	51	53	47	42	42	38	34	32	29	26	21
3	73	61	51	44	66	55	47	40	45	38	33	36	30	26	27	23	19	15
4	66	52	43	35	59	48	39	32	39	32	26	31	25	21	23	19	15	11
5	60	46	36	29	54	42	33	26	34	27	22	27	21	17	20	16	12	9
6	55	41	31	24	49	37	28	22	30	23	18	24	18	14	18	13	10	7
7	50	36	27	21	45	33	25	19	27	20	15	21	16	12	16	12	8	6
8	46	32	24	18	42	30	22	16	24	18	13	19	14	10	14	10	7	5
9	43	29	21	15	39	27	19	14	22	16	11	17	12	9	13	9	6	4
10	40	27	19	13	36	24	17	12	20	14	10	16	11	8	12	8	5	3

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	0	0	0	0
5°	428	142	0	142
10°	1225	465	0	465
15°	1969	857	0	857
20°	2667	1292	0	1292
25°	3314	1760	0	1760
30°	3828	2245	0	2245
35°	4322	2777	0	2777
40°	4771	3344	0	3344
45°	5199	3984	0	3984
50°	5579	4708	6	4708
55°	5965	5574	6	5574
60°	6338	6630	6	6630
65°	6704	7976	6	7976
70°	7091	9796	6	9796
75°	7471	12459	6	12459
80°	7869	16827	0	16827
85°	8282	25619	0	25619



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	2.3	0.1
10°-20°	23.8	0.6
20°-30°	74.5	1.8
30°-40°	148.1	3.5
40°-50°	233.9	5.5
50°-60°	320.2	7.5
60°-70°	395.7	9.3
70°-80°	450.8	10.6
80°-90°	477.9	11.2
90°-100°	477.9	11.2
100°-110°	450.8	10.6
110°-120°	395.7	9.3
120°-130°	320.2	7.5
130°-140°	233.9	5.5
140°-150°	148.1	3.5
150°-160°	74.5	1.8
160°-170°	23.8	0.6
170°-180°	2.3	0.1
0°-30°	100.6	2.4
0°-40°	248.8	5.8
0°-60°	802.9	18.9
0°-90°	2127.3	50.0
90°-120°	1324.4	31.1
90°-150°	2026.6	47.6
90°-180°	2127.0	50.0
0°-180°	4254.6	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	0	0	0	0	0	
5°	32	9	0	9	32	5
15°	182	56	0	56	182	54
25°	352	109	0	109	352	164
35°	507	159	0	159	507	320
45°	648	201	0	201	648	501
55°	764	236	1	236	764	685
65°	856	262	1	262	856	850
75°	922	278	1	278	922	974
85°	956	286	0	286	956	778
90°	950	286	0	286	950	523
95°	956	286	0	286	956	778
105°	922	278	1	278	922	974
115°	856	262	1	262	856	850
125°	764	236	1	236	764	685
135°	648	201	0	201	648	501
145°	507	159	0	159	507	320
155°	352	109	0	109	352	164
165°	182	56	0	56	182	54
175°	32	9	0	9	32	5
180°	0	0	0	0	0	



TEST NUMBER: P231995

CATALOG NUMBER: FVS4WM-4-LD4-50-2LO-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (FULL):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	9.4	9.6	9.8	10.0	10.2	10.4	10.6	10.4	10.5	10.5	10.5
5°	32.3	32.7	33.2	33.6	34.1	33.4	33.4	33.2	33.0	32.7	32.3
7.5°	62.9	63.5	64.1	64.8	64.0	63.8	63.5	63.0	62.3	61.4	60.4
10°	103.1	103.7	104.2	104.8	102.9	102.1	101.1	99.8	98.2	96.4	94.3
12.5°	136.9	138.2	139.5	139.3	139.3	139.0	138.2	137.0	135.3	133.2	131.3
15°	181.7	182.8	183.8	182.6	181.9	180.8	179.3	177.3	175.4	173.9	171.9
17.5°	224.2	225.6	226.9	225.7	224.9	223.6	221.7	220.0	218.5	216.5	213.9
20°	265.9	267.3	268.8	267.3	266.4	264.9	263.6	262.6	260.9	258.6	255.6
22.5°	307.6	309.4	311.2	309.6	308.7	307.2	306.6	305.3	303.2	300.3	296.6
25°	352.5	353.6	352.9	351.9	350.2	349.7	349.4	348.1	345.9	343.0	340.0
27.5°	390.2	391.8	391.7	391.1	390.0	390.5	390.2	389.1	386.9	385.1	381.7
30°	429.6	431.6	431.6	431.1	430.9	431.0	430.1	428.4	426.6	424.1	420.7
32.5°	469.7	471.2	470.5	469.4	470.3	470.6	469.8	468.4	466.4	463.3	459.0
35°	506.7	507.8	506.7	505.7	508.0	509.1	508.9	508.0	506.2	502.9	499.1
37.5°	542.8	544.0	542.8	542.7	544.3	545.0	545.7	545.4	543.4	541.1	537.5
40°	579.0	579.0	576.6	577.5	579.5	580.3	581.2	581.2	580.2	578.1	575.0
42.5°	613.7	614.0	611.5	613.1	614.6	615.7	616.3	615.8	614.3	612.3	609.2
45°	647.5	646.3	642.4	645.3	647.0	648.9	649.6	650.9	648.0	645.0	641.6
47.5°	677.4	677.0	674.7	677.7	679.6	681.2	681.7	681.5	680.2	677.8	673.7
50°	707.3	708.2	706.8	707.3	709.5	711.9	713.3	712.6	711.1	708.4	704.3
52.5°	735.6	737.6	737.0	736.4	738.4	740.5	742.4	742.3	741.0	737.3	731.8
55°	763.9	763.3	762.7	763.7	766.3	768.8	770.7	770.3	768.3	763.9	757.6
57.5°	790.7	788.8	788.0	790.1	793.1	795.6	797.2	796.9	794.8	788.9	781.1
60°	813.5	812.8	812.0	814.6	817.8	820.1	822.7	821.4	818.6	812.4	804.6
62.5°	837.9	835.4	834.2	836.9	840.5	843.6	845.0	843.1	839.3	834.9	826.5
65°	856.0	857.2	854.7	858.1	862.4	864.2	865.4	862.9	858.3	852.8	846.7
67.5°	876.4	875.4	874.4	877.8	882.3	884.6	883.7	880.4	877.0	871.3	865.1
70°	893.7	892.1	891.3	895.0	899.0	901.3	899.2	896.2	892.8	888.3	882.2
72.5°	907.9	906.8	905.8	911.1	914.5	914.7	912.7	909.8	907.2	903.4	897.3
75°	922.1	919.7	919.8	924.9	926.4	924.8	923.0	922.2	920.7	917.0	910.0
77.5°	933.9	929.9	931.6	935.2	934.3	933.3	933.9	934.0	931.8	927.4	920.6
80°	943.3	938.6	941.2	941.7	939.4	942.1	944.5	943.7	940.5	936.1	928.6
82.5°	950.4	946.3	946.3	942.8	947.1	950.3	950.8	949.3	946.2	941.1	934.3
85°	955.9	951.8	944.3	948.9	952.0	953.2	953.3	952.3	949.4	944.6	937.9
87.5°	959.0	945.4	947.2	949.3	952.1	953.8	954.0	952.3	950.5	945.6	939.1
90°	949.6	940.1	940.9	945.7	948.8	951.2	951.9	951.2	949.6	944.9	937.8
92.5°	959.0	945.4	947.2	949.3	952.1	953.8	954.0	952.3	950.5	945.6	939.1
95°	955.9	951.8	944.3	948.9	952.0	953.2	953.3	952.3	949.4	944.6	937.9
97.5°	950.4	946.3	946.3	942.8	947.1	950.3	950.8	949.3	946.2	941.1	934.3
100°	943.3	938.6	941.2	941.7	939.4	942.1	944.5	943.7	940.5	936.1	928.6
102.5°	933.9	929.9	931.6	935.2	934.3	933.3	933.9	934.0	931.8	927.4	920.6
105°	922.1	919.7	919.8	924.9	926.4	924.8	923.0	922.2	920.7	917.0	910.0
107.5°	907.9	906.8	905.8	911.1	914.5	914.7	912.7	909.8	907.2	903.4	897.3
110°	893.7	892.1	891.3	895.0	899.0	901.3	899.2	896.2	892.8	888.3	882.2



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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°	876.4	875.4	874.4	877.8	882.3	884.6	883.7	880.4	877.0	871.3	865.1
115°	856.0	857.2	854.7	858.1	862.4	864.2	865.4	862.9	858.3	852.8	846.7
117.5°	837.9	835.4	834.2	836.9	840.5	843.6	845.0	843.1	839.3	834.9	826.5
120°	813.5	812.8	812.0	814.6	817.8	820.1	822.7	821.4	818.6	812.4	804.6
122.5°	790.7	788.8	788.0	790.1	793.1	795.6	797.2	796.9	794.8	788.9	781.1
125°	763.9	763.3	762.7	763.7	766.3	768.8	770.7	770.3	768.3	763.9	757.6
127.5°	735.6	737.6	737.0	736.4	738.4	740.5	742.4	742.3	741.0	737.3	731.8
130°	707.3	708.2	706.8	707.3	709.5	711.9	713.3	712.6	711.1	708.4	704.3
132.5°	677.4	677.0	674.7	677.7	679.6	681.2	681.7	681.5	680.2	677.8	673.7
135°	647.5	646.3	642.4	645.3	647.0	648.9	649.6	650.9	648.0	645.0	641.6
137.5°	613.7	614.0	611.5	613.1	614.6	615.7	616.3	615.8	614.3	612.3	609.2
140°	579.0	579.0	576.6	577.5	579.5	580.3	581.2	581.2	580.2	578.1	575.0
142.5°	542.8	544.0	542.8	542.7	544.3	545.0	545.7	545.4	543.4	541.1	537.5
145°	506.7	507.8	506.7	505.7	508.0	509.1	508.9	508.0	506.2	502.9	499.1
147.5°	469.7	471.2	470.5	469.4	470.3	470.6	469.8	468.4	466.4	463.3	459.0
150°	429.6	431.6	431.6	431.1	430.9	431.0	430.1	428.4	426.6	424.1	420.7
152.5°	390.2	391.8	391.7	391.1	390.0	390.5	390.2	389.1	386.9	385.1	381.7
155°	352.5	353.6	352.9	351.9	350.2	349.7	349.4	348.1	345.9	343.0	340.0
157.5°	307.6	309.4	311.2	309.6	308.7	307.2	306.6	305.3	303.2	300.3	296.6
160°	265.9	267.3	268.8	267.3	266.4	264.9	263.6	262.6	260.9	258.6	255.6
162.5°	224.2	225.6	226.9	225.7	224.9	223.6	221.7	220.0	218.5	216.5	213.9
165°	181.7	182.8	183.8	182.6	181.9	180.8	179.3	177.3	175.4	173.9	171.9
167.5°	136.9	138.2	139.5	139.3	139.3	139.0	138.2	137.0	135.3	133.2	131.3
170°	103.1	103.7	104.2	104.8	102.9	102.1	101.1	99.8	98.2	96.4	94.3
172.5°	62.9	63.5	64.1	64.8	64.0	63.8	63.5	63.0	62.3	61.4	60.4
175°	32.3	32.7	33.2	33.6	34.1	33.4	33.4	33.2	33.0	32.7	32.3
177.5°	9.4	9.6	9.8	10.0	10.2	10.4	10.6	10.4	10.5	10.5	10.5
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	10.5	10.5	10.5	10.4	10.3	10.2	10.1	10.0	9.8	9.7	9.5
5°	31.8	31.2	30.5	29.7	28.9	27.9	26.9	25.8	24.6	23.4	22.0
7.5°	59.3	57.9	56.4	54.8	53.0	51.0	48.7	47.3	45.4	43.7	42.2
10°	92.0	89.4	87.8	85.8	83.6	81.1	78.8	76.4	73.8	70.9	67.7
12.5°	129.3	126.9	124.1	120.9	117.6	114.4	111.1	107.6	103.9	100.0	96.0
15°	169.3	166.2	162.6	158.7	154.4	149.7	145.0	140.3	135.3	130.7	125.8
17.5°	210.9	207.4	203.3	198.8	194.1	188.9	183.3	177.4	171.6	165.3	158.8
20°	252.0	248.0	243.8	239.2	234.1	228.5	222.1	215.1	207.6	199.7	191.8
22.5°	293.3	289.4	284.6	278.9	272.3	265.6	259.2	252.3	245.0	235.7	225.9
25°	336.1	331.5	326.3	320.3	313.6	305.9	297.5	288.6	280.2	271.1	262.5
27.5°	377.3	372.2	366.8	360.7	353.6	345.8	339.0	327.2	316.0	304.2	292.6
30°	416.3	411.8	407.4	399.8	392.2	383.6	374.1	364.1	353.1	339.7	325.3
32.5°	455.6	450.8	444.9	437.7	429.7	420.1	409.6	398.4	387.1	374.9	359.7
35°	494.8	489.7	483.1	475.6	467.0	456.5	444.6	432.2	418.8	405.4	391.6
37.5°	532.4	526.5	519.7	513.0	502.6	491.7	478.8	465.6	451.5	436.0	420.5
40°	569.8	562.7	555.2	546.4	536.0	524.2	510.7	496.8	482.7	467.0	449.9
42.5°	603.6	596.7	588.6	579.4	570.8	556.7	542.6	528.0	513.1	496.3	478.4
45°	636.4	628.4	619.6	610.1	599.3	587.1	572.6	557.2	541.5	524.4	505.2
47.5°	668.2	659.5	649.8	639.8	628.4	615.2	601.3	585.5	568.3	550.8	531.2
50°	701.0	691.8	679.3	668.6	658.3	643.1	628.2	612.9	594.8	575.7	555.8
52.5°	725.8	717.8	706.3	695.4	683.5	671.0	654.4	638.3	621.1	600.2	578.9
55°	750.4	742.6	731.7	719.9	708.5	694.4	679.0	663.5	643.6	622.6	601.7
57.5°	773.8	765.9	755.8	743.9	731.7	717.7	701.3	683.9	665.0	644.3	621.2
60°	797.1	788.6	778.3	766.0	753.4	739.0	722.7	704.3	684.4	663.2	640.7
62.5°	818.7	810.0	799.5	787.3	773.4	758.6	741.8	723.5	703.3	680.9	657.9
65°	839.0	830.4	819.4	807.3	792.7	776.6	759.1	740.7	719.4	696.8	673.3
67.5°	858.1	849.5	837.3	824.3	810.5	793.7	775.3	755.7	734.2	711.5	687.5
70°	874.7	865.2	854.3	839.2	824.7	808.4	789.8	769.9	748.7	725.4	700.9
72.5°	889.8	879.3	867.8	853.6	837.7	821.1	802.6	783.1	760.5	737.1	711.7
75°	902.1	891.6	879.5	866.2	849.5	832.0	813.4	792.3	769.7	746.7	721.1
77.5°	912.0	901.4	888.9	874.8	858.6	841.0	821.9	800.9	778.2	754.3	728.9
80°	919.7	909.4	896.5	882.4	866.8	848.5	828.5	807.7	785.3	761.0	735.0
82.5°	925.8	914.7	902.0	887.7	871.7	853.3	833.2	812.8	790.9	766.6	739.9
85°	929.0	918.5	905.3	890.9	874.3	855.9	836.4	815.8	792.5	768.6	742.9
87.5°	930.3	920.5	908.0	892.8	876.3	857.5	838.9	818.2	794.6	770.2	745.0
90°	929.9	919.7	908.7	892.2	875.6	857.5	839.4	818.2	796.2	770.2	745.0
92.5°	930.3	920.5	908.0	892.8	876.3	857.5	838.9	818.2	794.6	770.2	745.0
95°	929.0	918.5	905.3	890.9	874.3	855.9	836.4	815.8	792.5	768.6	742.9
97.5°	925.8	914.7	902.0	887.7	871.7	853.3	833.2	812.8	790.9	766.6	739.9
100°	919.7	909.4	896.5	882.4	866.8	848.5	828.5	807.7	785.3	761.0	735.0
102.5°	912.0	901.4	888.9	874.8	858.6	841.0	821.9	800.9	778.2	754.3	728.9
105°	902.1	891.6	879.5	866.2	849.5	832.0	813.4	792.3	769.7	746.7	721.1
107.5°	889.8	879.3	867.8	853.6	837.7	821.1	802.6	783.1	760.5	737.1	711.7
110°	874.7	865.2	854.3	839.2	824.7	808.4	789.8	769.9	748.7	725.4	700.9



