

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: P231998

Luminaire Tested: **FVS4WM-4-LD4-40-2STD-PFS125-UNV-EDC1**

Issue Date: 3/3/2020



Test Information

Test Method: LM-79-08
Report Number: P231998
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-LD4-40-2STD-PFS125-UNV-EDC1
Description: FAILSAFE FVS LED FIXTURE
4FT LENGTH, 2-MODULE LED WITH PFS125 LENS
Light Source: (168) 4000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

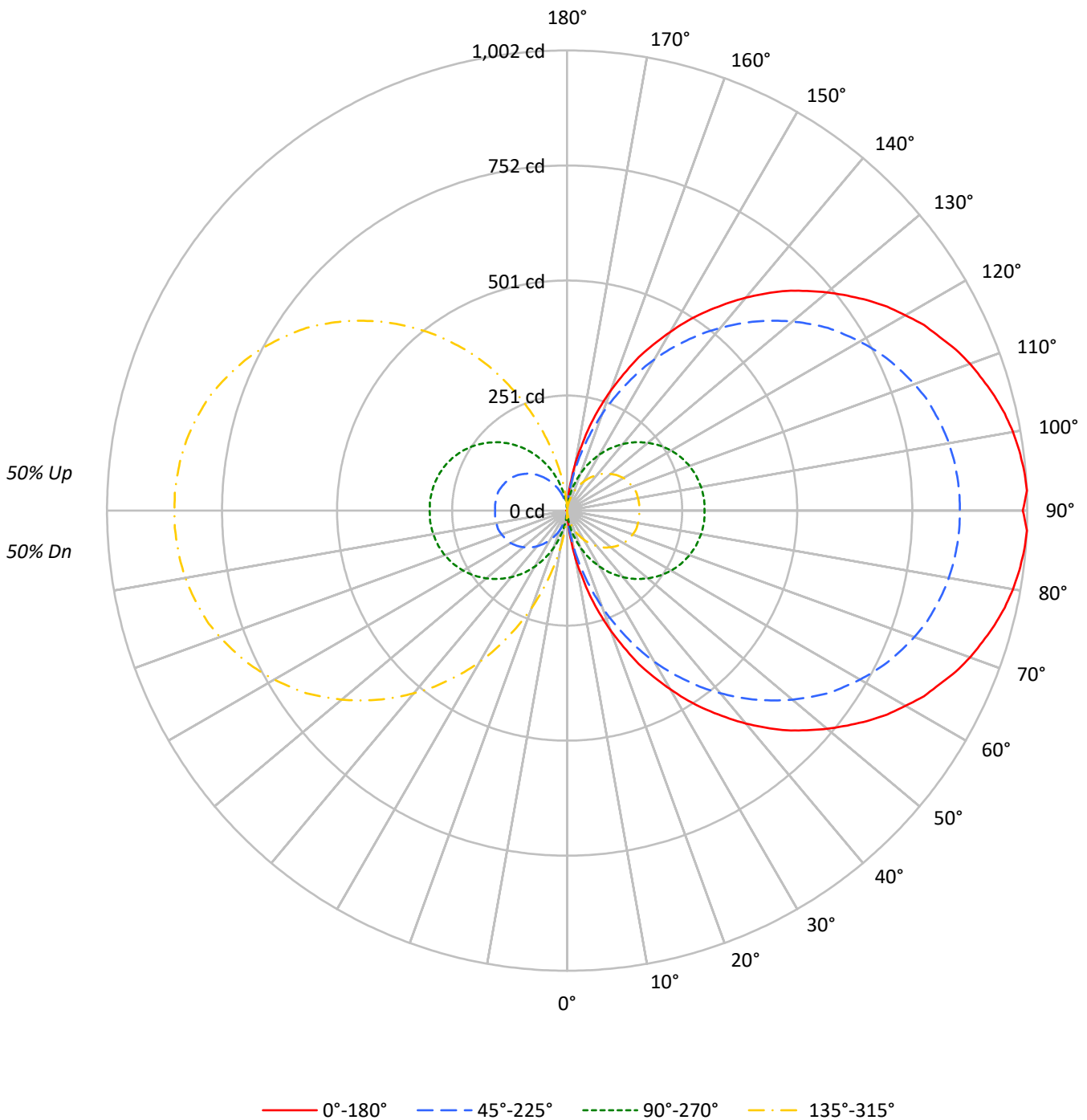
Lumens per Lamp: N/A
Luminaire Lumens: 4446.5 lumens
Efficiency: N/A
Efficacy: 65.9 lumens/watt
Spacing Criteria (0/90/45): - / - / -
Luminous Opening: Rectangular w/ Sides (W: 3.79' x L: 0.19' x H: 0.31')
CIE Type: General Diffuse

Input Watts (W): 67.5
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





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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	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°	447	149	0	149
10°	1280	486	0	486
15°	2058	896	0	896
20°	2787	1350	0	1350
25°	3463	1839	0	1839
30°	3999	2346	0	2346
35°	4516	2903	0	2903
40°	4987	3496	0	3496
45°	5434	4164	0	4164
50°	5831	4920	6	4920
55°	6235	5826	6	5826
60°	6624	6929	6	6929
65°	7007	8336	6	8336
70°	7411	10240	6	10240
75°	7807	13023	6	13023
80°	8223	17588	0	17588
85°	8655	26773	0	26773



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	2.4	0.1
10°-20°	24.9	0.6
20°-30°	77.8	1.8
30°-40°	154.8	3.5
40°-50°	244.5	5.5
50°-60°	334.7	7.5
60°-70°	413.6	9.3
70°-80°	471.1	10.6
80°-90°	499.5	11.2
90°-100°	499.5	11.2
100°-110°	471.1	10.6
110°-120°	413.6	9.3
120°-130°	334.7	7.5
130°-140°	244.5	5.5
140°-150°	154.8	3.5
150°-160°	77.8	1.8
160°-170°	24.9	0.6
170°-180°	2.4	0.1
0°-30°	105.2	2.4
0°-40°	260.0	5.8
0°-60°	839.1	18.9
0°-90°	2223.2	50.0
90°-120°	1384.1	31.1
90°-150°	2118.1	47.6
90°-180°	2223.0	50.0
0°-180°	4446.5	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	0	0	0	0	0	
5°	34	10	0	10	34	6
15°	190	58	0	58	190	56
25°	368	114	0	114	368	171
35°	530	166	0	166	530	334
45°	677	210	0	210	677	524
55°	798	247	1	247	798	716
65°	895	274	1	274	895	889
75°	964	291	1	291	964	1018
85°	999	299	0	299	999	813
90°	992	299	0	299	992	547
95°	999	299	0	299	999	813
105°	964	291	1	291	964	1018
115°	895	274	1	274	895	889
125°	798	247	1	247	798	716
135°	677	210	0	210	677	524
145°	530	166	0	166	530	334
155°	368	114	0	114	368	171
165°	190	58	0	58	190	56
175°	34	10	0	10	34	6
180°	0	0	0	0	0	



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CATALOG NUMBER: FVS4WM-4-LD4-40-2STD-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°	9.9	10.1	10.3	10.5	10.8	11.0	11.2	10.9	11.0	11.0	11.0
5°	33.7	34.2	34.6	35.1	35.6	34.9	34.8	34.7	34.5	34.1	33.7
7.5°	65.8	66.4	67.1	67.7	66.9	66.7	66.4	65.8	65.1	64.2	63.1
10°	107.7	108.3	108.9	109.4	107.5	106.7	105.6	104.2	102.6	100.7	98.5
12.5°	143.1	144.5	145.8	145.6	145.6	145.2	144.4	143.1	141.4	139.2	137.2
15°	189.9	191.0	192.1	190.9	190.2	189.0	187.4	185.3	183.4	181.8	179.6
17.5°	234.3	235.7	237.2	235.8	235.1	233.7	231.7	230.0	228.4	226.2	223.6
20°	277.9	279.4	280.9	279.3	278.4	276.8	275.4	274.4	272.6	270.2	267.1
22.5°	321.5	323.4	325.2	323.5	322.5	321.0	320.4	319.0	316.8	313.8	309.9
25°	368.4	369.5	368.9	367.8	365.9	365.5	365.1	363.7	361.5	358.4	355.3
27.5°	407.8	409.5	409.4	408.8	407.6	408.1	407.8	406.6	404.3	402.4	398.9
30°	448.9	451.0	451.1	450.6	450.3	450.4	449.6	447.8	445.9	443.2	439.6
32.5°	490.9	492.5	491.8	490.6	491.6	491.9	491.0	489.6	487.4	484.2	479.8
35°	529.5	530.7	529.5	528.6	531.0	532.0	531.8	530.9	529.0	525.5	521.7
37.5°	567.3	568.6	567.3	567.1	568.8	569.6	570.3	569.9	567.9	565.5	561.8
40°	605.2	605.2	602.6	603.6	605.6	606.4	607.4	607.4	606.4	604.2	601.0
42.5°	641.3	641.7	639.2	640.8	642.3	643.5	644.1	643.5	642.0	639.8	636.6
45°	676.7	675.5	671.4	674.5	676.2	678.2	678.9	680.2	677.2	674.0	670.5
47.5°	707.9	707.5	705.1	708.3	710.3	711.9	712.5	712.2	710.9	708.3	704.1
50°	739.2	740.2	738.7	739.2	741.6	744.1	745.4	744.7	743.1	740.4	736.1
52.5°	768.8	770.9	770.3	769.7	771.8	773.9	775.9	775.7	774.4	770.5	764.8
55°	798.4	797.8	797.1	798.2	801.0	803.5	805.4	805.1	803.0	798.3	791.8
57.5°	826.3	824.4	823.6	825.7	829.0	831.6	833.2	832.9	830.7	824.5	816.3
60°	850.2	849.5	848.7	851.3	854.7	857.1	859.8	858.5	855.5	849.1	840.9
62.5°	875.7	873.0	871.8	874.6	878.4	881.6	883.1	881.2	877.2	872.5	863.9
65°	894.6	895.9	893.3	896.8	901.3	903.2	904.5	901.9	897.0	891.2	884.9
67.5°	916.0	915.0	913.9	917.4	922.1	924.5	923.6	920.2	916.6	910.6	904.1
70°	934.0	932.4	931.5	935.4	939.5	941.9	939.8	936.7	933.2	928.4	922.0
72.5°	948.8	947.6	946.7	952.1	955.8	955.9	953.8	950.8	948.2	944.2	937.7
75°	963.6	961.1	961.2	966.6	968.2	966.5	964.7	963.8	962.2	958.3	951.1
77.5°	976.0	971.8	973.6	977.4	976.5	975.4	976.0	976.1	973.9	969.3	962.1
80°	985.8	980.9	983.7	984.2	981.7	984.6	987.1	986.3	982.9	978.4	970.5
82.5°	993.2	989.0	989.0	985.3	989.8	993.2	993.7	992.1	988.9	983.6	976.5
85°	999.0	994.8	986.9	991.7	995.0	996.2	996.3	995.3	992.2	987.2	980.3
87.5°	1002.3	988.0	989.9	992.1	995.1	996.8	997.1	995.3	993.3	988.2	981.4
90°	992.4	982.6	983.4	988.3	991.6	994.1	994.9	994.1	992.4	987.5	980.1
92.5°	1002.3	988.0	989.9	992.1	995.1	996.8	997.1	995.3	993.3	988.2	981.4
95°	999.0	994.8	986.9	991.7	995.0	996.2	996.3	995.3	992.2	987.2	980.3
97.5°	993.2	989.0	989.0	985.3	989.8	993.2	993.7	992.1	988.9	983.6	976.5
100°	985.8	980.9	983.7	984.2	981.7	984.6	987.1	986.3	982.9	978.4	970.5
102.5°	976.0	971.8	973.6	977.4	976.5	975.4	976.0	976.1	973.9	969.3	962.1
105°	963.6	961.1	961.2	966.6	968.2	966.5	964.7	963.8	962.2	958.3	951.1
107.5°	948.8	947.6	946.7	952.1	955.8	955.9	953.8	950.8	948.2	944.2	937.7
110°	934.0	932.4	931.5	935.4	939.5	941.9	939.8	936.7	933.2	928.4	922.0



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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°	916.0	915.0	913.9	917.4	922.1	924.5	923.6	920.2	916.6	910.6	904.1
115°	894.6	895.9	893.3	896.8	901.3	903.2	904.5	901.9	897.0	891.2	884.9
117.5°	875.7	873.0	871.8	874.6	878.4	881.6	883.1	881.2	877.2	872.5	863.9
120°	850.2	849.5	848.7	851.3	854.7	857.1	859.8	858.5	855.5	849.1	840.9
122.5°	826.3	824.4	823.6	825.7	829.0	831.6	833.2	832.9	830.7	824.5	816.3
125°	798.4	797.8	797.1	798.2	801.0	803.5	805.4	805.1	803.0	798.3	791.8
127.5°	768.8	770.9	770.3	769.7	771.8	773.9	775.9	775.7	774.4	770.5	764.8
130°	739.2	740.2	738.7	739.2	741.6	744.1	745.4	744.7	743.1	740.4	736.1
132.5°	707.9	707.5	705.1	708.3	710.3	711.9	712.5	712.2	710.9	708.3	704.1
135°	676.7	675.5	671.4	674.5	676.2	678.2	678.9	680.2	677.2	674.0	670.5
137.5°	641.3	641.7	639.2	640.8	642.3	643.5	644.1	643.5	642.0	639.8	636.6
140°	605.2	605.2	602.6	603.6	605.6	606.4	607.4	607.4	606.4	604.2	601.0
142.5°	567.3	568.6	567.3	567.1	568.8	569.6	570.3	569.9	567.9	565.5	561.8
145°	529.5	530.7	529.5	528.6	531.0	532.0	531.8	530.9	529.0	525.5	521.7
147.5°	490.9	492.5	491.8	490.6	491.6	491.9	491.0	489.6	487.4	484.2	479.8
150°	448.9	451.0	451.1	450.6	450.3	450.4	449.6	447.8	445.9	443.2	439.6
152.5°	407.8	409.5	409.4	408.8	407.6	408.1	407.8	406.6	404.3	402.4	398.9
155°	368.4	369.5	368.9	367.8	365.9	365.5	365.1	363.7	361.5	358.4	355.3
157.5°	321.5	323.4	325.2	323.5	322.5	321.0	320.4	319.0	316.8	313.8	309.9
160°	277.9	279.4	280.9	279.3	278.4	276.8	275.4	274.4	272.6	270.2	267.1
162.5°	234.3	235.7	237.2	235.8	235.1	233.7	231.7	230.0	228.4	226.2	223.6
165°	189.9	191.0	192.1	190.9	190.2	189.0	187.4	185.3	183.4	181.8	179.6
167.5°	143.1	144.5	145.8	145.6	145.6	145.2	144.4	143.1	141.4	139.2	137.2
170°	107.7	108.3	108.9	109.4	107.5	106.7	105.6	104.2	102.6	100.7	98.5
172.5°	65.8	66.4	67.1	67.7	66.9	66.7	66.4	65.8	65.1	64.2	63.1
175°	33.7	34.2	34.6	35.1	35.6	34.9	34.8	34.7	34.5	34.1	33.7
177.5°	9.9	10.1	10.3	10.5	10.8	11.0	11.2	10.9	11.0	11.0	11.0
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°	11.0	11.0	11.0	10.9	10.8	10.7	10.6	10.5	10.3	10.1	9.9
5°	33.2	32.5	31.8	31.0	30.1	29.2	28.1	26.9	25.7	24.4	23.0
7.5°	61.9	60.5	58.9	57.2	55.3	53.3	50.9	49.4	47.4	45.7	44.1
10°	96.1	93.4	91.7	89.6	87.3	84.8	82.3	79.8	77.1	74.1	70.8
12.5°	135.1	132.6	129.7	126.3	122.8	119.6	116.1	112.4	108.6	104.5	100.3
15°	176.9	173.7	169.9	165.8	161.3	156.4	151.5	146.6	141.3	136.6	131.5
17.5°	220.4	216.7	212.4	207.7	202.8	197.4	191.5	185.4	179.3	172.8	165.9
20°	263.3	259.1	254.8	249.9	244.6	238.8	232.2	224.9	217.0	208.8	200.5
22.5°	306.5	302.4	297.4	291.4	284.5	277.6	270.9	263.7	256.1	246.3	236.1
25°	351.2	346.4	340.9	334.7	327.7	319.7	311.0	301.7	292.9	283.4	274.3
27.5°	394.3	389.0	383.4	376.9	369.5	361.4	354.3	342.0	330.3	318.0	305.8
30°	435.1	430.4	425.8	417.8	409.9	400.9	391.0	380.6	369.1	355.1	340.0
32.5°	476.2	471.1	465.0	457.5	449.1	439.0	428.0	416.4	404.5	391.8	375.9
35°	517.1	511.8	504.9	497.0	488.0	477.1	464.6	451.7	437.7	423.7	409.3
37.5°	556.4	550.2	543.1	536.1	525.2	513.8	500.3	486.6	471.9	455.6	439.5
40°	595.5	588.1	580.1	571.0	560.2	547.8	533.7	519.1	504.5	488.0	470.2
42.5°	630.8	623.6	615.1	605.5	596.6	581.9	567.1	551.8	536.3	518.7	499.9
45°	665.1	656.8	647.5	637.6	626.3	613.6	598.4	582.3	565.9	548.1	527.9
47.5°	698.4	689.3	679.1	668.7	656.7	642.9	628.5	611.9	594.0	575.6	555.2
50°	732.6	723.1	710.0	698.8	688.1	672.1	656.5	640.6	621.6	601.7	580.8
52.5°	758.5	750.2	738.2	726.7	714.4	701.2	684.0	667.1	649.0	627.3	605.0
55°	784.3	776.1	764.7	752.4	740.4	725.8	709.7	693.5	672.6	650.7	628.9
57.5°	808.8	800.4	789.9	777.4	764.7	750.1	732.9	714.7	695.0	673.4	649.2
60°	833.1	824.2	813.3	800.6	787.4	772.3	755.4	736.1	715.3	693.1	669.6
62.5°	855.6	846.5	835.5	822.8	808.3	792.9	775.3	756.1	735.0	711.6	687.6
65°	876.8	867.8	856.3	843.7	828.4	811.6	793.4	774.1	751.9	728.3	703.7
67.5°	896.7	887.7	875.1	861.5	847.1	829.5	810.3	789.8	767.4	743.7	718.5
70°	914.1	904.3	892.9	877.1	861.9	844.9	825.5	804.6	782.5	758.1	732.5
72.5°	930.0	919.0	906.9	892.1	875.5	858.1	838.8	818.4	794.8	770.3	743.7
75°	942.8	931.8	919.1	905.2	887.8	869.6	850.1	828.0	804.4	780.3	753.6
77.5°	953.2	942.1	929.0	914.3	897.3	878.9	858.9	837.0	813.3	788.4	761.7
80°	961.2	950.4	937.0	922.2	906.0	886.8	865.8	844.1	820.8	795.4	768.2
82.5°	967.6	956.0	942.7	927.7	911.1	891.7	870.8	849.5	826.6	801.2	773.3
85°	970.9	959.9	946.1	931.1	913.8	894.5	874.1	852.6	828.2	803.3	776.4
87.5°	972.3	962.0	948.9	933.1	915.8	896.2	876.7	855.1	830.4	805.0	778.6
90°	971.9	961.2	949.7	932.4	915.1	896.2	877.3	855.1	832.1	805.0	778.6
92.5°	972.3	962.0	948.9	933.1	915.8	896.2	876.7	855.1	830.4	805.0	778.6
95°	970.9	959.9	946.1	931.1	913.8	894.5	874.1	852.6	828.2	803.3	776.4
97.5°	967.6	956.0	942.7	927.7	911.1	891.7	870.8	849.5	826.6	801.2	773.3
100°	961.2	950.4	937.0	922.2	906.0	886.8	865.8	844.1	820.8	795.4	768.2
102.5°	953.2	942.1	929.0	914.3	897.3	878.9	858.9	837.0	813.3	788.4	761.7
105°	942.8	931.8	919.1	905.2	887.8	869.6	850.1	828.0	804.4	780.3	753.6
107.5°	930.0	919.0	906.9	892.1	875.5	858.1	838.8	818.4	794.8	770.3	743.7
110°	914.1	904.3	892.9	877.1	861.9	844.9	825.5	804.6	782.5	758.1	732.5