TEST NUMBER: P231995

CATALOG NUMBER: FVS4WM-4-LD4-50-2LO-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
112.5°	858.1	849.5	837.3	824.3	810.5	793.7	775.3	755.7	734.2	711.5	687.5
115°	839.0	830.4	819.4	807.3	792.7	776.6	759.1	740.7	719.4	696.8	673.3
117.5°	818.7	810.0	799.5	787.3	773.4	758.6	741.8	723.5	703.3	680.9	657.9
120°	797.1	788.6	778.3	766.0	753.4	739.0	722.7	704.3	684.4	663.2	640.7
122.5°	773.8	765.9	755.8	743.9	731.7	717.7	701.3	683.9	665.0	644.3	621.2
125°	750.4	742.6	731.7	719.9	708.5	694.4	679.0	663.5	643.6	622.6	601.7
127.5°	725.8	717.8	706.3	695.4	683.5	671.0	654.4	638.3	621.1	600.2	578.9
130°	701.0	691.8	679.3	668.6	658.3	643.1	628.2	612.9	594.8	575.7	555.8
132.5°	668.2	659.5	649.8	639.8	628.4	615.2	601.3	585.5	568.3	550.8	531.2
135°	636.4	628.4	619.6	610.1	599.3	587.1	572.6	557.2	541.5	524.4	505.2
137.5°	603.6	596.7	588.6	579.4	570.8	556.7	542.6	528.0	513.1	496.3	478.4
140°	569.8	562.7	555.2	546.4	536.0	524.2	510.7	496.8	482.7	467.0	449.9
142.5°	532.4	526.5	519.7	513.0	502.6	491.7	478.8	465.6	451.5	436.0	420.5
145°	494.8	489.7	483.1	475.6	467.0	456.5	444.6	432.2	418.8	405.4	391.6
147.5°	455.6	450.8	444.9	437.7	429.7	420.1	409.6	398.4	387.1	374.9	359.7
150°	416.3	411.8	407.4	399.8	392.2	383.6	374.1	364.1	353.1	339.7	325.3
152.5°	377.3	372.2	366.8	360.7	353.6	345.8	339.0	327.2	316.0	304.2	292.6
155°	336.1	331.5	326.3	320.3	313.6	305.9	297.5	288.6	280.2	271.1	262.5
157.5°	293.3	289.4	284.6	278.9	272.3	265.6	259.2	252.3	245.0	235.7	225.9
160°	252.0	248.0	243.8	239.2	234.1	228.5	222.1	215.1	207.6	199.7	191.8
162.5°	210.9	207.4	203.3	198.8	194.1	188.9	183.3	177.4	171.6	165.3	158.8
165°	169.3	166.2	162.6	158.7	154.4	149.7	145.0	140.3	135.3	130.7	125.8
167.5°	129.3	126.9	124.1	120.9	117.6	114.4	111.1	107.6	103.9	100.0	96.0
170°	92.0	89.4	87.8	85.8	83.6	81.1	78.8	76.4	73.8	70.9	67.7
172.5°	59.3	57.9	56.4	54.8	53.0	51.0	48.7	47.3	45.4	43.7	42.2
175°	31.8	31.2	30.5	29.7	28.9	27.9	26.9	25.8	24.6	23.4	22.0
177.5°	10.5	10.5	10.5	10.4	10.3	10.2	10.1	10.0	9.8	9.7	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: P231995

CATALOG NUMBER: FVS4WM-4-LD4-50-2LO-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	9.3	9.0	8.8	8.5	8.3	8.0	7.6	7.3	7.0	6.6	6.3
5°	20.6	19.1	17.6	17.1	16.5	15.9	15.3	14.7	14.0	13.3	12.6
7.5°	40.5	38.8	36.9	34.9	32.9	30.7	28.5	27.4	26.6	25.7	24.7
10°	64.3	60.7	57.0	54.3	51.7	49.0	46.1	43.1	40.1	38.5	37.1
12.5°	91.7	87.1	82.4	77.6	72.6	68.4	65.1	61.5	57.7	53.7	51.2
15°	120.3	114.3	108.7	102.4	96.8	91.1	85.2	80.5	75.8	70.8	65.7
17.5°	152.9	144.4	136.4	128.2	120.6	114.3	107.7	100.6	94.7	88.9	83.0
20°	183.6	174.8	165.8	157.0	148.0	138.9	131.0	122.6	113.9	107.1	100.3
22.5°	215.4	205.2	194.8	183.9	174.1	164.0	153.4	143.9	134.4	125.3	117.6
25°	248.9	236.8	224.8	212.9	200.6	188.5	176.0	163.7	153.8	143.8	134.9
27.5°	280.0	267.2	254.4	241.5	227.9	213.6	199.5	185.2	172.6	161.2	150.3
30°	311.2	297.1	283.2	269.0	254.0	238.2	222.0	207.1	192.9	178.8	165.1
32.5°	343.5	328.0	312.8	297.1	280.4	262.9	244.9	228.0	211.8	196.4	181.4
35°	375.4	357.7	340.6	323.3	305.2	286.6	267.7	249.5	231.0	213.6	197.8
37.5°	404.7	386.7	367.7	348.7	330.4	309.5	289.5	269.3	249.7	230.2	213.1
40°	432.5	414.2	394.5	374.2	352.9	331.4	309.8	288.9	268.1	247.1	228.1
42.5°	459.6	440.1	420.0	398.9	376.7	353.4	330.1	307.4	285.0	263.1	242.3
45°	485.4	465.3	443.8	421.6	398.7	373.9	349.5	325.5	301.1	278.2	256.3
47.5°	510.2	488.6	466.2	444.5	419.3	394.0	368.2	343.4	317.4	292.3	269.0
50°	534.3	511.8	487.9	463.5	438.5	412.9	386.4	360.6	333.5	306.1	281.4
52.5°	556.8	533.8	508.9	483.3	457.3	430.6	403.4	376.0	347.8	318.7	293.0
55°	578.0	554.3	529.1	502.6	474.6	446.9	418.6	389.7	360.3	330.8	304.3
57.5°	597.7	573.4	548.5	521.3	491.9	462.4	433.3	403.4	372.5	341.8	314.1
60°	616.6	591.3	564.0	536.7	507.4	476.2	446.8	417.1	384.7	352.3	323.5
62.5°	633.0	606.9	578.9	550.3	522.1	489.4	459.1	428.2	395.7	362.8	332.5
65°	648.2	621.7	593.6	564.2	534.6	502.5	470.4	437.7	405.3	372.9	341.5
67.5°	661.7	635.1	607.1	578.3	546.0	513.9	480.9	447.3	413.8	380.9	348.9
70°	674.3	646.8	618.6	588.0	556.4	523.3	489.8	456.6	422.0	387.8	356.0
72.5°	685.6	657.4	628.8	597.3	565.3	532.2	497.4	463.6	428.8	393.9	361.8
75°	694.5	666.8	637.1	605.1	572.7	540.2	504.2	469.0	434.6	399.6	367.1
77.5°	702.0	674.6	644.7	611.6	578.5	545.7	509.6	473.7	438.9	403.6	370.4
80°	707.5	680.1	649.4	617.2	582.6	549.2	513.6	478.0	442.5	407.0	373.2
82.5°	711.7	684.4	652.8	621.8	586.8	553.4	516.9	481.4	446.3	409.9	377.2
85°	714.6	686.6	655.3	625.1	590.7	559.0	520.7	485.3	450.6	412.9	379.1
87.5°	716.7	687.7	657.2	626.3	592.0	558.3	521.9	485.8	451.2	414.6	378.8
90°	716.7	686.8	657.7	625.5	591.6	557.0	523.2	486.2	451.6	416.2	378.4
92.5°	716.7	687.7	657.2	626.3	592.0	558.3	521.9	485.8	451.2	414.6	378.8
95°	714.6	686.6	655.3	625.1	590.7	559.0	520.7	485.3	450.6	412.9	379.1
97.5°	711.7	684.4	652.8	621.8	586.8	553.4	516.9	481.4	446.3	409.9	377.2
100°	707.5	680.1	649.4	617.2	582.6	549.2	513.6	478.0	442.5	407.0	373.2
102.5°	702.0	674.6	644.7	611.6	578.5	545.7	509.6	473.7	438.9	403.6	370.4
105°	694.5	666.8	637.1	605.1	572.7	540.2	504.2	469.0	434.6	399.6	367.1
107.5°	685.6	657.4	628.8	597.3	565.3	532.2	497.4	463.6	428.8	393.9	361.8
110°	674.3	646.8	618.6	588.0	556.4	523.3	489.8	456.6	422.0	387.8	356.0



TEST NUMBER: P231995

CATALOG NUMBER: FVS4WM-4-LD4-50-2LO-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
112.5°	661.7	635.1	607.1	578.3	546.0	513.9	480.9	447.3	413.8	380.9	348.9
115°	648.2	621.7	593.6	564.2	534.6	502.5	470.4	437.7	405.3	372.9	341.5
117.5°	633.0	606.9	578.9	550.3	522.1	489.4	459.1	428.2	395.7	362.8	332.5
120°	616.6	591.3	564.0	536.7	507.4	476.2	446.8	417.1	384.7	352.3	323.5
122.5°	597.7	573.4	548.5	521.3	491.9	462.4	433.3	403.4	372.5	341.8	314.1
125°	578.0	554.3	529.1	502.6	474.6	446.9	418.6	389.7	360.3	330.8	304.3
127.5°	556.8	533.8	508.9	483.3	457.3	430.6	403.4	376.0	347.8	318.7	293.0
130°	534.3	511.8	487.9	463.5	438.5	412.9	386.4	360.6	333.5	306.1	281.4
132.5°	510.2	488.6	466.2	444.5	419.3	394.0	368.2	343.4	317.4	292.3	269.0
135°	485.4	465.3	443.8	421.6	398.7	373.9	349.5	325.5	301.1	278.2	256.3
137.5°	459.6	440.1	420.0	398.9	376.7	353.4	330.1	307.4	285.0	263.1	242.3
140°	432.5	414.2	394.5	374.2	352.9	331.4	309.8	288.9	268.1	247.1	228.1
142.5°	404.7	386.7	367.7	348.7	330.4	309.5	289.5	269.3	249.7	230.2	213.1
145°	375.4	357.7	340.6	323.3	305.2	286.6	267.7	249.5	231.0	213.6	197.8
147.5°	343.5	328.0	312.8	297.1	280.4	262.9	244.9	228.0	211.8	196.4	181.4
150°	311.2	297.1	283.2	269.0	254.0	238.2	222.0	207.1	192.9	178.8	165.1
152.5°	280.0	267.2	254.4	241.5	227.9	213.6	199.5	185.2	172.6	161.2	150.3
155°	248.9	236.8	224.8	212.9	200.6	188.5	176.0	163.7	153.8	143.8	134.9
157.5°	215.4	205.2	194.8	183.9	174.1	164.0	153.4	143.9	134.4	125.3	117.6
160°	183.6	174.8	165.8	157.0	148.0	138.9	131.0	122.6	113.9	107.1	100.3
162.5°	152.9	144.4	136.4	128.2	120.6	114.3	107.7	100.6	94.7	88.9	83.0
165°	120.3	114.3	108.7	102.4	96.8	91.1	85.2	80.5	75.8	70.8	65.7
167.5°	91.7	87.1	82.4	77.6	72.6	68.4	65.1	61.5	57.7	53.7	51.2
170°	64.3	60.7	57.0	54.3	51.7	49.0	46.1	43.1	40.1	38.5	37.1
172.5°	40.5	38.8	36.9	34.9	32.9	30.7	28.5	27.4	26.6	25.7	24.7
175°	20.6	19.1	17.6	17.1	16.5	15.9	15.3	14.7	14.0	13.3	12.6
177.5°	9.3	9.0	8.8	8.5	8.3	8.0	7.6	7.3	7.0	6.6	6.3
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: P231995