TEST NUMBER: P231998

CATALOG NUMBER: FVS4WM-4-LD4-40-2STD-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°	896.7	887.7	875.1	861.5	847.1	829.5	810.3	789.8	767.4	743.7	718.5
115°	876.8	867.8	856.3	843.7	828.4	811.6	793.4	774.1	751.9	728.3	703.7
117.5°	855.6	846.5	835.5	822.8	808.3	792.9	775.3	756.1	735.0	711.6	687.6
120°	833.1	824.2	813.3	800.6	787.4	772.3	755.4	736.1	715.3	693.1	669.6
122.5°	808.8	800.4	789.9	777.4	764.7	750.1	732.9	714.7	695.0	673.4	649.2
125°	784.3	776.1	764.7	752.4	740.4	725.8	709.7	693.5	672.6	650.7	628.9
127.5°	758.5	750.2	738.2	726.7	714.4	701.2	684.0	667.1	649.0	627.3	605.0
130°	732.6	723.1	710.0	698.8	688.1	672.1	656.5	640.6	621.6	601.7	580.8
132.5°	698.4	689.3	679.1	668.7	656.7	642.9	628.5	611.9	594.0	575.6	555.2
135°	665.1	656.8	647.5	637.6	626.3	613.6	598.4	582.3	565.9	548.1	527.9
137.5°	630.8	623.6	615.1	605.5	596.6	581.9	567.1	551.8	536.3	518.7	499.9
140°	595.5	588.1	580.1	571.0	560.2	547.8	533.7	519.1	504.5	488.0	470.2
142.5°	556.4	550.2	543.1	536.1	525.2	513.8	500.3	486.6	471.9	455.6	439.5
145°	517.1	511.8	504.9	497.0	488.0	477.1	464.6	451.7	437.7	423.7	409.3
147.5°	476.2	471.1	465.0	457.5	449.1	439.0	428.0	416.4	404.5	391.8	375.9
150°	435.1	430.4	425.8	417.8	409.9	400.9	391.0	380.6	369.1	355.1	340.0
152.5°	394.3	389.0	383.4	376.9	369.5	361.4	354.3	342.0	330.3	318.0	305.8
155°	351.2	346.4	340.9	334.7	327.7	319.7	311.0	301.7	292.9	283.4	274.3
157.5°	306.5	302.4	297.4	291.4	284.5	277.6	270.9	263.7	256.1	246.3	236.1
160°	263.3	259.1	254.8	249.9	244.6	238.8	232.2	224.9	217.0	208.8	200.5
162.5°	220.4	216.7	212.4	207.7	202.8	197.4	191.5	185.4	179.3	172.8	165.9
165°	176.9	173.7	169.9	165.8	161.3	156.4	151.5	146.6	141.3	136.6	131.5
167.5°	135.1	132.6	129.7	126.3	122.8	119.6	116.1	112.4	108.6	104.5	100.3
170°	96.1	93.4	91.7	89.6	87.3	84.8	82.3	79.8	77.1	74.1	70.8
172.5°	61.9	60.5	58.9	57.2	55.3	53.3	50.9	49.4	47.4	45.7	44.1
175°	33.2	32.5	31.8	31.0	30.1	29.2	28.1	26.9	25.7	24.4	23.0
177.5°	11.0	11.0	11.0	10.9	10.8	10.7	10.6	10.5	10.3	10.1	9.9
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: P231998

CATALOG NUMBER: FVS4WM-4-LD4-40-2STD-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°	9.7	9.5	9.2	8.9	8.7	8.3	8.0	7.7	7.3	7.0	6.6
5°	21.5	20.0	18.4	17.8	17.3	16.6	16.0	15.3	14.6	13.9	13.2
7.5°	42.3	40.5	38.5	36.5	34.3	32.1	29.7	28.6	27.8	26.8	25.8
10°	67.2	63.4	59.6	56.8	54.0	51.2	48.2	45.1	41.9	40.3	38.8
12.5°	95.8	91.1	86.2	81.1	75.9	71.5	68.0	64.2	60.3	56.1	53.5
15°	125.7	119.4	113.6	107.1	101.2	95.2	89.0	84.1	79.2	74.1	68.7
17.5°	159.7	150.9	142.6	134.0	126.0	119.5	112.5	105.2	99.0	93.0	86.7
20°	191.9	182.7	173.2	164.1	154.7	145.2	136.9	128.2	119.1	112.0	104.8
22.5°	225.1	214.5	203.5	192.2	181.9	171.4	160.3	150.5	140.5	130.9	122.9
25°	260.2	247.5	234.9	222.5	209.7	197.0	184.0	171.1	160.8	150.3	141.0
27.5°	292.7	279.2	265.8	252.3	238.2	223.3	208.5	193.5	180.4	168.4	157.0
30°	325.3	310.6	296.0	281.1	265.4	248.9	232.0	216.5	201.6	186.8	172.5
32.5°	359.0	342.8	327.0	310.6	293.1	274.7	255.9	238.3	221.3	205.2	189.5
35°	392.4	373.9	356.0	337.9	319.0	299.5	279.8	260.7	241.4	223.2	206.7
37.5°	422.9	404.1	384.3	364.5	345.4	323.5	302.5	281.4	261.0	240.5	222.7
40°	451.9	432.8	412.3	391.1	368.8	346.4	323.8	302.0	280.2	258.3	238.4
42.5°	480.2	460.0	439.0	417.0	393.7	369.4	345.0	321.3	297.9	275.0	253.3
45°	507.3	486.3	463.9	440.7	416.7	390.8	365.3	340.2	314.7	290.7	267.8
47.5°	533.2	510.7	487.2	464.4	438.1	411.8	384.9	358.9	331.7	305.4	281.0
50°	558.4	534.9	510.0	484.4	458.3	431.5	403.8	376.9	348.6	319.9	294.0
52.5°	581.9	557.8	531.9	505.2	477.9	450.1	421.6	393.0	363.5	333.0	306.2
55°	604.1	579.4	553.0	525.3	496.0	467.1	437.5	407.3	376.7	345.8	318.0
57.5°	624.6	599.3	573.2	544.8	514.1	483.2	452.9	421.6	389.4	357.3	328.3
60°	644.4	618.0	589.4	560.9	530.2	497.6	467.0	435.9	402.1	368.2	338.1
62.5°	661.5	634.3	605.0	575.1	545.7	511.4	479.8	447.6	413.5	379.2	347.5
65°	677.4	649.7	620.4	589.7	558.7	525.2	491.6	457.4	423.6	389.7	356.9
67.5°	691.6	663.8	634.6	604.4	570.6	537.1	502.5	467.5	432.5	398.0	364.7
70°	704.7	676.0	646.5	614.5	581.5	546.9	511.9	477.2	441.1	405.3	372.1
72.5°	716.5	687.0	657.2	624.3	590.8	556.3	519.8	484.5	448.1	411.7	378.1
75°	725.8	696.8	665.9	632.4	598.6	564.5	527.0	490.2	454.2	417.7	383.7
77.5°	733.6	705.0	673.8	639.2	604.6	570.3	532.5	495.1	458.7	421.8	387.1
80°	739.4	710.7	678.7	645.0	608.8	574.1	536.7	499.5	462.4	425.4	390.0
82.5°	743.8	715.2	682.3	649.8	613.2	578.4	540.1	503.1	466.4	428.4	394.2
85°	746.9	717.6	684.9	653.3	617.3	584.2	544.1	507.1	470.9	431.6	396.2
87.5°	749.0	718.7	686.9	654.6	618.7	583.5	545.5	507.7	471.5	433.3	395.9
90°	749.0	717.8	687.4	653.7	618.3	582.1	546.8	508.1	472.0	435.0	395.5
92.5°	749.0	718.7	686.9	654.6	618.7	583.5	545.5	507.7	471.5	433.3	395.9
95°	746.9	717.6	684.9	653.3	617.3	584.2	544.1	507.1	470.9	431.6	396.2
97.5°	743.8	715.2	682.3	649.8	613.2	578.4	540.1	503.1	466.4	428.4	394.2
100°	739.4	710.7	678.7	645.0	608.8	574.1	536.7	499.5	462.4	425.4	390.0
102.5°	733.6	705.0	673.8	639.2	604.6	570.3	532.5	495.1	458.7	421.8	387.1
105°	725.8	696.8	665.9	632.4	598.6	564.5	527.0	490.2	454.2	417.7	383.7
107.5°	716.5	687.0	657.2	624.3	590.8	556.3	519.8	484.5	448.1	411.7	378.1
110°	704.7	676.0	646.5	614.5	581.5	546.9	511.9	477.2	441.1	405.3	372.1



TEST NUMBER: P231998

CATALOG NUMBER: FVS4WM-4-LD4-40-2STD-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
112.5°	691.6	663.8	634.6	604.4	570.6	537.1	502.5	467.5	432.5	398.0	364.7
115°	677.4	649.7	620.4	589.7	558.7	525.2	491.6	457.4	423.6	389.7	356.9
117.5°	661.5	634.3	605.0	575.1	545.7	511.4	479.8	447.6	413.5	379.2	347.5
120°	644.4	618.0	589.4	560.9	530.2	497.6	467.0	435.9	402.1	368.2	338.1
122.5°	624.6	599.3	573.2	544.8	514.1	483.2	452.9	421.6	389.4	357.3	328.3
125°	604.1	579.4	553.0	525.3	496.0	467.1	437.5	407.3	376.7	345.8	318.0
127.5°	581.9	557.8	531.9	505.2	477.9	450.1	421.6	393.0	363.5	333.0	306.2
130°	558.4	534.9	510.0	484.4	458.3	431.5	403.8	376.9	348.6	319.9	294.0
132.5°	533.2	510.7	487.2	464.4	438.1	411.8	384.9	358.9	331.7	305.4	281.0
135°	507.3	486.3	463.9	440.7	416.7	390.8	365.3	340.2	314.7	290.7	267.8
137.5°	480.2	460.0	439.0	417.0	393.7	369.4	345.0	321.3	297.9	275.0	253.3
140°	451.9	432.8	412.3	391.1	368.8	346.4	323.8	302.0	280.2	258.3	238.4
142.5°	422.9	404.1	384.3	364.5	345.4	323.5	302.5	281.4	261.0	240.5	222.7
145°	392.4	373.9	356.0	337.9	319.0	299.5	279.8	260.7	241.4	223.2	206.7
147.5°	359.0	342.8	327.0	310.6	293.1	274.7	255.9	238.3	221.3	205.2	189.5
150°	325.3	310.6	296.0	281.1	265.4	248.9	232.0	216.5	201.6	186.8	172.5
152.5°	292.7	279.2	265.8	252.3	238.2	223.3	208.5	193.5	180.4	168.4	157.0
155°	260.2	247.5	234.9	222.5	209.7	197.0	184.0	171.1	160.8	150.3	141.0
157.5°	225.1	214.5	203.5	192.2	181.9	171.4	160.3	150.5	140.5	130.9	122.9
160°	191.9	182.7	173.2	164.1	154.7	145.2	136.9	128.2	119.1	112.0	104.8
162.5°	159.7	150.9	142.6	134.0	126.0	119.5	112.5	105.2	99.0	93.0	86.7
165°	125.7	119.4	113.6	107.1	101.2	95.2	89.0	84.1	79.2	74.1	68.7
167.5°	95.8	91.1	86.2	81.1	75.9	71.5	68.0	64.2	60.3	56.1	53.5
170°	67.2	63.4	59.6	56.8	54.0	51.2	48.2	45.1	41.9	40.3	38.8
172.5°	42.3	40.5	38.5	36.5	34.3	32.1	29.7	28.6	27.8	26.8	25.8
175°	21.5	20.0	18.4	17.8	17.3	16.6	16.0	15.3	14.6	13.9	13.2
177.5°	9.7	9.5	9.2	8.9	8.7	8.3	8.0	7.7	7.3	7.0	6.6
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: P231998