CATALOG NUMBER: FVS4WM-4-LD4-50-2LO-PFS125-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°	5.9	5.5	5.1	4.7	4.7	4.7	4.6	4.6	4.5	4.5	4.4
5°	11.8	11.0	10.2	9.4	9.3	9.2	9.1	9.0	8.9	8.7	8.6
7.5°	23.6	22.5	21.3	20.1	19.8	19.5	19.2	18.8	18.3	17.8	17.3
10°	35.6	34.1	32.4	30.7	30.2	29.7	29.1	28.4	27.7	27.0	26.2
12.5°	49.4	47.5	45.4	43.3	42.6	41.9	41.0	40.0	39.0	38.0	37.0
15°	63.2	60.9	58.5	55.9	55.0	54.0	52.8	51.6	50.6	49.5	48.2
17.5°	78.0	75.3	72.4	69.3	68.2	67.0	65.7	64.4	63.1	61.6	60.0
20°	93.3	89.7	86.3	82.6	81.4	80.1	78.7	77.1	75.5	73.8	71.8
22.5°	109.8	104.3	100.3	96.0	94.5	92.9	91.2	89.6	87.8	85.8	83.5
25°	126.2	118.9	114.3	109.4	107.6	105.6	103.8	102.1	100.1	97.6	95.0
27.5°	141.0	132.4	127.3	122.0	120.0	117.9	116.1	114.2	111.9	109.2	106.4
30°	155.5	145.8	140.3	134.5	132.4	130.1	128.3	126.3	123.7	120.9	117.8
32.5°	169.7	159.2	152.7	146.7	144.3	141.8	139.9	137.7	135.0	132.0	128.7
35°	184.1	172.5	165.1	158.9	156.1	153.4	151.4	149.0	146.1	142.8	139.1
37.5°	197.4	185.1	176.5	169.9	166.7	163.8	161.9	159.3	156.5	152.8	149.0
40°	210.5	197.6	187.9	180.9	177.2	174.3	172.2	169.5	166.3	162.5	158.6
42.5°	222.8	209.1	198.5	191.2	187.3	184.2	181.9	179.2	175.8	172.0	167.7
45°	235.6	220.4	209.1	201.4	197.4	194.1	191.5	189.0	185.2	180.8	176.2
47.5°	247.4	230.8	218.5	210.5	206.3	203.0	200.4	198.0	193.8	189.2	184.5
50°	259.0	241.0	227.8	219.5	215.2	211.9	209.2	206.7	202.2	197.5	192.6
52.5°	270.1	251.2	237.0	227.8	223.3	220.1	217.3	214.2	209.8	205.1	200.2
55°	280.8	261.3	246.2	236.0	231.4	228.2	225.2	221.6	217.1	212.3	207.0
57.5°	290.0	269.6	253.3	243.1	238.1	234.8	231.8	228.1	223.5	218.6	213.5
60°	298.9	277.8	260.4	250.2	244.7	241.3	238.3	234.4	229.6	224.4	220.0
62.5°	306.2	283.9	266.9	256.1	250.8	247.2	243.8	239.9	235.1	230.0	225.1
65°	313.4	289.8	273.4	262.0	257.0	253.1	249.3	245.4	240.6	235.1	229.7
67.5°	319.4	295.1	277.6	266.7	261.2	257.6	254.2	249.9	244.8	239.3	233.8
70°	325.1	300.3	281.7	271.4	265.4	262.2	259.1	254.1	248.7	243.2	237.7
72.5°	330.2	304.5	285.8	275.0	268.9	265.7	262.3	257.7	252.2	246.6	240.9
75°	335.2	308.6	290.3	278.5	272.4	269.2	265.4	261.4	255.5	249.8	243.7
77.5°	338.5	311.4	292.6	280.9	274.7	271.6	267.6	263.4	257.4	252.1	245.7
80°	341.6	314.7	295.0	283.2	277.0	273.9	269.9	265.3	259.1	254.2	247.4
82.5°	344.9	316.6	296.6	284.8	278.2	275.0	271.1	266.4	260.5	255.1	248.8
85°	346.9	318.6	298.2	286.4	279.3	276.1	272.2	267.5	262.0	255.8	250.2
87.5°	346.9	319.0	298.6	286.4	279.7	276.5	272.6	267.9	262.0	256.1	250.2
90°	346.9	319.4	299.0	286.4	280.1	276.9	273.0	268.3	262.0	256.5	250.2
92.5°	346.9	319.0	298.6	286.4	279.7	276.5	272.6	267.9	262.0	256.1	250.2
95°	346.9	318.6	298.2	286.4	279.3	276.1	272.2	267.5	262.0	255.8	250.2
97.5°	344.9	316.6	296.6	284.8	278.2	275.0	271.1	266.4	260.5	255.1	248.8
100°	341.6	314.7	295.0	283.2	277.0	273.9	269.9	265.3	259.1	254.2	247.4
102.5°	338.5	311.4	292.6	280.9	274.7	271.6	267.6	263.4	257.4	252.1	245.7
105°	335.2	308.6	290.3	278.5	272.4	269.2	265.4	261.4	255.5	249.8	243.7
107.5°	330.2	304.5	285.8	275.0	268.9	265.7	262.3	257.7	252.2	246.6	240.9
110°	325.1	300.3	281.7	271.4	265.4	262.2	259.1	254.1	248.7	243.2	237.7



TEST NUMBER: P231995

CATALOG NUMBER: FVS4WM-4-LD4-50-2LO-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
112.5°	319.4	295.1	277.6	266.7	261.2	257.6	254.2	249.9	244.8	239.3	233.8
115°	313.4	289.8	273.4	262.0	257.0	253.1	249.3	245.4	240.6	235.1	229.7
117.5°	306.2	283.9	266.9	256.1	250.8	247.2	243.8	239.9	235.1	230.0	225.1
120°	298.9	277.8	260.4	250.2	244.7	241.3	238.3	234.4	229.6	224.4	220.0
122.5°	290.0	269.6	253.3	243.1	238.1	234.8	231.8	228.1	223.5	218.6	213.5
125°	280.8	261.3	246.2	236.0	231.4	228.2	225.2	221.6	217.1	212.3	207.0
127.5°	270.1	251.2	237.0	227.8	223.3	220.1	217.3	214.2	209.8	205.1	200.2
130°	259.0	241.0	227.8	219.5	215.2	211.9	209.2	206.7	202.2	197.5	192.6
132.5°	247.4	230.8	218.5	210.5	206.3	203.0	200.4	198.0	193.8	189.2	184.5
135°	235.6	220.4	209.1	201.4	197.4	194.1	191.5	189.0	185.2	180.8	176.2
137.5°	222.8	209.1	198.5	191.2	187.3	184.2	181.9	179.2	175.8	172.0	167.7
140°	210.5	197.6	187.9	180.9	177.2	174.3	172.2	169.5	166.3	162.5	158.6
142.5°	197.4	185.1	176.5	169.9	166.7	163.8	161.9	159.3	156.5	152.8	149.0
145°	184.1	172.5	165.1	158.9	156.1	153.4	151.4	149.0	146.1	142.8	139.1
147.5°	169.7	159.2	152.7	146.7	144.3	141.8	139.9	137.7	135.0	132.0	128.7
150°	155.5	145.8	140.3	134.5	132.4	130.1	128.3	126.3	123.7	120.9	117.8
152.5°	141.0	132.4	127.3	122.0	120.0	117.9	116.1	114.2	111.9	109.2	106.4
155°	126.2	118.9	114.3	109.4	107.6	105.6	103.8	102.1	100.1	97.6	95.0
157.5°	109.8	104.3	100.3	96.0	94.5	92.9	91.2	89.6	87.8	85.8	83.5
160°	93.3	89.7	86.3	82.6	81.4	80.1	78.7	77.1	75.5	73.8	71.8
162.5°	78.0	75.3	72.4	69.3	68.2	67.0	65.7	64.4	63.1	61.6	60.0
165°	63.2	60.9	58.5	55.9	55.0	54.0	52.8	51.6	50.6	49.5	48.2
167.5°	49.4	47.5	45.4	43.3	42.6	41.9	41.0	40.0	39.0	38.0	37.0
170°	35.6	34.1	32.4	30.7	30.2	29.7	29.1	28.4	27.7	27.0	26.2
172.5°	23.6	22.5	21.3	20.0	19.8	19.5	19.2	18.8	18.3	17.8	17.3
175°	11.8	11.0	10.2	9.4	9.3	9.2	9.1	9.0	8.9	8.7	8.6
177.5°	5.9	5.5	5.1	4.7	4.7	4.7	4.6	4.6	4.5	4.5	4.4
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P231995

CATALOG NUMBER: FVS4WM-4-LD4-50-2LO-PFS125-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°	4.3	4.2	4.1	4.0	3.9	3.8	3.7	3.6	3.4	3.3	3.1
5°	8.4	8.2	8.0	7.8	7.5	7.3	7.0	6.8	6.5	6.2	5.9
7.5°	16.7	16.1	15.5	14.8	14.1	13.3	12.5	11.7	10.8	9.9	9.0
10°	25.4	24.6	23.7	22.8	21.8	20.7	19.6	18.5	17.4	16.2	14.9
12.5°	35.8	34.5	33.2	31.7	30.1	28.5	26.8	25.1	23.7	22.3	20.8
15°	46.9	45.2	43.4	41.6	39.7	37.9	35.9	33.9	31.9	29.8	27.3
17.5°	58.1	56.1	53.9	51.7	49.5	47.1	44.9	42.3	39.7	37.0	34.3
20°	69.7	67.4	65.0	62.5	59.9	57.0	53.9	50.7	47.5	44.3	41.4
22.5°	81.1	78.5	75.9	73.0	69.8	66.4	62.9	59.6	56.2	52.7	48.9
25°	92.2	89.3	86.3	83.1	79.6	76.0	72.3	68.5	64.6	60.5	56.3
27.5°	103.3	100.1	96.9	93.5	89.7	85.7	81.5	77.1	72.7	68.2	63.5
30°	114.5	110.9	107.2	103.2	99.1	94.8	90.1	85.2	80.5	75.7	70.5
32.5°	125.1	121.2	117.0	112.7	108.1	103.3	98.4	93.6	88.5	82.9	77.2
35°	135.1	130.9	126.6	121.9	116.9	112.0	107.2	101.9	95.9	89.9	84.1
37.5°	144.9	140.7	136.2	131.0	125.7	120.7	115.2	109.2	103.1	96.8	90.6
40°	154.3	149.6	144.7	139.4	134.2	128.9	122.5	116.2	109.9	103.5	97.1
42.5°	163.2	158.3	153.1	147.7	142.2	136.0	129.6	123.2	116.6	110.2	103.0
45°	171.4	166.3	161.1	155.5	149.5	143.3	136.7	129.9	123.1	116.1	108.8
47.5°	179.6	174.4	168.9	162.8	156.2	149.6	143.1	136.2	129.3	121.9	113.8
50°	187.5	182.0	176.1	169.6	162.7	156.2	149.2	141.9	134.6	126.8	118.5
52.5°	195.0	189.3	183.3	176.2	169.0	162.1	154.9	147.4	139.8	131.8	123.5
55°	201.4	195.6	189.5	182.1	175.0	167.9	160.5	152.5	144.6	136.4	127.9
57.5°	207.8	201.9	195.5	188.0	180.5	173.0	165.3	157.3	149.2	140.8	131.8
60°	213.6	207.3	200.4	193.0	185.5	177.8	170.0	161.6	153.0	144.4	135.5
62.5°	218.9	212.4	205.4	198.0	190.0	182.1	174.0	165.3	156.7	147.9	138.6
65°	223.6	216.6	209.5	202.1	194.0	186.2	177.8	169.0	160.2	150.9	141.0
67.5°	227.7	220.6	213.4	206.0	197.9	189.7	180.8	172.0	163.0	153.1	143.0
70°	231.2	224.1	216.8	209.2	200.8	192.7	183.7	174.8	165.7	155.2	145.1
72.5°	234.3	227.1	220.0	212.1	203.8	195.4	186.3	176.8	167.2	156.9	147.2
75°	236.9	229.3	222.0	213.9	205.7	197.3	188.1	178.5	168.6	158.7	149.0
77.5°	238.8	231.1	223.9	215.6	207.5	199.1	189.9	179.8	169.9	159.7	149.3
80°	240.4	232.6	225.4	217.0	208.5	199.8	190.6	180.5	170.6	160.2	149.7
82.5°	241.5	233.6	226.2	217.7	209.3	200.5	191.3	181.1	170.9	160.7	150.3
85°	242.4	234.5	226.7	218.1	210.1	200.8	192.0	181.2	171.5	161.3	150.6
87.5°	242.7	234.5	227.0	218.0	210.5	201.1	192.1	181.4	171.7	161.5	150.5
90°	243.1	234.4	227.4	217.9	210.8	201.4	192.0	181.7	171.5	161.3	150.3
92.5°	242.7	234.5	227.0	218.0	210.5	201.1	192.1	181.4	171.7	161.5	150.5
95°	242.4	234.5	226.7	218.1	210.1	200.8	192.0	181.2	171.5	161.3	150.6
97.5°	241.5	233.6	226.2	217.7	209.3	200.5	191.3	181.1	170.9	160.7	150.3
100°	240.4	232.6	225.4	217.0	208.5	199.8	190.6	180.5	170.6	160.2	149.7
102.5°	238.8	231.1	223.9	215.6	207.5	199.1	189.9	179.8	169.9	159.7	149.3
105°	236.9	229.3	222.0	213.9	205.7	197.3	188.1	178.5	168.6	158.7	149.0
107.5°	234.3	227.1	220.0	212.1	203.8	195.4	186.3	176.8	167.2	156.9	147.2
110°	231.2	224.1	216.8	209.2	200.8	192.7	183.7	174.8	165.7	155.2	145.1