CATALOG NUMBER: FVS4WM-4-LD4-40-2STD-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°	6.2	5.8	5.4	5.0	4.9	4.9	4.8	4.8	4.7	4.7	4.6
5°	12.4	11.6	10.7	9.9	9.8	9.7	9.6	9.4	9.3	9.1	8.9
7.5°	24.7	23.5	22.3	21.0	20.7	20.4	20.1	19.6	19.2	18.6	18.0
10°	37.3	35.6	33.9	32.1	31.6	31.1	30.4	29.7	29.0	28.2	27.4
12.5°	51.6	49.6	47.5	45.3	44.6	43.8	42.8	41.8	40.8	39.8	38.7
15°	66.0	63.6	61.1	58.4	57.5	56.4	55.2	54.0	52.9	51.7	50.4
17.5°	81.5	78.7	75.6	72.4	71.3	70.0	68.6	67.3	65.9	64.4	62.7
20°	97.5	93.8	90.1	86.3	85.1	83.7	82.1	80.6	78.9	77.2	75.0
22.5°	114.7	109.0	104.7	100.3	98.8	97.0	95.3	93.6	91.8	89.6	87.3
25°	131.8	124.2	119.4	114.3	112.5	110.4	108.5	106.7	104.5	102.0	99.3
27.5°	147.4	138.3	133.0	127.5	125.4	123.2	121.3	119.4	116.9	114.2	111.1
30°	162.5	152.4	146.6	140.6	138.4	136.0	134.1	132.0	129.3	126.3	123.1
32.5°	177.4	166.4	159.6	153.4	150.8	148.2	146.2	143.9	141.1	137.9	134.5
35°	192.4	180.3	172.6	166.1	163.2	160.3	158.3	155.7	152.7	149.2	145.4
37.5°	206.3	193.4	184.5	177.6	174.3	171.3	169.2	166.5	163.6	159.7	155.7
40°	220.0	206.4	196.4	189.1	185.3	182.2	180.0	177.1	173.8	169.9	165.7
42.5°	232.8	218.5	207.5	199.8	195.8	192.6	190.1	187.3	183.8	179.7	175.3
45°	246.2	230.4	218.5	210.5	206.3	202.9	200.1	197.6	193.5	188.9	184.2
47.5°	258.5	241.2	228.3	220.0	215.6	212.2	209.5	206.9	202.5	197.8	192.8
50°	270.6	251.9	238.1	229.4	224.9	221.5	218.7	216.0	211.3	206.4	201.3
52.5°	282.2	262.5	247.7	238.1	233.4	230.0	227.1	223.9	219.2	214.4	209.2
55°	293.5	273.1	257.3	246.7	241.9	238.4	235.3	231.6	226.9	221.9	216.3
57.5°	303.1	281.7	264.7	254.1	248.8	245.4	242.2	238.4	233.6	228.4	223.1
60°	312.4	290.3	272.1	261.5	255.7	252.2	249.0	245.0	239.9	234.5	230.0
62.5°	320.0	296.7	278.9	267.7	262.1	258.4	254.8	250.7	245.7	240.3	235.2
65°	327.5	302.8	285.7	273.8	268.5	264.5	260.5	256.4	251.4	245.7	240.0
67.5°	333.8	308.4	290.1	278.8	273.0	269.3	265.6	261.2	255.8	250.1	244.3
70°	339.8	313.9	294.5	283.7	277.5	274.1	270.8	265.6	260.0	254.2	248.4
72.5°	345.1	318.3	298.7	287.4	281.1	277.7	274.1	269.4	263.6	257.7	251.7
75°	350.4	322.5	303.4	291.1	284.7	281.3	277.4	273.2	267.0	261.1	254.8
77.5°	353.8	325.4	305.8	293.6	287.1	283.8	279.7	275.3	269.0	263.5	256.8
80°	357.1	328.9	308.3	296.0	289.5	286.2	282.1	277.3	270.8	265.7	258.6
82.5°	360.5	330.9	309.9	297.7	290.7	287.4	283.3	278.5	272.3	266.6	260.0
85°	362.6	333.0	311.6	299.3	291.9	288.6	284.5	279.6	273.8	267.3	261.5
87.5°	362.6	333.4	312.0	299.3	292.3	289.0	284.9	280.0	273.8	267.6	261.5
90°	362.6	333.8	312.4	299.3	292.7	289.4	285.3	280.4	273.8	268.0	261.5
92.5°	362.6	333.4	312.0	299.3	292.3	289.0	284.9	280.0	273.8	267.6	261.5
95°	362.6	333.0	311.6	299.3	291.9	288.6	284.5	279.6	273.8	267.3	261.5
97.5°	360.5	330.9	309.9	297.7	290.7	287.4	283.3	278.5	272.3	266.6	260.0
100°	357.1	328.9	308.3	296.0	289.5	286.2	282.1	277.3	270.8	265.7	258.6
102.5°	353.8	325.4	305.8	293.6	287.1	283.8	279.7	275.3	269.0	263.5	256.8
105°	350.4	322.5	303.4	291.1	284.7	281.3	277.4	273.2	267.0	261.1	254.8
107.5°	345.1	318.3	298.7	287.4	281.1	277.7	274.1	269.4	263.6	257.7	251.7
110°	339.8	313.9	294.5	283.7	277.5	274.1	270.8	265.6	260.0	254.2	248.4



TEST NUMBER: P231998

CATALOG NUMBER: FVS4WM-4-LD4-40-2STD-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°	333.8	308.4	290.1	278.8	273.0	269.3	265.6	261.2	255.8	250.1	244.3
115°	327.5	302.8	285.7	273.8	268.5	264.5	260.5	256.4	251.4	245.7	240.0
117.5°	320.0	296.7	278.9	267.7	262.1	258.4	254.8	250.7	245.7	240.3	235.2
120°	312.4	290.3	272.1	261.5	255.7	252.2	249.0	245.0	239.9	234.5	230.0
122.5°	303.1	281.7	264.7	254.1	248.8	245.4	242.2	238.4	233.6	228.4	223.1
125°	293.5	273.1	257.3	246.7	241.9	238.4	235.3	231.6	226.9	221.9	216.3
127.5°	282.2	262.5	247.7	238.1	233.4	230.0	227.1	223.9	219.2	214.4	209.2
130°	270.6	251.9	238.1	229.4	224.9	221.5	218.7	216.0	211.3	206.4	201.3
132.5°	258.5	241.2	228.3	220.0	215.6	212.2	209.5	206.9	202.5	197.8	192.8
135°	246.2	230.4	218.5	210.5	206.3	202.9	200.1	197.6	193.5	188.9	184.2
137.5°	232.8	218.5	207.5	199.8	195.8	192.6	190.1	187.3	183.8	179.7	175.3
140°	220.0	206.4	196.4	189.1	185.3	182.2	180.0	177.1	173.8	169.9	165.7
142.5°	206.3	193.4	184.5	177.6	174.3	171.3	169.2	166.5	163.6	159.7	155.7
145°	192.4	180.3	172.6	166.1	163.2	160.3	158.3	155.7	152.7	149.2	145.4
147.5°	177.4	166.4	159.6	153.4	150.8	148.2	146.2	143.9	141.1	137.9	134.5
150°	162.5	152.4	146.6	140.6	138.4	136.0	134.1	132.0	129.3	126.3	123.1
152.5°	147.4	138.3	133.0	127.5	125.4	123.2	121.3	119.4	116.9	114.2	111.1
155°	131.8	124.2	119.4	114.3	112.5	110.4	108.5	106.7	104.5	102.0	99.3
157.5°	114.7	109.0	104.7	100.3	98.8	97.0	95.3	93.6	91.8	89.6	87.3
160°	97.5	93.8	90.1	86.3	85.1	83.7	82.1	80.6	78.9	77.2	75.0
162.5°	81.5	78.7	75.6	72.4	71.3	70.0	68.6	67.3	65.9	64.4	62.7
165°	66.0	63.6	61.1	58.4	57.5	56.4	55.2	54.0	52.9	51.7	50.4
167.5°	51.6	49.6	47.5	45.3	44.6	43.8	42.8	41.8	40.8	39.8	38.7
170°	37.3	35.6	33.9	32.1	31.6	31.1	30.4	29.7	29.0	28.2	27.4
172.5°	24.7	23.5	22.3	21.0	20.7	20.4	20.1	19.6	19.2	18.6	18.0
175°	12.4	11.6	10.7	9.9	9.8	9.7	9.6	9.4	9.3	9.1	8.9
177.5°	6.2	5.8	5.4	4.9	4.9	4.9	4.8	4.8	4.7	4.7	4.6
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P231998

CATALOG NUMBER: FVS4WM-4-LD4-40-2STD-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°	4.5	4.4	4.3	4.2	4.1	4.0	3.8	3.7	3.6	3.4	3.3
5°	8.7	8.5	8.3	8.0	7.8	7.5	7.3	7.0	6.7	6.4	6.1
7.5°	17.5	16.8	16.1	15.4	14.7	13.9	13.1	12.2	11.3	10.4	9.4
10°	26.6	25.7	24.8	23.8	22.8	21.7	20.6	19.4	18.1	16.9	15.6
12.5°	37.5	36.2	34.7	33.2	31.5	29.8	28.0	26.2	24.8	23.3	21.8
15°	49.0	47.2	45.4	43.5	41.5	39.6	37.5	35.5	33.3	31.1	28.6
17.5°	60.7	58.6	56.3	54.0	51.7	49.3	46.9	44.3	41.5	38.7	35.9
20°	72.8	70.4	67.9	65.3	62.6	59.5	56.3	53.0	49.7	46.3	43.3
22.5°	84.8	82.1	79.3	76.3	72.9	69.4	65.8	62.3	58.7	55.0	51.1
25°	96.4	93.3	90.1	86.8	83.2	79.4	75.5	71.5	67.4	63.2	58.9
27.5°	107.9	104.5	101.2	97.8	93.8	89.6	85.2	80.6	76.0	71.3	66.3
30°	119.6	115.9	112.0	107.9	103.6	99.0	94.1	89.1	84.2	79.1	73.6
32.5°	130.8	126.6	122.3	117.7	112.9	107.9	102.9	97.8	92.5	86.6	80.7
35°	141.2	136.9	132.3	127.4	122.2	117.1	112.1	106.5	100.3	94.0	87.9
37.5°	151.5	147.1	142.4	136.9	131.3	126.1	120.4	114.1	107.8	101.2	94.7
40°	161.3	156.4	151.2	145.7	140.3	134.7	128.1	121.5	114.8	108.1	101.4
42.5°	170.6	165.4	160.0	154.4	148.6	142.2	135.4	128.8	121.9	115.1	107.7
45°	179.1	173.8	168.3	162.5	156.3	149.7	142.8	135.8	128.7	121.3	113.6
47.5°	187.7	182.3	176.5	170.2	163.3	156.4	149.6	142.3	135.1	127.4	118.9
50°	196.0	190.2	184.0	177.3	170.0	163.3	155.9	148.3	140.7	132.5	123.9
52.5°	203.8	197.8	191.6	184.2	176.7	169.5	161.9	154.0	146.1	137.7	129.0
55°	210.5	204.5	198.1	190.4	182.9	175.5	167.7	159.4	151.1	142.5	133.7
57.5°	217.1	211.0	204.3	196.4	188.6	180.8	172.7	164.3	155.9	147.1	137.8
60°	223.2	216.7	209.5	201.8	193.8	185.8	177.7	168.8	159.9	150.9	141.6
62.5°	228.8	222.1	214.7	207.0	198.6	190.3	181.9	172.8	163.8	154.6	144.8
65°	233.6	226.4	218.9	211.2	202.8	194.6	185.8	176.6	167.4	157.6	147.3
67.5°	237.9	230.5	223.0	215.3	206.8	198.3	189.0	179.8	170.4	160.0	149.4
70°	241.7	234.2	226.6	218.6	209.9	201.3	192.1	182.6	173.2	162.2	151.7
72.5°	244.9	237.3	229.9	221.7	213.0	204.2	194.7	184.7	174.8	164.0	153.9
75°	247.6	239.7	232.0	223.6	214.9	206.2	196.6	186.5	176.2	165.9	155.8
77.5°	249.6	241.5	233.9	225.3	216.8	208.0	198.4	188.0	177.5	166.9	156.1
80°	251.2	243.1	235.6	226.7	217.9	208.8	199.2	188.7	178.3	167.4	156.5
82.5°	252.3	244.2	236.5	227.6	218.7	209.5	199.9	189.3	178.7	167.9	157.1
85°	253.3	245.1	237.0	228.0	219.6	209.9	200.6	189.4	179.2	168.6	157.3
87.5°	253.7	245.1	237.2	227.9	220.0	210.2	200.7	189.6	179.4	168.8	157.3
90°	254.1	245.0	237.6	227.8	220.4	210.5	200.6	189.9	179.2	168.6	157.0
92.5°	253.7	245.1	237.2	227.9	220.0	210.2	200.7	189.6	179.4	168.8	157.3
95°	253.3	245.1	237.0	228.0	219.6	209.9	200.6	189.4	179.2	168.6	157.3
97.5°	252.3	244.2	236.5	227.6	218.7	209.5	199.9	189.3	178.7	167.9	157.1
100°	251.2	243.1	235.6	226.7	217.9	208.8	199.2	188.7	178.3	167.4	156.5
102.5°	249.6	241.5	233.9	225.3	216.8	208.0	198.4	188.0	177.5	166.9	156.1
105°	247.6	239.7	232.0	223.6	214.9	206.2	196.6	186.5	176.2	165.9	155.8
107.5°	244.9	237.3	229.9	221.7	213.0	204.2	194.7	184.7	174.8	164.0	153.9
110°	241.7	234.2	226.6	218.6	209.9	201.3	192.1	182.6	173.2	162.2	151.7



TEST NUMBER: P231998

CATALOG NUMBER: FVS4WM-4-LD4-40-2STD-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
112.5°	237.9	230.5	223.0	215.3	206.8	198.3	189.0	179.8	170.4	160.0	149.4
115°	233.6	226.4	218.9	211.2	202.8	194.6	185.8	176.6	167.4	157.6	147.3
117.5°	228.8	222.1	214.7	207.0	198.6	190.3	181.9	172.8	163.8	154.6	144.8
120°	223.2	216.7	209.5	201.8	193.8	185.8	177.7	168.8	159.9	150.9	141.6
122.5°	217.1	211.0	204.3	196.4	188.6	180.8	172.7	164.3	155.9	147.1	137.8
125°	210.5	204.5	198.1	190.4	182.9	175.5	167.7	159.4	151.1	142.5	133.7
127.5°	203.8	197.8	191.6	184.2	176.7	169.5	161.9	154.0	146.1	137.7	129.0
130°	196.0	190.2	184.0	177.3	170.0	163.3	155.9	148.3	140.7	132.5	123.9
132.5°	187.7	182.3	176.5	170.2	163.3	156.4	149.6	142.3	135.1	127.4	118.9
135°	179.1	173.8	168.3	162.5	156.3	149.7	142.8	135.8	128.7	121.3	113.6
137.5°	170.6	165.4	160.0	154.4	148.6	142.2	135.4	128.8	121.9	115.1	107.7
140°	161.3	156.4	151.2	145.7	140.3	134.7	128.1	121.5	114.8	108.1	101.4
142.5°	151.5	147.1	142.4	136.9	131.3	126.1	120.4	114.1	107.8	101.2	94.7
145°	141.2	136.9	132.3	127.4	122.2	117.1	112.1	106.5	100.3	94.0	87.9
147.5°	130.8	126.6	122.3	117.7	112.9	107.9	102.9	97.8	92.5	86.6	80.7
150°	119.6	115.9	112.0	107.9	103.6	99.0	94.1	89.1	84.2	79.1	73.6
152.5°	107.9	104.5	101.2	97.8	93.8	89.6	85.2	80.6	76.0	71.3	66.3
155°	96.4	93.3	90.1	86.8	83.2	79.4	75.5	71.5	67.4	63.2	58.9
157.5°	84.8	82.1	79.3	76.3	72.9	69.4	65.8	62.3	58.7	55.0	51.1
160°	72.8	70.4	67.9	65.3	62.6	59.5	56.3	53.0	49.7	46.3	43.3
162.5°	60.7	58.6	56.3	54.0	51.7	49.3	46.9	44.3	41.5	38.7	35.9
165°	49.0	47.2	45.4	43.5	41.5	39.6	37.5	35.5	33.3	31.1	28.6
167.5°	37.5	36.2	34.7	33.2	31.5	29.8	28.0	26.2	24.8	23.3	21.8
170°	26.6	25.7	24.8	23.8	22.8	21.7	20.6	19.4	18.1	16.9	15.6
172.5°	17.5	16.8	16.1	15.4	14.7	13.9	13.1	12.2	11.3	10.4	9.4
175°	8.7	8.5	8.3	8.0	7.8	7.5	7.3	7.0	6.7	6.4	6.1
177.5°	4.5	4.4	4.3	4.2	4.1	4.0	3.8	3.7	3.6	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: P231998