TEST NUMBER: P231995

CATALOG NUMBER: FVS4WM-4-LD4-50-2LO-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
112.5°	227.7	220.6	213.4	206.0	197.9	189.7	180.8	172.0	163.0	153.1	143.0
115°	223.6	216.6	209.5	202.1	194.0	186.2	177.8	169.0	160.2	150.9	141.0
117.5°	218.9	212.4	205.4	198.0	190.0	182.1	174.0	165.3	156.7	147.9	138.6
120°	213.6	207.3	200.4	193.0	185.5	177.8	170.0	161.6	153.0	144.4	135.5
122.5°	207.8	201.9	195.5	188.0	180.5	173.0	165.3	157.3	149.2	140.8	131.8
125°	201.4	195.6	189.5	182.1	175.0	167.9	160.5	152.5	144.6	136.4	127.9
127.5°	195.0	189.3	183.3	176.2	169.0	162.1	154.9	147.4	139.8	131.8	123.5
130°	187.5	182.0	176.1	169.6	162.7	156.2	149.2	141.9	134.6	126.8	118.5
132.5°	179.6	174.4	168.9	162.8	156.2	149.6	143.1	136.2	129.3	121.9	113.8
135°	171.4	166.3	161.1	155.5	149.5	143.3	136.7	129.9	123.1	116.1	108.8
137.5°	163.2	158.3	153.1	147.7	142.2	136.0	129.6	123.2	116.6	110.2	103.0
140°	154.3	149.6	144.7	139.4	134.2	128.9	122.5	116.2	109.9	103.5	97.1
142.5°	144.9	140.7	136.2	131.0	125.7	120.7	115.2	109.2	103.1	96.8	90.6
145°	135.1	130.9	126.6	121.9	116.9	112.0	107.2	101.9	95.9	89.9	84.1
147.5°	125.1	121.2	117.0	112.7	108.1	103.3	98.4	93.6	88.5	82.9	77.2
150°	114.5	110.9	107.2	103.2	99.1	94.8	90.1	85.2	80.5	75.7	70.5
152.5°	103.3	100.1	96.9	93.5	89.7	85.7	81.5	77.1	72.7	68.2	63.5
155°	92.2	89.3	86.3	83.1	79.6	76.0	72.3	68.5	64.6	60.5	56.3
157.5°	81.1	78.5	75.9	73.0	69.8	66.4	62.9	59.6	56.2	52.7	48.9
160°	69.7	67.4	65.0	62.5	59.9	57.0	53.9	50.7	47.5	44.3	41.4
162.5°	58.1	56.1	53.9	51.7	49.5	47.1	44.9	42.3	39.7	37.0	34.3
165°	46.9	45.2	43.4	41.6	39.7	37.9	35.9	33.9	31.9	29.8	27.3
167.5°	35.8	34.5	33.2	31.7	30.1	28.5	26.8	25.1	23.7	22.3	20.8
170°	25.4	24.6	23.7	22.8	21.8	20.7	19.6	18.5	17.4	16.2	14.9
172.5°	16.7	16.1	15.5	14.8	14.1	13.3	12.5	11.7	10.8	9.9	9.0
175°	8.4	8.2	8.0	7.8	7.5	7.3	7.0	6.8	6.5	6.2	5.9
177.5°	4.3	4.2	4.1	4.0	3.9	3.8	3.7	3.6	3.4	3.3	3.1
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: P231995

CATALOG NUMBER: FVS4WM-4-LD4-50-2LO-PFS125-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°	3.0	2.8	2.7	2.5	2.4	2.2	2.0	1.9	1.7	1.5	1.3
5°	5.6	5.3	5.0	4.7	4.4	4.1	3.7	3.4	3.1	2.7	2.4
7.5°	7.7	7.4	7.0	6.5	6.1	5.6	5.1	4.7	4.2	3.7	3.3
10°	13.7	12.4	11.0	9.7	8.3	6.7	6.2	5.6	5.1	4.5	3.9
12.5°	19.3	17.7	16.1	14.3	12.6	10.8	9.0	7.1	5.6	5.0	4.3
15°	24.9	22.7	20.6	18.6	16.5	14.4	12.4	10.4	8.3	6.3	5.1
17.5°	31.5	28.7	25.8	22.8	20.2	17.9	15.7	13.4	11.1	8.7	6.3
20°	38.3	35.1	31.8	28.5	25.2	21.9	18.9	16.2	13.5	10.8	8.0
22.5°	45.0	41.0	37.3	33.7	30.0	26.3	22.4	18.5	15.5	12.5	9.6
25°	52.0	47.7	43.4	39.0	34.7	30.4	26.1	21.8	17.6	14.4	11.2
27.5°	58.8	53.9	49.1	44.2	39.3	34.4	29.9	25.4	20.9	16.0	12.7
30°	65.1	59.8	54.7	49.5	44.2	38.6	33.1	28.3	23.5	18.7	13.9
32.5°	71.7	66.3	60.7	54.5	48.9	43.0	37.2	31.2	26.4	21.1	15.7
35°	78.4	72.2	66.0	59.7	53.4	47.2	41.1	34.9	28.8	23.1	17.5
37.5°	84.3	77.8	71.0	64.5	57.8	51.1	44.4	37.9	31.5	25.2	19.2
40°	90.3	83.3	76.2	69.1	62.0	55.0	47.9	40.7	33.6	26.6	20.2
42.5°	95.8	88.6	81.2	73.7	66.2	58.5	50.7	42.9	35.4	28.4	21.6
45°	101.1	93.5	85.8	78.0	69.8	61.5	53.3	45.3	37.2	29.6	22.4
47.5°	106.0	98.1	90.0	81.6	73.1	64.5	55.6	46.9	38.7	30.7	23.3
50°	110.8	102.5	93.9	85.0	76.0	66.5	57.2	48.5	40.3	32.0	24.4
52.5°	115.3	107.0	97.7	88.2	78.5	68.5	58.8	49.9	41.0	32.8	25.1
55°	119.2	110.1	100.8	90.6	80.4	70.2	60.5	51.3	42.2	33.9	25.8
57.5°	122.7	113.2	103.4	93.0	82.6	71.9	61.9	52.1	43.0	34.3	26.1
60°	126.3	116.3	106.1	95.6	84.2	73.4	63.2	53.4	43.9	35.2	26.6
62.5°	129.0	119.1	109.0	97.7	86.0	74.7	64.0	54.0	44.2	35.2	27.0
65°	131.7	121.8	111.3	100.0	87.4	75.6	64.7	54.6	44.8	35.3	26.8
67.5°	133.5	123.8	113.6	102.1	89.3	76.8	65.4	55.0	44.9	35.6	27.0
70°	135.2	125.3	115.4	104.0	90.9	78.2	65.9	54.9	44.6	35.4	26.5
72.5°	137.3	127.2	116.4	105.1	92.6	79.5	66.8	55.2	44.3	34.7	25.8
75°	138.2	127.9	116.8	106.2	94.5	81.1	67.6	55.4	44.7	34.3	25.5
77.5°	138.8	128.2	117.5	107.0	95.5	82.7	69.1	56.1	44.6	33.9	24.5
80°	139.3	128.6	117.5	106.9	95.6	83.9	71.2	57.4	44.5	33.1	23.6
82.5°	139.5	128.5	117.1	106.6	95.1	83.5	71.8	59.1	45.4	32.7	22.2
85°	139.6	128.5	117.0	106.1	93.8	82.7	71.0	59.3	47.2	34.2	21.6
87.5°	139.7	128.5	117.0	106.1	93.8	82.7	71.0	59.3	47.2	34.2	21.6
90°	140.0	128.2	117.2	106.2	92.8	82.6	70.0	58.2	47.2	34.6	23.6
92.5°	139.7	128.5	117.5	105.9	93.2	82.2	70.4	58.6	47.0	35.3	23.4
95°	139.6	128.5	117.0	106.1	93.8	82.7	71.0	59.3	47.2	34.2	21.6
97.5°	139.5	128.5	117.1	106.6	95.1	83.5	71.8	59.1	45.4	32.7	22.2
100°	139.3	128.6	117.5	106.9	95.6	83.9	71.2	57.4	44.5	33.1	23.6
102.5°	138.8	128.2	117.5	107.0	95.5	82.7	69.1	56.1	44.6	33.9	24.5
105°	138.2	127.9	116.8	106.2	94.5	81.1	67.6	55.4	44.7	34.3	25.5
107.5°	137.3	127.2	116.4	105.1	92.6	79.5	66.8	55.2	44.3	34.7	25.8
110°	135.2	125.3	115.4	104.0	90.9	78.2	65.9	54.9	44.6	35.4	26.5



TEST NUMBER: P231995

CATALOG NUMBER: FVS4WM-4-LD4-50-2LO-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
112.5°	133.5	123.8	113.6	102.1	89.3	76.8	65.4	55.0	44.9	35.6	27.0
115°	131.7	121.8	111.3	100.0	87.4	75.6	64.7	54.6	44.8	35.3	26.8
117.5°	129.0	119.1	109.0	97.7	86.0	74.7	64.0	54.0	44.2	35.2	27.0
120°	126.3	116.3	106.1	95.6	84.2	73.4	63.2	53.4	43.9	35.2	26.6
122.5°	122.7	113.2	103.4	93.0	82.6	71.9	61.9	52.1	43.0	34.3	26.1
125°	119.2	110.1	100.8	90.6	80.4	70.2	60.5	51.3	42.2	33.9	25.8
127.5°	115.3	107.0	97.7	88.2	78.5	68.5	58.8	49.9	41.0	32.8	25.1
130°	110.8	102.5	93.9	85.0	76.0	66.5	57.2	48.5	40.3	32.0	24.4
132.5°	106.0	98.1	90.0	81.6	73.1	64.5	55.6	46.9	38.7	30.7	23.3
135°	101.1	93.5	85.8	78.0	69.8	61.5	53.3	45.3	37.2	29.6	22.4
137.5°	95.8	88.6	81.2	73.7	66.2	58.5	50.7	42.9	35.4	28.4	21.6
140°	90.3	83.3	76.2	69.1	62.0	55.0	47.9	40.7	33.6	26.6	20.2
142.5°	84.3	77.8	71.0	64.5	57.8	51.1	44.4	37.9	31.5	25.2	19.2
145°	78.4	72.2	66.0	59.7	53.4	47.2	41.1	34.9	28.8	23.1	17.5
147.5°	71.7	66.3	60.7	54.5	48.9	43.0	37.2	31.2	26.4	21.1	15.7
150°	65.1	59.8	54.7	49.5	44.2	38.6	33.1	28.3	23.5	18.7	13.9
152.5°	58.8	53.9	49.1	44.2	39.3	34.4	29.9	25.4	20.9	16.0	12.7
155°	52.0	47.7	43.4	39.0	34.7	30.4	26.1	21.8	17.6	14.4	11.2
157.5°	45.0	41.0	37.3	33.7	30.0	26.3	22.4	18.5	15.5	12.5	9.6
160°	38.3	35.1	31.8	28.5	25.2	21.9	18.9	16.2	13.5	10.8	8.0
162.5°	31.5	28.7	25.8	22.8	20.2	17.9	15.7	13.4	11.1	8.7	6.3
165°	24.9	22.7	20.6	18.6	16.5	14.4	12.4	10.4	8.3	6.3	5.1
167.5°	19.3	17.7	16.1	14.3	12.6	10.8	9.0	7.1	5.6	5.0	4.3
170°	13.7	12.4	11.0	9.7	8.3	6.7	6.2	5.6	5.1	4.5	3.9
172.5°	7.7	7.4	7.0	6.5	6.1	5.6	5.1	4.7	4.2	3.7	3.3
175°	5.6	5.3	5.0	4.7	4.4	4.1	3.7	3.4	3.1	2.7	2.4
177.5°	3.0	2.8	2.7	2.5	2.4	2.2	2.0	1.9	1.7	1.5	1.3
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: P231995

CATALOG NUMBER: FVS4WM-4-LD4-50-2LO-PFS125-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°	1.1	0.9	0.8	0.6	0.4	0.2	0.0	0.2	0.4	0.6	0.8
5°	2.1	1.7	1.4	1.0	0.7	0.3	0.0	0.3	0.7	1.0	1.4
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°	3.3	2.8	2.2	1.7	1.1	0.6	0.0	0.6	1.1	1.7	2.2
12.5°	3.7	3.1	2.5	1.8	1.2	0.6	0.0	0.6	1.2	1.8	2.5
15°	4.4	3.7	2.9	2.2	1.5	0.7	0.0	0.7	1.5	2.2	2.9
17.5°	4.6	3.8	3.0	2.2	1.5	0.7	0.0	0.7	1.5	2.2	3.0
20°	5.3	3.7	2.9	2.2	1.4	0.7	0.0	0.7	1.4	2.2	2.9
22.5°	6.6	3.6	2.6	2.0	1.3	0.6	0.0	0.6	1.3	2.0	2.6
25°	8.0	4.7	2.3	1.7	1.1	0.6	0.0	0.6	1.1	1.7	2.3
27.5°	9.2	5.7	2.2	1.3	0.9	0.4	0.0	0.4	0.9	1.3	2.2
30°	10.3	6.8	3.4	1.4	0.9	0.5	0.0	0.5	0.9	1.4	3.4
32.5°	11.1	7.5	3.9	0.9	0.5	0.3	0.0	0.3	0.5	0.9	3.9
35°	11.9	8.0	4.6	1.2	0.6	0.3	0.0	0.3	0.6	1.2	4.6
37.5°	13.3	8.3	5.1	2.0	0.6	0.3	0.0	0.3	0.6	2.0	5.1
40°	14.4	8.6	5.3	2.4	0.7	0.3	0.0	0.3	0.7	2.4	5.3
42.5°	15.3	9.4	5.0	2.6	0.7	0.4	0.0	0.4	0.7	2.6	5.0
45°	15.6	9.8	4.3	2.1	0.1	0.0	0.0	0.0	0.1	2.1	4.3
47.5°	16.4	10.4	4.9	2.3	0.9	0.8	0.8	0.8	0.9	2.3	4.9
50°	17.4	10.8	5.6	2.2	1.1	0.8	0.8	0.8	1.1	2.2	5.6
52.5°	17.7	11.0	5.8	1.7	1.1	0.8	0.8	0.8	1.1	1.7	5.8
55°	18.1	11.3	5.6	2.1	1.1	0.8	0.8	0.8	1.1	2.1	5.6
57.5°	18.5	11.6	5.2	2.1	0.9	0.8	0.8	0.8	0.9	2.1	5.2
60°	18.6	11.7	5.8	2.2	0.8	0.8	0.8	0.8	0.8	2.2	5.8
62.5°	19.3	12.3	6.3	2.3	0.8	0.8	0.8	0.8	0.8	2.3	6.3
65°	19.5	12.8	6.1	2.3	0.9	0.8	0.8	0.8	0.9	2.3	6.1
67.5°	19.4	12.5	6.1	2.1	0.9	0.8	0.8	0.8	0.9	2.1	6.1
70°	18.9	12.3	5.7	2.0	0.8	0.8	0.8	0.8	0.8	2.0	5.7
72.5°	18.5	11.7	5.7	1.9	0.3	0.8	0.8	0.8	0.3	1.9	5.7
75°	17.5	10.9	5.2	1.4	0.2	0.8	0.8	0.8	0.2	1.4	5.2
77.5°	16.4	10.1	4.2	0.7	0.0	0.1	0.0	0.1	0.0	0.7	4.2
80°	15.0	8.2	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.9
82.5°	13.3	5.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	11.7	3.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	11.4	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	13.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	11.4	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	11.7	3.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	13.3	5.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	15.0	8.2	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.9
102.5°	16.4	10.1	4.2	0.7	0.0	0.1	0.0	0.1	0.0	0.7	4.2
105°	17.5	10.9	5.2	1.4	0.2	0.8	0.8	0.8	0.2	1.4	5.2
107.5°	18.5	11.7	5.7	1.9	0.3	0.8	0.8	0.8	0.3	1.9	5.7
110°	18.9	12.3	5.7	2.0	0.8	0.8	0.8	0.8	0.8	2.0	5.7



TEST NUMBER: P231995

CATALOG NUMBER: FVS4WM-4-LD4-50-2LO-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
112.5°	19.4	12.5	6.1	2.1	0.9	0.8	0.8	0.8	0.9	2.1	6.1
115°	19.5	12.8	6.1	2.3	0.9	0.8	0.8	0.8	0.9	2.3	6.1
117.5°	19.3	12.3	6.3	2.3	0.8	0.8	0.8	0.8	0.8	2.3	6.3
120°	18.6	11.7	5.8	2.2	0.8	0.8	0.8	0.8	0.8	2.2	5.8
122.5°	18.5	11.6	5.2	2.1	0.9	0.8	0.8	0.8	0.9	2.1	5.2
125°	18.1	11.3	5.6	2.1	1.1	0.8	0.8	0.8	1.1	2.1	5.6
127.5°	17.7	11.0	5.8	1.7	1.1	0.8	0.8	0.8	1.1	1.7	5.8
130°	17.4	10.8	5.6	2.2	1.1	0.8	0.8	0.8	1.1	2.2	5.6
132.5°	16.4	10.4	4.9	2.3	0.9	0.8	0.8	0.8	0.9	2.3	4.9
135°	15.6	9.8	4.3	2.1	0.1	0.0	0.0	0.0	0.1	2.1	4.3
137.5°	15.3	9.4	5.0	2.6	0.7	0.4	0.0	0.4	0.7	2.6	5.0
140°	14.4	8.6	5.3	2.4	0.7	0.3	0.0	0.3	0.7	2.4	5.3
142.5°	13.3	8.3	5.1	2.0	0.6	0.3	0.0	0.3	0.6	2.0	5.1
145°	11.9	8.0	4.6	1.2	0.6	0.3	0.0	0.3	0.6	1.2	4.6
147.5°	11.1	7.5	3.9	0.9	0.5	0.3	0.0	0.3	0.5	0.9	3.9
150°	10.3	6.8	3.4	1.4	0.9	0.5	0.0	0.5	0.9	1.4	3.4
152.5°	9.2	5.7	2.2	1.3	0.9	0.4	0.0	0.4	0.9	1.3	2.2
155°	8.0	4.7	2.3	1.7	1.1	0.6	0.0	0.6	1.1	1.7	2.3
157.5°	6.6	3.6	2.6	2.0	1.3	0.6	0.0	0.6	1.3	2.0	2.6
160°	5.3	3.7	2.9	2.2	1.4	0.7	0.0	0.7	1.4	2.2	2.9
162.5°	4.6	3.8	3.0	2.2	1.5	0.7	0.0	0.7	1.5	2.2	3.0
165°	4.4	3.7	2.9	2.2	1.5	0.7	0.0	0.7	1.5	2.2	2.9
167.5°	3.7	3.1	2.5	1.8	1.2	0.6	0.0	0.6	1.2	1.8	2.5
170°	3.3	2.8	2.2	1.7	1.1	0.6	0.0	0.6	1.1	1.7	2.2
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°	2.1	1.7	1.4	1.0	0.7	0.3	0.0	0.3	0.7	1.0	1.4
177.5°	1.1	0.9	0.8	0.6	0.4	0.2	0.0	0.2	0.4	0.6	0.8
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: P231995

CATALOG NUMBER: FVS4WM-4-LD4-50-2LO-PFS125-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°	0.9	1.1	1.3	1.5	1.7	1.9	2.0	2.2	2.4	2.5	2.7
5°	1.7	2.1	2.4	2.7	3.1	3.4	3.7	4.1	4.4	4.7	5.0
7.5°	2.3	2.8	3.3	3.7	4.2	4.7	5.1	5.6	6.1	6.5	7.0
10°	2.8	3.3	3.9	4.5	5.1	5.6	6.2	6.7	8.3	9.7	11.0
12.5°	3.1	3.7	4.3	5.0	5.6	7.1	9.0	10.8	12.6	14.3	16.1
15°	3.7	4.4	5.1	6.3	8.3	10.4	12.4	14.4	16.5	18.6	20.6
17.5°	3.8	4.6	6.3	8.7	11.1	13.4	15.7	17.9	20.2	22.8	25.8
20°	3.7	5.3	8.0	10.8	13.5	16.2	18.9	21.9	25.2	28.5	31.8
22.5°	3.6	6.6	9.6	12.5	15.5	18.5	22.4	26.3	30.0	33.7	37.3
25°	4.7	8.0	11.2	14.4	17.6	21.8	26.1	30.4	34.7	39.0	43.4
27.5°	5.7	9.2	12.7	16.0	20.9	25.4	29.9	34.4	39.3	44.2	49.1
30°	6.8	10.3	13.9	18.7	23.5	28.3	33.1	38.6	44.2	49.5	54.7
32.5°	7.5	11.1	15.7	21.1	26.4	31.2	37.2	43.0	48.9	54.5	60.7
35°	8.0	11.9	17.5	23.1	28.8	34.9	41.1	47.2	53.4	59.7	66.0
37.5°	8.3	13.3	19.2	25.2	31.5	37.9	44.4	51.1	57.8	64.5	71.0
40°	8.6	14.4	20.2	26.6	33.6	40.7	47.9	55.0	62.0	69.1	76.2
42.5°	9.4	15.3	21.6	28.4	35.4	42.9	50.7	58.5	66.2	73.7	81.2
45°	9.8	15.6	22.4	29.6	37.2	45.3	53.3	61.5	69.8	78.0	85.8
47.5°	10.4	16.4	23.3	30.7	38.7	46.9	55.6	64.5	73.1	81.6	90.0
50°	10.8	17.4	24.4	32.0	40.3	48.5	57.2	66.5	76.0	85.0	93.9
52.5°	11.0	17.7	25.1	32.8	41.0	49.9	58.8	68.5	78.5	88.2	97.7
55°	11.3	18.1	25.8	33.9	42.2	51.3	60.5	70.2	80.4	90.6	100.8
57.5°	11.6	18.5	26.1	34.3	43.0	52.1	61.9	71.9	82.6	93.0	103.4
60°	11.7	18.6	26.6	35.2	43.9	53.4	63.2	73.4	84.2	95.6	106.1
62.5°	12.3	19.3	27.0	35.2	44.2	54.0	64.0	74.7	86.0	97.7	109.0
65°	12.8	19.5	26.8	35.3	44.8	54.6	64.7	75.6	87.4	100.0	111.3
67.5°	12.5	19.4	27.0	35.6	44.9	55.0	65.4	76.8	89.3	102.1	113.6
70°	12.3	18.9	26.5	35.4	44.6	54.9	65.9	78.2	90.9	104.0	115.4
72.5°	11.7	18.5	25.8	34.7	44.3	55.2	66.8	79.5	92.6	105.1	116.4
75°	10.9	17.5	25.5	34.3	44.7	55.4	67.6	81.1	94.5	106.2	116.8
77.5°	10.1	16.4	24.5	33.9	44.6	56.1	69.1	82.7	95.5	107.0	117.5
80°	8.2	15.0	23.6	33.1	44.5	57.4	71.2	83.9	95.6	106.9	117.5
82.5°	5.8	13.3	22.2	32.7	45.4	59.1	71.8	83.5	95.1	106.6	117.1
85°	3.2	11.7	21.6	34.2	47.2	59.3	71.0	82.7	93.8	106.1	117.0
87.5°	1.0	11.4	23.4	35.3	47.0	58.6	70.4	82.2	93.2	105.9	117.5
90°	0.0	13.4	23.6	34.6	47.2	58.2	70.0	82.6	92.8	106.2	117.2
92.5°	1.0	11.4	23.4	35.3	47.0	58.6	70.4	82.2	93.2	105.9	117.5
95°	3.2	11.7	21.6	34.2	47.2	59.3	71.0	82.7	93.8	106.1	117.0
97.5°	5.8	13.3	22.2	32.7	45.4	59.1	71.8	83.5	95.1	106.6	117.1
100°	8.2	15.0	23.6	33.1	44.5	57.4	71.2	83.9	95.6	106.9	117.5
102.5°	10.1	16.4	24.5	33.9	44.6	56.1	69.1	82.7	95.5	107.0	117.5
105°	10.9	17.5	25.5	34.3	44.7	55.4	67.6	81.1	94.5	106.2	116.8
107.5°	11.7	18.5	25.8	34.7	44.3	55.2	66.8	79.5	92.6	105.1	116.4
110°	12.3	18.9	26.5	35.4	44.6	54.9	65.9	78.2	90.9	104.0	115.4



TEST NUMBER: P231995

CATALOG NUMBER: FVS4WM-4-LD4-50-2LO-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
112.5°	12.5	19.4	27.0	35.6	44.9	55.0	65.4	76.8	89.3	102.1	113.6
115°	12.8	19.5	26.8	35.3	44.8	54.6	64.7	75.6	87.4	100.0	111.3
117.5°	12.3	19.3	27.0	35.2	44.2	54.0	64.0	74.7	86.0	97.7	109.0
120°	11.7	18.6	26.6	35.2	43.9	53.4	63.2	73.4	84.2	95.6	106.1
122.5°	11.6	18.5	26.1	34.3	43.0	52.1	61.9	71.9	82.6	93.0	103.4
125°	11.3	18.1	25.8	33.9	42.2	51.3	60.5	70.2	80.4	90.6	100.8
127.5°	11.0	17.7	25.1	32.8	41.0	49.9	58.8	68.5	78.5	88.2	97.7
130°	10.8	17.4	24.4	32.0	40.3	48.5	57.2	66.5	76.0	85.0	93.9
132.5°	10.4	16.4	23.3	30.7	38.7	46.9	55.6	64.5	73.1	81.6	90.0
135°	9.8	15.6	22.4	29.6	37.2	45.3	53.3	61.5	69.8	78.0	85.8
137.5°	9.4	15.3	21.6	28.4	35.4	42.9	50.7	58.5	66.2	73.7	81.2
140°	8.6	14.4	20.2	26.6	33.6	40.7	47.9	55.0	62.0	69.1	76.2
142.5°	8.3	13.3	19.2	25.2	31.5	37.9	44.4	51.1	57.8	64.5	71.0
145°	8.0	11.9	17.5	23.1	28.8	34.9	41.1	47.2	53.4	59.7	66.0
147.5°	7.5	11.1	15.7	21.1	26.4	31.2	37.2	43.0	48.9	54.5	60.7
150°	6.8	10.3	13.9	18.7	23.5	28.3	33.1	38.6	44.2	49.5	54.7
152.5°	5.7	9.2	12.7	16.0	20.9	25.4	29.9	34.4	39.3	44.2	49.1
155°	4.7	8.0	11.2	14.4	17.6	21.8	26.1	30.4	34.7	39.0	43.4
157.5°	3.6	6.6	9.6	12.5	15.5	18.5	22.4	26.3	30.0	33.7	37.3
160°	3.7	5.3	8.0	10.8	13.5	16.2	18.9	21.9	25.2	28.5	31.8
162.5°	3.8	4.6	6.3	8.7	11.1	13.4	15.7	17.9	20.2	22.8	25.8
165°	3.7	4.4	5.1	6.3	8.3	10.4	12.4	14.4	16.5	18.6	20.6
167.5°	3.1	3.7	4.3	5.0	5.6	7.1	9.0	10.8	12.6	14.3	16.1
170°	2.8	3.3	3.9	4.5	5.1	5.6	6.2	6.7	8.3	9.7	11.0
172.5°	2.3	2.8	3.3	3.7	4.2	4.7	5.1	5.6	6.1	6.5	7.0
175°	1.7	2.1	2.4	2.7	3.1	3.4	3.7	4.1	4.4	4.7	5.0
177.5°	0.9	1.1	1.3	1.5	1.7	1.9	2.0	2.2	2.4	2.5	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: P231995