CATALOG NUMBER: FVS4WM-4-LD4-40-2STD-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°	3.1	3.0	2.8	2.6	2.5	2.3	2.1	1.9	1.7	1.5	1.4
5°	5.8	5.5	5.2	4.9	4.5	4.2	3.9	3.5	3.2	2.8	2.5
7.5°	8.0	7.7	7.2	6.8	6.3	5.8	5.3	4.9	4.4	3.9	3.4
10°	14.2	12.9	11.5	10.1	8.7	7.0	6.5	5.9	5.3	4.7	4.1
12.5°	20.2	18.5	16.8	15.0	13.1	11.3	9.4	7.5	5.9	5.2	4.6
15°	26.0	23.7	21.6	19.4	17.2	15.1	13.0	10.9	8.7	6.6	5.3
17.5°	33.0	30.0	27.0	23.8	21.1	18.8	16.4	14.0	11.6	9.1	6.6
20°	40.0	36.6	33.2	29.7	26.3	22.8	19.8	16.9	14.1	11.2	8.4
22.5°	47.0	42.8	39.1	35.3	31.4	27.4	23.3	19.3	16.2	13.1	10.0
25°	54.4	49.8	45.3	40.7	36.3	31.8	27.3	22.8	18.4	15.0	11.7
27.5°	61.4	56.3	51.2	46.1	41.0	35.9	31.2	26.6	21.9	16.8	13.3
30°	68.1	62.5	57.1	51.7	46.2	40.4	34.6	29.5	24.5	19.5	14.6
32.5°	75.0	69.3	63.4	56.9	51.1	44.9	38.9	32.6	27.6	22.0	16.5
35°	82.0	75.5	69.0	62.4	55.8	49.3	42.9	36.5	30.1	24.2	18.3
37.5°	88.1	81.3	74.2	67.4	60.4	53.4	46.4	39.6	32.9	26.2	20.0
40°	94.4	87.0	79.7	72.2	64.8	57.4	50.0	42.5	35.1	27.8	21.0
42.5°	100.1	92.5	84.8	77.0	69.1	61.1	53.0	44.9	37.0	29.7	22.5
45°	105.7	97.7	89.6	81.5	72.9	64.3	55.8	47.3	38.9	30.9	23.4
47.5°	110.8	102.5	94.0	85.2	76.4	67.5	58.2	49.1	40.4	32.1	24.4
50°	115.8	107.1	98.1	88.8	79.5	69.5	59.7	50.7	42.2	33.4	25.5
52.5°	120.5	111.8	102.1	92.1	82.1	71.6	61.4	52.1	42.9	34.2	26.2
55°	124.6	115.1	105.3	94.6	84.1	73.4	63.3	53.6	44.1	35.4	27.0
57.5°	128.2	118.3	108.0	97.2	86.4	75.2	64.7	54.5	44.9	35.9	27.3
60°	132.0	121.5	110.9	99.8	88.1	76.7	66.0	55.8	45.9	36.8	27.8
62.5°	134.8	124.5	113.9	102.1	89.9	78.0	66.9	56.4	46.2	36.8	28.3
65°	137.6	127.3	116.3	104.5	91.4	79.0	67.7	57.0	46.7	36.8	28.0
67.5°	139.5	129.4	118.7	106.7	93.3	80.2	68.4	57.5	46.9	37.2	28.2
70°	141.3	131.0	120.6	108.7	95.0	81.7	68.9	57.4	46.5	36.9	27.7
72.5°	143.4	132.9	121.7	109.9	96.8	83.1	69.8	57.7	46.3	36.3	27.0
75°	144.4	133.7	122.1	111.0	98.8	84.7	70.7	58.0	46.6	35.8	26.6
77.5°	145.1	133.9	122.8	111.9	99.9	86.4	72.3	58.6	46.6	35.5	25.6
80°	145.6	134.3	122.8	111.7	99.9	87.7	74.5	60.0	46.5	34.6	24.7
82.5°	145.8	134.3	122.3	111.4	99.4	87.2	75.0	61.8	47.4	34.2	23.2
85°	145.8	134.3	122.3	111.0	98.1	86.4	74.3	62.0	49.3	35.7	22.6
87.5°	146.0	134.3	122.8	110.7	97.5	85.9	73.7	61.2	49.1	36.9	24.5
90°	146.4	134.0	122.5	111.0	97.0	86.3	73.2	60.8	49.3	36.2	24.7
92.5°	146.0	134.3	122.8	110.7	97.5	85.9	73.7	61.2	49.1	36.9	24.5
95°	145.8	134.3	122.3	111.0	98.1	86.4	74.3	62.0	49.3	35.7	22.6
97.5°	145.8	134.3	122.3	111.4	99.4	87.2	75.0	61.8	47.4	34.2	23.2
100°	145.6	134.3	122.8	111.7	99.9	87.7	74.5	60.0	46.5	34.6	24.7
102.5°	145.1	133.9	122.8	111.9	99.9	86.4	72.3	58.6	46.6	35.5	25.6
105°	144.4	133.7	122.1	111.0	98.8	84.7	70.7	58.0	46.6	35.8	26.6
107.5°	143.4	132.9	121.7	109.9	96.8	83.1	69.8	57.7	46.3	36.3	27.0
110°	141.3	131.0	120.6	108.7	95.0	81.7	68.9	57.4	46.5	36.9	27.7



TEST NUMBER: P231998

CATALOG NUMBER: FVS4WM-4-LD4-40-2STD-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°	139.5	129.4	118.7	106.7	93.3	80.2	68.4	57.5	46.9	37.2	28.2
115°	137.6	127.3	116.3	104.5	91.4	79.0	67.7	57.0	46.7	36.8	28.0
117.5°	134.8	124.5	113.9	102.1	89.9	78.0	66.9	56.4	46.2	36.8	28.3
120°	132.0	121.5	110.9	99.8	88.1	76.7	66.0	55.8	45.9	36.8	27.8
122.5°	128.2	118.3	108.0	97.2	86.4	75.2	64.7	54.5	44.9	35.9	27.3
125°	124.6	115.1	105.3	94.6	84.1	73.4	63.3	53.6	44.1	35.4	27.0
127.5°	120.5	111.8	102.1	92.1	82.1	71.6	61.4	52.1	42.9	34.2	26.2
130°	115.8	107.1	98.1	88.8	79.5	69.5	59.7	50.7	42.2	33.4	25.5
132.5°	110.8	102.5	94.0	85.2	76.4	67.5	58.2	49.1	40.4	32.1	24.4
135°	105.7	97.7	89.6	81.5	72.9	64.3	55.8	47.3	38.9	30.9	23.4
137.5°	100.1	92.5	84.8	77.0	69.1	61.1	53.0	44.9	37.0	29.7	22.5
140°	94.4	87.0	79.7	72.2	64.8	57.4	50.0	42.5	35.1	27.8	21.0
142.5°	88.1	81.3	74.2	67.4	60.4	53.4	46.4	39.6	32.9	26.2	20.0
145°	82.0	75.5	69.0	62.4	55.8	49.3	42.9	36.5	30.1	24.2	18.3
147.5°	75.0	69.3	63.4	56.9	51.1	44.9	38.9	32.6	27.6	22.0	16.5
150°	68.1	62.5	57.1	51.7	46.2	40.4	34.6	29.5	24.5	19.5	14.6
152.5°	61.4	56.3	51.2	46.1	41.0	35.9	31.2	26.6	21.9	16.8	13.3
155°	54.4	49.8	45.3	40.7	36.3	31.8	27.3	22.8	18.4	15.0	11.7
157.5°	47.0	42.8	39.1	35.3	31.4	27.4	23.3	19.3	16.2	13.1	10.0
160°	40.0	36.6	33.2	29.7	26.3	22.8	19.8	16.9	14.1	11.2	8.4
162.5°	33.0	30.0	27.0	23.8	21.1	18.8	16.4	14.0	11.6	9.1	6.6
165°	26.0	23.7	21.6	19.4	17.2	15.1	13.0	10.9	8.7	6.6	5.3
167.5°	20.2	18.5	16.8	15.0	13.1	11.3	9.4	7.5	5.9	5.2	4.6
170°	14.2	12.9	11.5	10.1	8.7	7.0	6.5	5.9	5.3	4.7	4.1
172.5°	8.0	7.7	7.2	6.8	6.3	5.8	5.3	4.9	4.4	3.9	3.4
175°	5.8	5.5	5.2	4.9	4.5	4.2	3.9	3.5	3.2	2.8	2.5
177.5°	3.1	3.0	2.8	2.6	2.5	2.3	2.1	1.9	1.7	1.5	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: P231998