CATALOG NUMBER: FVS4WM-4-LD4-50-2LO-PFS125-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°	2.8	3.0	3.1	3.3	3.4	3.6	3.7	3.8	3.9	4.0	4.1
5°	5.3	5.6	5.9	6.2	6.5	6.8	7.0	7.3	7.5	7.8	8.0
7.5°	7.4	7.7	9.0	9.9	10.8	11.7	12.5	13.3	14.1	14.8	15.5
10°	12.4	13.7	14.9	16.2	17.4	18.5	19.6	20.7	21.8	22.8	23.7
12.5°	17.7	19.3	20.8	22.3	23.7	25.1	26.8	28.5	30.1	31.7	33.2
15°	22.7	24.9	27.3	29.8	31.9	33.9	35.9	37.9	39.7	41.6	43.4
17.5°	28.7	31.5	34.3	37.0	39.7	42.3	44.9	47.1	49.5	51.7	53.9
20°	35.1	38.3	41.4	44.3	47.5	50.7	53.9	57.0	59.9	62.5	65.0
22.5°	41.0	45.0	48.9	52.7	56.2	59.6	62.9	66.4	69.8	73.0	75.9
25°	47.7	52.0	56.3	60.5	64.6	68.5	72.3	76.0	79.6	83.1	86.3
27.5°	53.9	58.8	63.5	68.2	72.7	77.1	81.5	85.7	89.7	93.5	96.9
30°	59.8	65.1	70.5	75.7	80.5	85.2	90.1	94.8	99.1	103.2	107.2
32.5°	66.3	71.7	77.2	82.9	88.5	93.6	98.4	103.3	108.1	112.7	117.0
35°	72.2	78.4	84.1	89.9	95.9	101.9	107.2	112.0	116.9	121.9	126.6
37.5°	77.8	84.3	90.6	96.8	103.1	109.2	115.2	120.7	125.7	131.0	136.2
40°	83.3	90.3	97.1	103.5	109.9	116.2	122.5	128.9	134.2	139.4	144.7
42.5°	88.6	95.8	103.0	110.2	116.6	123.2	129.6	136.0	142.2	147.7	153.1
45°	93.5	101.1	108.8	116.1	123.1	129.9	136.7	143.3	149.5	155.5	161.1
47.5°	98.1	106.0	113.8	121.9	129.3	136.2	143.1	149.6	156.2	162.8	168.9
50°	102.5	110.8	118.5	126.8	134.6	141.9	149.2	156.2	162.7	169.6	176.1
52.5°	107.0	115.3	123.5	131.8	139.8	147.4	154.9	162.1	169.0	176.2	183.3
55°	110.1	119.2	127.9	136.4	144.6	152.5	160.5	167.9	175.0	182.1	189.5
57.5°	113.2	122.7	131.8	140.8	149.2	157.3	165.3	173.0	180.5	188.0	195.5
60°	116.3	126.3	135.5	144.4	153.0	161.6	170.0	177.8	185.5	193.0	200.4
62.5°	119.1	129.0	138.6	147.9	156.7	165.3	174.0	182.1	190.0	198.0	205.4
65°	121.8	131.7	141.0	150.9	160.2	169.0	177.8	186.2	194.0	202.1	209.5
67.5°	123.8	133.5	143.0	153.1	163.0	172.0	180.8	189.7	197.9	206.0	213.4
70°	125.3	135.2	145.1	155.2	165.7	174.8	183.7	192.7	200.8	209.2	216.8
72.5°	127.2	137.3	147.2	156.9	167.2	176.8	186.3	195.4	203.8	212.1	220.0
75°	127.9	138.2	149.0	158.7	168.6	178.5	188.1	197.3	205.7	213.9	222.0
77.5°	128.2	138.8	149.3	159.7	169.9	179.8	189.9	199.1	207.5	215.6	223.9
80°	128.6	139.3	149.7	160.2	170.6	180.5	190.6	199.8	208.5	217.0	225.4
82.5°	128.5	139.5	150.3	160.7	170.9	181.1	191.3	200.5	209.3	217.7	226.2
85°	128.5	139.6	150.6	161.3	171.5	181.2	192.0	200.8	210.1	218.1	226.7
87.5°	128.5	139.7	150.5	161.5	171.7	181.4	192.1	201.1	210.5	218.0	227.0
90°	128.2	140.0	150.3	161.3	171.5	181.7	192.0	201.4	210.8	217.9	227.4
92.5°	128.5	139.7	150.5	161.5	171.7	181.4	192.1	201.1	210.5	218.0	227.0
95°	128.5	139.6	150.6	161.3	171.5	181.2	192.0	200.8	210.1	218.1	226.7
97.5°	128.5	139.5	150.3	160.7	170.9	181.1	191.3	200.5	209.3	217.7	226.2
100°	128.6	139.3	149.7	160.2	170.6	180.5	190.6	199.8	208.5	217.0	225.4
102.5°	128.2	138.8	149.3	159.7	169.9	179.8	189.9	199.1	207.5	215.6	223.9
105°	127.9	138.2	149.0	158.7	168.6	178.5	188.1	197.3	205.7	213.9	222.0
107.5°	127.2	137.3	147.2	156.9	167.2	176.8	186.3	195.4	203.8	212.1	220.0
110°	125.3	135.2	145.1	155.2	165.7	174.8	183.7	192.7	200.8	209.2	216.8



TEST NUMBER: P231995

CATALOG NUMBER: FVS4WM-4-LD4-50-2LO-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
112.5°	123.8	133.5	143.0	153.1	163.0	172.0	180.8	189.7	197.9	206.0	213.4
115°	121.8	131.7	141.0	150.9	160.2	169.0	177.8	186.2	194.0	202.1	209.5
117.5°	119.1	129.0	138.6	147.9	156.7	165.3	174.0	182.1	190.0	198.0	205.4
120°	116.3	126.3	135.5	144.4	153.0	161.6	170.0	177.8	185.5	193.0	200.4
122.5°	113.2	122.7	131.8	140.8	149.2	157.3	165.3	173.0	180.5	188.0	195.5
125°	110.1	119.2	127.9	136.4	144.6	152.5	160.5	167.9	175.0	182.1	189.5
127.5°	107.0	115.3	123.5	131.8	139.8	147.4	154.9	162.1	169.0	176.2	183.3
130°	102.5	110.8	118.5	126.8	134.6	141.9	149.2	156.2	162.7	169.6	176.1
132.5°	98.1	106.0	113.8	121.9	129.3	136.2	143.1	149.6	156.2	162.8	168.9
135°	93.5	101.1	108.8	116.1	123.1	129.9	136.7	143.3	149.5	155.5	161.1
137.5°	88.6	95.8	103.0	110.2	116.6	123.2	129.6	136.0	142.2	147.7	153.1
140°	83.3	90.3	97.1	103.5	109.9	116.2	122.5	128.9	134.2	139.4	144.7
142.5°	77.8	84.3	90.6	96.8	103.1	109.2	115.2	120.7	125.7	131.0	136.2
145°	72.2	78.4	84.1	89.9	95.9	101.9	107.2	112.0	116.9	121.9	126.6
147.5°	66.3	71.7	77.2	82.9	88.5	93.6	98.4	103.3	108.1	112.7	117.0
150°	59.8	65.1	70.5	75.7	80.5	85.2	90.1	94.8	99.1	103.2	107.2
152.5°	53.9	58.8	63.5	68.2	72.7	77.1	81.5	85.7	89.7	93.5	96.9
155°	47.7	52.0	56.3	60.5	64.6	68.5	72.3	76.0	79.6	83.1	86.3
157.5°	41.0	45.0	48.9	52.7	56.2	59.6	62.9	66.4	69.8	73.0	75.9
160°	35.1	38.3	41.4	44.3	47.5	50.7	53.9	57.0	59.9	62.5	65.0
162.5°	28.7	31.5	34.3	37.0	39.7	42.3	44.9	47.1	49.5	51.7	53.9
165°	22.7	24.9	27.3	29.8	31.9	33.9	35.9	37.9	39.7	41.6	43.4
167.5°	17.7	19.3	20.8	22.3	23.7	25.1	26.8	28.5	30.1	31.7	33.2
170°	12.4	13.7	14.9	16.2	17.4	18.5	19.6	20.7	21.8	22.8	23.7
172.5°	7.4	7.7	9.0	9.9	10.8	11.7	12.5	13.3	14.1	14.8	15.5
175°	5.3	5.6	5.9	6.2	6.5	6.8	7.0	7.3	7.5	7.8	8.0
177.5°	2.8	3.0	3.1	3.3	3.4	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: P231995

CATALOG NUMBER: FVS4WM-4-LD4-50-2LO-PFS125-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°	4.2	4.3	4.4	4.5	4.5	4.6	4.6	4.7	4.7	4.7	5.1
5°	8.2	8.4	8.6	8.7	8.9	9.0	9.1	9.2	9.3	9.4	10.2
7.5°	16.1	16.7	17.3	17.8	18.3	18.8	19.2	19.5	19.8	20.1	21.3
10°	24.6	25.4	26.2	27.0	27.7	28.4	29.1	29.7	30.2	30.7	32.4
12.5°	34.5	35.8	37.0	38.0	39.0	40.0	41.0	41.9	42.6	43.3	45.4
15°	45.2	46.9	48.2	49.5	50.6	51.6	52.8	54.0	55.0	55.9	58.5
17.5°	56.1	58.1	60.0	61.6	63.1	64.4	65.7	67.0	68.2	69.3	72.4
20°	67.4	69.7	71.8	73.8	75.5	77.1	78.7	80.1	81.4	82.6	86.3
22.5°	78.5	81.1	83.5	85.8	87.8	89.6	91.2	92.9	94.5	96.0	100.3
25°	89.3	92.2	95.0	97.6	100.1	102.1	103.8	105.6	107.6	109.4	114.3
27.5°	100.1	103.3	106.4	109.2	111.9	114.2	116.1	117.9	120.0	122.0	127.3
30°	110.9	114.5	117.8	120.9	123.7	126.3	128.3	130.1	132.4	134.5	140.3
32.5°	121.2	125.1	128.7	132.0	135.0	137.7	139.9	141.8	144.3	146.7	152.7
35°	130.9	135.1	139.1	142.8	146.1	149.0	151.4	153.4	156.1	158.9	165.1
37.5°	140.7	144.9	149.0	152.8	156.5	159.3	161.9	163.8	166.7	169.9	176.5
40°	149.6	154.3	158.6	162.5	166.3	169.5	172.2	174.3	177.2	180.9	187.9
42.5°	158.3	163.2	167.7	172.0	175.8	179.2	181.9	184.2	187.3	191.2	198.5
45°	166.3	171.4	176.2	180.8	185.2	189.0	191.5	194.1	197.4	201.4	209.1
47.5°	174.4	179.6	184.5	189.2	193.8	198.0	200.4	203.0	206.3	210.5	218.5
50°	182.0	187.5	192.6	197.5	202.2	206.7	209.2	211.9	215.2	219.5	227.8
52.5°	189.3	195.0	200.2	205.1	209.8	214.2	217.3	220.1	223.3	227.8	237.0
55°	195.6	201.4	207.0	212.3	217.1	221.6	225.2	228.2	231.4	236.0	246.2
57.5°	201.9	207.8	213.5	218.6	223.5	228.1	231.8	234.8	238.1	243.1	253.3
60°	207.3	213.6	220.0	224.4	229.6	234.4	238.3	241.3	244.7	250.2	260.4
62.5°	212.4	218.9	225.1	230.0	235.1	239.9	243.8	247.2	250.8	256.1	266.9
65°	216.6	223.6	229.7	235.1	240.6	245.4	249.3	253.1	257.0	262.0	273.4
67.5°	220.6	227.7	233.8	239.3	244.8	249.9	254.2	257.6	261.2	266.7	277.6
70°	224.1	231.2	237.7	243.2	248.7	254.1	259.1	262.2	265.4	271.4	281.7
72.5°	227.1	234.3	240.9	246.6	252.2	257.7	262.3	265.7	268.9	275.0	285.8
75°	229.3	236.9	243.7	249.8	255.5	261.4	265.4	269.2	272.4	278.5	290.3
77.5°	231.1	238.8	245.7	252.1	257.4	263.4	267.6	271.6	274.7	280.9	292.6
80°	232.6	240.4	247.4	254.2	259.1	265.3	269.9	273.9	277.0	283.2	295.0
82.5°	233.6	241.5	248.8	255.1	260.5	266.4	271.1	275.0	278.2	284.8	296.6
85°	234.5	242.4	250.2	255.8	262.0	267.5	272.2	276.1	279.3	286.4	298.2
87.5°	234.5	242.7	250.2	255.8	262.0	267.5	272.2	276.1	279.3	286.4	298.2
90°	234.4	243.1	250.2	256.5	262.0	268.3	273.0	276.9	280.1	286.4	299.0
92.5°	234.5	242.7	250.2	256.1	262.0	267.9	272.6	276.5	279.7	286.4	298.6
95°	234.5	242.4	250.2	255.8	262.0	267.5	272.2	276.1	279.3	286.4	298.2
97.5°	233.6	241.5	248.8	255.1	260.5	266.4	271.1	275.0	278.2	284.8	296.6
100°	232.6	240.4	247.4	254.2	259.1	265.3	269.9	273.9	277.0	283.2	295.0
102.5°	231.1	238.8	245.7	252.1	257.4	263.4	267.6	271.6	274.7	280.9	292.6
105°	229.3	236.9	243.7	249.8	255.5	261.4	265.4	269.2	272.4	278.5	290.3
107.5°	227.1	234.3	240.9	246.6	252.2	257.7	262.3	265.7	268.9	275.0	285.8
110°	224.1	231.2	237.7	243.2	248.7	254.1	259.1	262.2	265.4	271.4	281.7



TEST NUMBER: P231995

CATALOG NUMBER: FVS4WM-4-LD4-50-2LO-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
112.5°	220.6	227.7	233.8	239.3	244.8	249.9	254.2	257.6	261.2	266.7	277.6
115°	216.6	223.6	229.7	235.1	240.6	245.4	249.3	253.1	257.0	262.0	273.4
117.5°	212.4	218.9	225.1	230.0	235.1	239.9	243.8	247.2	250.8	256.1	266.9
120°	207.3	213.6	220.0	224.4	229.6	234.4	238.3	241.3	244.7	250.2	260.4
122.5°	201.9	207.8	213.5	218.6	223.5	228.1	231.8	234.8	238.1	243.1	253.3
125°	195.6	201.4	207.0	212.3	217.1	221.6	225.2	228.2	231.4	236.0	246.2
127.5°	189.3	195.0	200.2	205.1	209.8	214.2	217.3	220.1	223.3	227.8	237.0
130°	182.0	187.5	192.6	197.5	202.2	206.7	209.2	211.9	215.2	219.5	227.8
132.5°	174.4	179.6	184.5	189.2	193.8	198.0	200.4	203.0	206.3	210.5	218.5
135°	166.3	171.4	176.2	180.8	185.2	189.0	191.5	194.1	197.4	201.4	209.1
137.5°	158.3	163.2	167.7	172.0	175.8	179.2	181.9	184.2	187.3	191.2	198.5
140°	149.6	154.3	158.6	162.5	166.3	169.5	172.2	174.3	177.2	180.9	187.9
142.5°	140.7	144.9	149.0	152.8	156.5	159.3	161.9	163.8	166.7	169.9	176.5
145°	130.9	135.1	139.1	142.8	146.1	149.0	151.4	153.4	156.1	158.9	165.1
147.5°	121.2	125.1	128.7	132.0	135.0	137.7	139.9	141.8	144.3	146.7	152.7
150°	110.9	114.5	117.8	120.9	123.7	126.3	128.3	130.1	132.4	134.5	140.3
152.5°	100.1	103.3	106.4	109.2	111.9	114.2	116.1	117.9	120.0	122.0	127.3
155°	89.3	92.2	95.0	97.6	100.1	102.1	103.8	105.6	107.6	109.4	114.3
157.5°	78.5	81.1	83.5	85.8	87.8	89.6	91.2	92.9	94.5	96.0	100.3
160°	67.4	69.7	71.8	73.8	75.5	77.1	78.7	80.1	81.4	82.6	86.3
162.5°	56.1	58.1	60.0	61.6	63.1	64.4	65.7	67.0	68.2	69.3	72.4
165°	45.2	46.9	48.2	49.5	50.6	51.6	52.8	54.0	55.0	55.9	58.5
167.5°	34.5	35.8	37.0	38.0	39.0	40.0	41.0	41.9	42.6	43.3	45.4
170°	24.6	25.4	26.2	27.0	27.7	28.4	29.1	29.7	30.2	30.7	32.4
172.5°	16.1	16.7	17.3	17.8	18.3	18.8	19.2	19.5	19.8	20.1	21.3
175°	8.2	8.4	8.6	8.7	8.9	9.0	9.1	9.2	9.3	9.4	10.2
177.5°	4.2	4.3	4.4	4.5	4.5	4.6	4.6	4.7	4.7	4.7	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: P231995

CATALOG NUMBER: FVS4WM-4-LD4-50-2LO-PFS125-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°	5.5	5.9	6.3	6.6	7.0	7.3	7.6	8.0	8.3	8.5	8.8
5°	11.0	11.8	12.6	13.3	14.0	14.7	15.3	15.9	16.5	17.1	17.6
7.5°	22.5	23.6	24.7	25.7	26.6	27.4	28.5	30.7	32.9	34.9	36.9
10°	34.1	35.6	37.1	38.5	40.1	43.1	46.1	49.0	51.7	54.3	57.0
12.5°	47.5	49.4	51.2	53.7	57.7	61.5	65.1	68.4	72.6	77.6	82.4
15°	60.9	63.2	65.7	70.8	75.8	80.5	85.2	91.1	96.8	102.4	108.7
17.5°	75.3	78.0	83.0	88.9	94.7	100.6	107.7	114.3	120.6	128.2	136.4
20°	89.7	93.3	100.3	107.1	113.9	122.6	131.0	138.9	148.0	157.0	165.8
22.5°	104.3	109.8	117.6	125.3	134.4	143.9	153.4	164.0	174.1	183.9	194.8
25°	118.9	126.2	134.9	143.8	153.8	163.7	176.0	188.5	200.6	212.9	224.8
27.5°	132.4	141.0	150.3	161.2	172.6	185.2	199.5	213.6	227.9	241.5	254.4
30°	145.8	155.5	165.1	178.8	192.9	207.1	222.0	238.2	254.0	269.0	283.2
32.5°	159.2	169.7	181.4	196.4	211.8	228.0	244.9	262.9	280.4	297.1	312.8
35°	172.5	184.1	197.8	213.6	231.0	249.5	267.7	286.6	305.2	323.3	340.6
37.5°	185.1	197.4	213.1	230.2	249.7	269.3	289.5	309.5	330.4	348.7	367.7
40°	197.6	210.5	228.1	247.1	268.1	288.9	309.8	331.4	352.9	374.2	394.5
42.5°	209.1	222.8	242.3	263.1	285.0	307.4	330.1	353.4	376.7	398.9	420.0
45°	220.4	235.6	256.3	278.2	301.1	325.5	349.5	373.9	398.7	421.6	443.8
47.5°	230.8	247.4	269.0	292.3	317.4	343.4	368.2	394.0	419.3	444.5	466.2
50°	241.0	259.0	281.4	306.1	333.5	360.6	386.4	412.9	438.5	463.5	487.9
52.5°	251.2	270.1	293.0	318.7	347.8	376.0	403.4	430.6	457.3	483.3	508.9
55°	261.3	280.8	304.3	330.8	360.3	389.7	418.6	446.9	474.6	502.6	529.1
57.5°	269.6	290.0	314.1	341.8	372.5	403.4	433.3	462.4	491.9	521.3	548.5
60°	277.8	298.9	323.5	352.3	384.7	417.1	446.8	476.2	507.4	536.7	564.0
62.5°	283.9	306.2	332.5	362.8	395.7	428.2	459.1	489.4	522.1	550.3	578.9
65°	289.8	313.4	341.5	372.9	405.3	437.7	470.4	502.5	534.6	564.2	593.6
67.5°	295.1	319.4	348.9	380.9	413.8	447.3	480.9	513.9	546.0	578.3	607.1
70°	300.3	325.1	356.0	387.8	422.0	456.6	489.8	523.3	556.4	588.0	618.6
72.5°	304.5	330.2	361.8	393.9	428.8	463.6	497.4	532.2	565.3	597.3	628.8
75°	308.6	335.2	367.1	399.6	434.6	469.0	504.2	540.2	572.7	605.1	637.1
77.5°	311.4	338.5	370.4	403.6	438.9	473.7	509.6	545.7	578.5	611.6	644.7
80°	314.7	341.6	373.2	407.0	442.5	478.0	513.6	549.2	582.6	617.2	649.4
82.5°	316.6	344.9	377.2	409.9	446.3	481.4	516.9	553.4	586.8	621.8	652.8
85°	318.6	346.9	379.1	412.9	450.6	485.3	520.7	559.0	590.7	625.1	655.3
87.5°	319.0	346.9	378.8	414.6	451.2	485.8	521.9	558.3	592.0	626.3	657.2
90°	319.4	346.9	378.4	416.2	451.6	486.2	523.2	557.0	591.6	625.5	657.7
92.5°	319.0	346.9	378.8	414.6	451.2	485.8	521.9	558.3	592.0	626.3	657.2
95°	318.6	346.9	379.1	412.9	450.6	485.3	520.7	559.0	590.7	625.1	655.3
97.5°	316.6	344.9	377.2	409.9	446.3	481.4	516.9	553.4	586.8	621.8	652.8
100°	314.7	341.6	373.2	407.0	442.5	478.0	513.6	549.2	582.6	617.2	649.4
102.5°	311.4	338.5	370.4	403.6	438.9	473.7	509.6	545.7	578.5	611.6	644.7
105°	308.6	335.2	367.1	399.6	434.6	469.0	504.2	540.2	572.7	605.1	637.1
107.5°	304.5	330.2	361.8	393.9	428.8	463.6	497.4	532.2	565.3	597.3	628.8
110°	300.3	325.1	356.0	387.8	422.0	456.6	489.8	523.3	556.4	588.0	618.6



TEST NUMBER: P231995

CATALOG NUMBER: FVS4WM-4-LD4-50-2LO-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
112.5°	295.1	319.4	348.9	380.9	413.8	447.3	480.9	513.9	546.0	578.3	607.1
115°	289.8	313.4	341.5	372.9	405.3	437.7	470.4	502.5	534.6	564.2	593.6
117.5°	283.9	306.2	332.5	362.8	395.7	428.2	459.1	489.4	522.1	550.3	578.9
120°	277.8	298.9	323.5	352.3	384.7	417.1	446.8	476.2	507.4	536.7	564.0
122.5°	269.6	290.0	314.1	341.8	372.5	403.4	433.3	462.4	491.9	521.3	548.5
125°	261.3	280.8	304.3	330.8	360.3	389.7	418.6	446.9	474.6	502.6	529.1
127.5°	251.2	270.1	293.0	318.7	347.8	376.0	403.4	430.6	457.3	483.3	508.9
130°	241.0	259.0	281.4	306.1	333.5	360.6	386.4	412.9	438.5	463.5	487.9
132.5°	230.8	247.4	269.0	292.3	317.4	343.4	368.2	394.0	419.3	444.5	466.2
135°	220.4	235.6	256.3	278.2	301.1	325.5	349.5	373.9	398.7	421.6	443.8
137.5°	209.1	222.8	242.3	263.1	285.0	307.4	330.1	353.4	376.7	398.9	420.0
140°	197.6	210.5	228.1	247.1	268.1	288.9	309.8	331.4	352.9	374.2	394.5
142.5°	185.1	197.4	213.1	230.2	249.7	269.3	289.5	309.5	330.4	348.7	367.7
145°	172.5	184.1	197.8	213.6	231.0	249.5	267.7	286.6	305.2	323.3	340.6
147.5°	159.2	169.7	181.4	196.4	211.8	228.0	244.9	262.9	280.4	297.1	312.8
150°	145.8	155.5	165.1	178.8	192.9	207.1	222.0	238.2	254.0	269.0	283.2
152.5°	132.4	141.0	150.3	161.2	172.6	185.2	199.5	213.6	227.9	241.5	254.4
155°	118.9	126.2	134.9	143.8	153.8	163.7	176.0	188.5	200.6	212.9	224.8
157.5°	104.3	109.8	117.6	125.3	134.4	143.9	153.4	164.0	174.1	183.9	194.8
160°	89.7	93.3	100.3	107.1	113.9	122.6	131.0	138.9	148.0	157.0	165.8
162.5°	75.3	78.0	83.0	88.9	94.7	100.6	107.7	114.3	120.6	128.2	136.4
165°	60.9	63.2	65.7	70.8	75.8	80.5	85.2	91.1	96.8	102.4	108.7
167.5°	47.5	49.4	51.2	53.7	57.7	61.5	65.1	68.4	72.6	77.6	82.4
170°	34.1	35.6	37.1	38.5	40.1	43.1	46.1	49.0	51.7	54.3	57.0
172.5°	22.5	23.6	24.7	25.7	26.6	27.4	28.5	30.7	32.9	34.9	36.9
175°	11.0	11.8	12.6	13.3	14.0	14.7	15.3	15.9	16.5	17.1	17.6
177.5°	5.5	5.9	6.3	6.6	7.0	7.3	7.6	8.0	8.3	8.5	8.8
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: P231995

CATALOG NUMBER: FVS4WM-4-LD4-50-2LO-PFS125-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°	9.0	9.3	9.5	9.7	9.8	10.0	10.1	10.2	10.3	10.4	10.5
5°	19.1	20.6	22.0	23.4	24.6	25.8	26.9	27.9	28.9	29.7	30.5
7.5°	38.8	40.5	42.2	43.7	45.4	47.3	48.7	51.0	53.0	54.8	56.4
10°	60.7	64.3	67.7	70.9	73.8	76.4	78.8	81.1	83.6	85.8	87.8
12.5°	87.1	91.7	96.0	100.0	103.9	107.6	111.1	114.4	117.6	120.9	124.1
15°	114.3	120.3	125.8	130.7	135.3	140.3	145.0	149.7	154.4	158.7	162.6
17.5°	144.4	152.9	158.8	165.3	171.6	177.4	183.3	188.9	194.1	198.8	203.3
20°	174.8	183.6	191.8	199.7	207.6	215.1	222.1	228.5	234.1	239.2	243.8
22.5°	205.2	215.4	225.9	235.7	245.0	252.3	259.2	265.6	272.3	278.9	284.6
25°	236.8	248.9	262.5	271.1	280.2	288.6	297.5	305.9	313.6	320.3	326.3
27.5°	267.2	280.0	292.6	304.2	316.0	327.2	339.0	345.8	353.6	360.7	366.8
30°	297.1	311.2	325.3	339.7	353.1	364.1	374.1	383.6	392.2	399.8	407.4
32.5°	328.0	343.5	359.7	374.9	387.1	398.4	409.6	420.1	429.7	437.7	444.9
35°	357.7	375.4	391.6	405.4	418.8	432.2	444.6	456.5	467.0	475.6	483.1
37.5°	386.7	404.7	420.5	436.0	451.5	465.6	478.8	491.7	502.6	513.0	519.7
40°	414.2	432.5	449.9	467.0	482.7	496.8	510.7	524.2	536.0	546.4	555.2
42.5°	440.1	459.6	478.4	496.3	513.1	528.0	542.6	556.7	570.8	579.4	588.6
45°	465.3	485.4	505.2	524.4	541.5	557.2	572.6	587.1	599.3	610.1	619.6
47.5°	488.6	510.2	531.2	550.8	568.3	585.5	601.3	615.2	628.4	639.8	649.8
50°	511.8	534.3	555.8	575.7	594.8	612.9	628.2	643.1	658.3	668.6	679.3
52.5°	533.8	556.8	578.9	600.2	621.1	638.3	654.4	671.0	683.5	695.4	706.3
55°	554.3	578.0	601.7	622.6	643.6	663.5	679.0	694.4	708.5	719.9	731.7
57.5°	573.4	597.7	621.2	644.3	665.0	683.9	701.3	717.7	731.7	743.9	755.8
60°	591.3	616.6	640.7	663.2	684.4	704.3	722.7	739.0	753.4	766.0	778.3
62.5°	606.9	633.0	657.9	680.9	703.3	723.5	741.8	758.6	773.4	787.3	799.5
65°	621.7	648.2	673.3	696.8	719.4	740.7	759.1	776.6	792.7	807.3	819.4
67.5°	635.1	661.7	687.5	711.5	734.2	755.7	775.3	793.7	810.5	824.3	837.3
70°	646.8	674.3	700.9	725.4	748.7	769.9	789.8	808.4	824.7	839.2	854.3
72.5°	657.4	685.6	711.7	737.1	760.5	783.1	802.6	821.0	837.7	853.6	867.8
75°	666.8	694.5	721.1	746.7	769.7	792.3	813.4	832.0	849.5	866.2	879.5
77.5°	674.6	702.0	728.9	754.3	778.2	800.9	821.9	841.0	858.6	874.8	888.9
80°	680.1	707.5	735.0	761.0	785.3	807.7	828.5	848.5	866.8	882.4	896.5
82.5°	684.4	711.7	739.9	766.6	790.9	812.8	833.2	853.3	871.7	887.7	902.0
85°	686.6	714.6	742.9	768.6	792.5	815.8	836.4	855.9	874.3	890.9	905.3
87.5°	687.7	716.7	745.0	770.2	794.6	818.2	838.9	857.5	876.3	892.8	908.0
90°	686.8	716.7	745.0	770.2	796.2	818.2	839.4	857.5	875.6	892.2	908.7
92.5°	687.7	716.7	745.0	770.2	794.6	818.2	838.9	857.5	876.3	892.8	908.0
95°	686.6	714.6	742.9	768.6	792.5	815.8	836.4	855.9	874.3	890.9	905.3
97.5°	684.4	711.7	739.9	766.6	790.9	812.8	833.2	853.3	871.7	887.7	902.0
100°	680.1	707.5	735.0	761.0	785.3	807.7	828.5	848.5	866.8	882.4	896.5
102.5°	674.6	702.0	728.9	754.3	778.2	800.9	821.9	841.0	858.6	874.8	888.9
105°	666.8	694.5	721.1	746.7	769.7	792.3	813.4	832.0	849.5	866.2	879.5
107.5°	657.4	685.6	711.7	737.1	760.5	783.1	802.6	821.0	837.7	853.6	867.8
110°	646.8	674.3	700.9	725.4	748.7	769.9	789.8	808.4	824.7	839.2	854.3



TEST NUMBER: P231995

CATALOG NUMBER: FVS4WM-4-LD4-50-2LO-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
112.5°	635.1	661.7	687.5	711.5	734.2	755.7	775.3	793.7	810.5	824.3	837.3
115°	621.7	648.2	673.3	696.8	719.4	740.7	759.1	776.6	792.7	807.3	819.4
117.5°	606.9	633.0	657.9	680.9	703.3	723.5	741.8	758.6	773.4	787.3	799.5
120°	591.3	616.6	640.7	663.2	684.4	704.3	722.7	739.0	753.4	766.0	778.3
122.5°	573.4	597.7	621.2	644.3	665.0	683.9	701.3	717.7	731.7	743.9	755.8
125°	554.3	578.0	601.7	622.6	643.6	663.5	679.0	694.4	708.5	719.9	731.7
127.5°	533.8	556.8	578.9	600.2	621.1	638.3	654.4	671.0	683.5	695.4	706.3
130°	511.8	534.3	555.8	575.7	594.8	612.9	628.2	643.1	658.3	668.6	679.3
132.5°	488.6	510.2	531.2	550.8	568.3	585.5	601.3	615.2	628.4	639.8	649.8
135°	465.3	485.4	505.2	524.4	541.5	557.2	572.6	587.1	599.3	610.1	619.6
137.5°	440.1	459.6	478.4	496.3	513.1	528.0	542.6	556.7	570.8	579.4	588.6
140°	414.2	432.5	449.9	467.0	482.7	496.8	510.7	524.2	536.0	546.4	555.2
142.5°	386.7	404.7	420.5	436.0	451.5	465.6	478.8	491.7	502.6	513.0	519.7
145°	357.7	375.4	391.6	405.4	418.8	432.2	444.6	456.5	467.0	475.6	483.1
147.5°	328.0	343.5	359.7	374.9	387.1	398.4	409.6	420.1	429.7	437.7	444.9
150°	297.1	311.2	325.3	339.7	353.1	364.1	374.1	383.6	392.2	399.8	407.4
152.5°	267.2	280.0	292.6	304.2	316.0	327.2	339.0	345.8	353.6	360.7	366.8
155°	236.8	248.9	262.5	271.1	280.2	288.6	297.5	305.9	313.6	320.3	326.3
157.5°	205.2	215.4	225.9	235.7	245.0	252.3	259.2	265.6	272.3	278.9	284.6
160°	174.8	183.6	191.8	199.7	207.6	215.1	222.1	228.5	234.1	239.2	243.8
162.5°	144.4	152.9	158.8	165.3	171.6	177.4	183.3	188.9	194.1	198.8	203.3
165°	114.3	120.3	125.8	130.7	135.3	140.3	145.0	149.7	154.4	158.7	162.6
167.5°	87.1	91.7	96.0	100.0	103.9	107.6	111.1	114.4	117.6	120.9	124.1
170°	60.7	64.3	67.7	70.9	73.8	76.4	78.8	81.1	83.6	85.8	87.8
172.5°	38.8	40.5	42.2	43.7	45.4	47.3	48.7	51.0	53.0	54.8	56.4
175°	19.1	20.6	22.0	23.4	24.6	25.8	26.9	27.9	28.9	29.7	30.5
177.5°	9.0	9.3	9.5	9.7	9.8	10.0	10.1	10.2	10.3	10.4	10.5
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: P231995

CATALOG NUMBER: FVS4WM-4-LD4-50-2LO-PFS125-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°	10.5	10.5	10.5	10.5	10.5	10.4	10.6	10.4	10.2	10.0	9.8
5°	31.2	31.8	32.3	32.7	33.0	33.2	33.4	33.4	34.1	33.6	33.2
7.5°	57.9	59.3	60.4	61.4	62.3	63.0	63.5	63.8	64.0	64.8	64.1
10°	89.4	92.0	94.3	96.4	98.2	99.8	101.1	102.1	102.9	104.8	104.2
12.5°	126.9	129.3	131.3	133.2	135.3	137.0	138.2	139.0	139.3	139.3	139.5
15°	166.2	169.3	171.9	173.9	175.4	177.3	179.3	180.8	181.9	182.6	183.8
17.5°	207.4	210.9	213.9	216.5	218.5	220.0	221.7	223.6	224.9	225.7	226.9
20°	248.0	252.0	255.6	258.6	260.9	262.6	263.6	264.9	266.4	267.3	268.8
22.5°	289.4	293.3	296.6	300.3	303.2	305.3	306.6	307.2	308.7	309.6	311.2
25°	331.5	336.1	340.0	343.0	345.9	348.1	349.4	349.7	350.2	351.9	352.9
27.5°	372.2	377.3	381.7	385.1	386.9	389.1	390.2	390.5	390.0	391.1	391.7
30°	411.8	416.3	420.7	424.1	426.6	428.4	430.1	431.0	430.9	431.1	431.6
32.5°	450.8	455.6	459.0	463.3	466.4	468.4	469.8	470.6	470.3	469.4	470.5
35°	489.7	494.8	499.1	502.9	506.2	508.0	508.9	509.1	508.0	505.7	506.7
37.5°	526.5	532.4	537.5	541.1	543.4	545.4	545.7	545.0	544.3	542.7	542.8
40°	562.7	569.8	575.0	578.1	580.2	581.2	581.2	580.3	579.5	577.5	576.6
42.5°	596.7	603.6	609.2	612.3	614.3	615.8	616.3	615.7	614.6	613.1	611.5
45°	628.4	636.4	641.6	645.0	648.0	650.9	649.6	648.9	647.0	645.3	642.4
47.5°	659.5	668.2	673.7	677.8	680.2	681.5	681.7	681.2	679.6	677.7	674.7
50°	691.8	701.0	704.3	708.4	711.1	712.6	713.3	711.9	709.5	707.3	706.8
52.5°	717.8	725.8	731.8	737.3	741.0	742.3	742.4	740.5	738.4	736.4	737.0
55°	742.6	750.4	757.6	763.9	768.3	770.3	770.7	768.8	766.3	763.7	762.7
57.5°	765.9	773.8	781.1	788.9	794.8	796.9	797.2	795.6	793.1	790.1	788.0
60°	788.6	797.1	804.6	812.4	818.6	821.4	822.7	820.1	817.8	814.6	812.0
62.5°	810.0	818.7	826.5	834.9	839.3	843.1	845.0	843.6	840.5	836.9	834.2
65°	830.4	839.0	846.7	852.8	858.3	862.9	865.4	864.2	862.4	858.1	854.7
67.5°	849.5	858.1	865.1	871.3	877.0	880.4	883.7	884.6	882.3	877.8	874.4
70°	865.2	874.7	882.2	888.3	892.8	896.2	899.2	901.3	899.0	895.0	891.3
72.5°	879.3	889.8	897.3	903.4	907.2	909.8	912.7	914.7	914.5	911.1	905.8
75°	891.6	902.1	910.0	917.0	920.7	922.2	923.0	924.8	926.4	924.9	919.8
77.5°	901.4	912.0	920.6	927.4	931.8	934.0	933.9	933.3	934.3	935.2	931.6
80°	909.4	919.7	928.6	936.1	940.5	943.7	944.5	942.1	939.4	941.7	941.2
82.5°	914.7	925.8	934.3	941.1	946.2	949.3	950.8	950.3	947.1	942.8	946.3
85°	918.5	929.0	937.9	944.6	949.4	952.3	953.3	953.2	952.0	948.9	944.3
87.5°	920.5	930.3	939.1	945.6	950.5	952.3	954.0	953.8	952.1	949.3	947.2
90°	919.7	929.9	937.8	944.9	949.6	951.2	951.9	951.2	948.8	945.7	940.9
92.5°	920.5	930.3	939.1	945.6	950.5	952.3	954.0	953.8	952.1	949.3	947.2
95°	918.5	929.0	937.9	944.6	949.4	952.3	953.3	953.2	952.0	948.9	944.3
97.5°	914.7	925.8	934.3	941.1	946.2	949.3	950.8	950.3	947.1	942.8	946.3
100°	909.4	919.7	928.6	936.1	940.5	943.7	944.5	942.1	939.4	941.7	941.2
102.5°	901.4	912.0	920.6	927.4	931.8	934.0	933.9	933.3	934.3	935.2	931.6
105°	891.6	902.1	910.0	917.0	920.7	922.2	923.0	924.8	926.4	924.9	919.8
107.5°	879.3	889.8	897.3	903.4	907.2	909.8	912.7	914.7	914.5	911.1	905.8
110°	865.2	874.7	882.2	888.3	892.8	896.2	899.2	901.3	899.0	895.0	891.3



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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°	849.5	858.1	865.1	871.3	877.0	880.4	883.7	884.6	882.3	877.8	874.4
115°	830.4	839.0	846.7	852.8	858.3	862.9	865.4	864.2	862.4	858.1	854.7
117.5°	810.0	818.7	826.5	834.9	839.3	843.1	845.0	843.6	840.5	836.9	834.2
120°	788.6	797.1	804.6	812.4	818.6	821.4	822.7	820.1	817.8	814.6	812.0
122.5°	765.9	773.8	781.1	788.9	794.8	796.9	797.2	795.6	793.1	790.1	788.0
125°	742.6	750.4	757.6	763.9	768.3	770.3	770.7	768.8	766.3	763.7	762.7
127.5°	717.8	725.8	731.8	737.3	741.0	742.3	742.4	740.5	738.4	736.4	737.0
130°	691.8	701.0	704.3	708.4	711.1	712.6	713.3	711.9	709.5	707.3	706.8
132.5°	659.5	668.2	673.7	677.8	680.2	681.5	681.7	681.2	679.6	677.7	674.7
135°	628.4	636.4	641.6	645.0	648.0	650.9	649.6	648.9	647.0	645.3	642.4
137.5°	596.7	603.6	609.2	612.3	614.3	615.8	616.3	615.7	614.6	613.1	611.5
140°	562.7	569.8	575.0	578.1	580.2	581.2	581.2	580.3	579.5	577.5	576.6
142.5°	526.5	532.4	537.5	541.1	543.4	545.4	545.7	545.0	544.3	542.7	542.8
145°	489.7	494.8	499.1	502.9	506.2	508.0	508.9	509.1	508.0	505.7	506.7
147.5°	450.8	455.6	459.0	463.3	466.4	468.4	469.8	470.6	470.3	469.4	470.5
150°	411.8	416.3	420.7	424.1	426.6	428.4	430.1	431.0	430.9	431.1	431.6
152.5°	372.2	377.3	381.7	385.1	386.9	389.1	390.2	390.5	390.0	391.1	391.7
155°	331.5	336.1	340.0	343.0	345.9	348.1	349.4	349.7	350.2	351.9	352.9
157.5°	289.4	293.3	296.6	300.3	303.2	305.3	306.6	307.2	308.7	309.6	311.2
160°	248.0	252.0	255.6	258.6	260.9	262.6	263.6	264.9	266.4	267.3	268.8
162.5°	207.4	210.9	213.9	216.5	218.5	220.0	221.7	223.6	224.9	225.7	226.9
165°	166.2	169.3	171.9	173.9	175.4	177.3	179.3	180.8	181.9	182.6	183.8
167.5°	126.9	129.3	131.3	133.2	135.3	137.0	138.2	139.0	139.3	139.3	139.5
170°	89.4	92.0	94.3	96.4	98.2	99.8	101.1	102.1	102.9	104.8	104.2
172.5°	57.9	59.3	60.4	61.4	62.3	63.0	63.5	63.8	64.0	64.8	64.1
175°	31.2	31.8	32.3	32.7	33.0	33.2	33.4	33.4	34.1	33.6	33.2
177.5°	10.5	10.5	10.5	10.5	10.5	10.4	10.6	10.4	10.2	10.0	9.8
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°	9.6	9.4
5°	32.7	32.3
7.5°	63.5	62.9
10°	103.7	103.1
12.5°	138.2	136.9
15°	182.8	181.7
17.5°	225.6	224.2
20°	267.3	265.9
22.5°	309.4	307.6
25°	353.6	352.5
27.5°	391.8	390.2
30°	431.6	429.6
32.5°	471.2	469.7
35°	507.8	506.7
37.5°	544.0	542.8
40°	579.0	579.0
42.5°	614.0	613.7
45°	646.3	647.5
47.5°	677.0	677.4
50°	708.2	707.3
52.5°	737.6	735.6
55°	763.3	763.9
57.5°	788.8	790.7
60°	812.8	813.5
62.5°	835.4	837.9
65°	857.2	856.0
67.5°	875.4	876.4
70°	892.1	893.7
72.5°	906.8	907.9
75°	919.7	922.1
77.5°	929.9	933.9
80°	938.6	943.3
82.5°	946.3	950.4
85°	951.8	955.9
87.5°	945.4	959.0
90°	940.1	949.6
92.5°	945.4	959.0
95°	951.8	955.9
97.5°	946.3	950.4
100°	938.6	943.3
102.5°	929.9	933.9
105°	919.7	922.1
107.5°	906.8	907.9
110°	892.1	893.7



TEST NUMBER: P231995

CATALOG NUMBER: FVS4WM-4-LD4-50-2LO-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	357.5°	360°
112.5°	875.4	876.4
115°	857.2	856.0
117.5°	835.4	837.9
120°	812.8	813.5
122.5°	788.8	790.7
125°	763.3	763.9
127.5°	737.6	735.6
130°	708.2	707.3
132.5°	677.0	677.4
135°	646.3	647.5
137.5°	614.0	613.7
140°	579.0	579.0
142.5°	544.0	542.8
145°	507.8	506.7
147.5°	471.2	469.7
150°	431.6	429.6
152.5°	391.8	390.2
155°	353.6	352.5
157.5°	309.4	307.6
160°	267.3	265.9
162.5°	225.6	224.2
165°	182.8	181.7
167.5°	138.2	136.9
170°	103.7	103.1
172.5°	63.5	62.9
175°	32.7	32.3
177.5°	9.6	9.4
180°	0.0	0.0

(END OF REPORT)