CATALOG NUMBER: FVS4WM-4-LD4-40-2STD-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°	1.2	1.0	0.8	0.6	0.4	0.2	0.0	0.2	0.4	0.6	0.8
5°	2.1	1.8	1.4	1.1	0.7	0.4	0.0	0.4	0.7	1.1	1.4
7.5°	2.9	2.4	1.9	1.5	1.0	0.5	0.0	0.5	1.0	1.5	1.9
10°	3.5	2.9	2.3	1.7	1.2	0.6	0.0	0.6	1.2	1.7	2.3
12.5°	3.9	3.2	2.6	1.9	1.3	0.6	0.0	0.6	1.3	1.9	2.6
15°	4.6	3.9	3.1	2.3	1.6	0.8	0.0	0.8	1.6	2.3	3.1
17.5°	4.8	3.9	3.1	2.3	1.6	0.8	0.0	0.8	1.6	2.3	3.1
20°	5.5	3.8	3.0	2.3	1.5	0.7	0.0	0.7	1.5	2.3	3.0
22.5°	6.9	3.8	2.8	2.1	1.4	0.7	0.0	0.7	1.4	2.1	2.8
25°	8.4	5.0	2.4	1.8	1.2	0.6	0.0	0.6	1.2	1.8	2.4
27.5°	9.6	5.9	2.2	1.3	0.9	0.4	0.0	0.4	0.9	1.3	2.2
30°	10.8	7.1	3.4	1.4	0.9	0.5	0.0	0.5	0.9	1.4	3.4
32.5°	11.6	7.8	4.0	0.9	0.5	0.3	0.0	0.3	0.5	0.9	4.0
35°	12.5	8.4	4.8	1.2	0.6	0.3	0.0	0.3	0.6	1.2	4.8
37.5°	13.9	8.7	5.3	2.0	0.6	0.3	0.0	0.3	0.6	2.0	5.3
40°	15.0	9.0	5.4	2.5	0.7	0.3	0.0	0.3	0.7	2.5	5.4
42.5°	16.0	9.8	5.3	2.7	0.7	0.4	0.0	0.4	0.7	2.7	5.3
45°	16.3	10.3	4.6	2.2	0.1	0.0	0.0	0.0	0.1	2.2	4.6
47.5°	17.2	10.9	5.1	2.4	1.0	0.8	0.8	0.8	1.0	2.4	5.1
50°	18.2	11.3	5.8	2.2	1.1	0.8	0.8	0.8	1.1	2.2	5.8
52.5°	18.5	11.5	6.0	1.8	1.1	0.8	0.8	0.8	1.1	1.8	6.0
55°	19.0	11.8	5.8	2.1	1.1	0.8	0.8	0.8	1.1	2.1	5.8
57.5°	19.3	12.1	5.4	2.2	0.9	0.8	0.8	0.8	0.9	2.2	5.4
60°	19.5	12.2	6.1	2.3	0.8	0.8	0.8	0.8	0.8	2.3	6.1
62.5°	20.1	12.8	6.6	2.4	0.8	0.8	0.8	0.8	0.8	2.4	6.6
65°	20.4	13.4	6.4	2.4	0.9	0.8	0.8	0.8	0.9	2.4	6.4
67.5°	20.2	13.0	6.3	2.2	0.9	0.8	0.8	0.8	0.9	2.2	6.3
70°	19.7	12.9	6.0	2.0	0.8	0.8	0.8	0.8	0.8	2.0	6.0
72.5°	19.3	12.2	6.0	1.9	0.3	0.8	0.8	0.8	0.3	1.9	6.0
75°	18.3	11.4	5.5	1.4	0.2	0.8	0.8	0.8	0.2	1.4	5.5
77.5°	17.1	10.6	4.4	0.7	0.0	0.1	0.0	0.1	0.0	0.7	4.4
80°	15.7	8.6	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.1
82.5°	13.9	6.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	12.2	3.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	11.9	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	14.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	11.9	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	12.2	3.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	13.9	6.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	15.7	8.6	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.1
102.5°	17.1	10.6	4.4	0.7	0.0	0.1	0.0	0.1	0.0	0.7	4.4
105°	18.3	11.4	5.5	1.4	0.2	0.8	0.8	0.8	0.2	1.4	5.5
107.5°	19.3	12.2	6.0	1.9	0.3	0.8	0.8	0.8	0.3	1.9	6.0
110°	19.7	12.9	6.0	2.0	0.8	0.8	0.8	0.8	0.8	2.0	6.0



TEST NUMBER: P231998

CATALOG NUMBER: FVS4WM-4-LD4-40-2STD-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
112.5°	20.2	13.0	6.3	2.2	0.9	0.8	0.8	0.8	0.9	2.2	6.3
115°	20.4	13.4	6.4	2.4	0.9	0.8	0.8	0.8	0.9	2.4	6.4
117.5°	20.1	12.8	6.6	2.4	0.8	0.8	0.8	0.8	0.8	2.4	6.6
120°	19.5	12.2	6.1	2.3	0.8	0.8	0.8	0.8	0.8	2.3	6.1
122.5°	19.3	12.1	5.4	2.2	0.9	0.8	0.8	0.8	0.9	2.2	5.4
125°	19.0	11.8	5.8	2.1	1.1	0.8	0.8	0.8	1.1	2.1	5.8
127.5°	18.5	11.5	6.0	1.8	1.1	0.8	0.8	0.8	1.1	1.8	6.0
130°	18.2	11.3	5.8	2.2	1.1	0.8	0.8	0.8	1.1	2.2	5.8
132.5°	17.2	10.9	5.1	2.4	1.0	0.8	0.8	0.8	1.0	2.4	5.1
135°	16.3	10.3	4.6	2.2	0.1	0.0	0.0	0.0	0.1	2.2	4.6
137.5°	16.0	9.8	5.3	2.7	0.7	0.4	0.0	0.4	0.7	2.7	5.3
140°	15.0	9.0	5.4	2.5	0.7	0.3	0.0	0.3	0.7	2.5	5.4
142.5°	13.9	8.7	5.3	2.0	0.6	0.3	0.0	0.3	0.6	2.0	5.3
145°	12.5	8.4	4.8	1.2	0.6	0.3	0.0	0.3	0.6	1.2	4.8
147.5°	11.6	7.8	4.0	0.9	0.5	0.3	0.0	0.3	0.5	0.9	4.0
150°	10.8	7.1	3.4	1.4	0.9	0.5	0.0	0.5	0.9	1.4	3.4
152.5°	9.6	5.9	2.2	1.3	0.9	0.4	0.0	0.4	0.9	1.3	2.2
155°	8.4	5.0	2.4	1.8	1.2	0.6	0.0	0.6	1.2	1.8	2.4
157.5°	6.9	3.8	2.8	2.1	1.4	0.7	0.0	0.7	1.4	2.1	2.8
160°	5.5	3.8	3.0	2.3	1.5	0.7	0.0	0.7	1.5	2.3	3.0
162.5°	4.8	3.9	3.1	2.3	1.6	0.8	0.0	0.8	1.6	2.3	3.1
165°	4.6	3.9	3.1	2.3	1.6	0.8	0.0	0.8	1.6	2.3	3.1
167.5°	3.9	3.2	2.6	1.9	1.3	0.6	0.0	0.6	1.3	1.9	2.6
170°	3.5	2.9	2.3	1.7	1.2	0.6	0.0	0.6	1.2	1.7	2.3
172.5°	2.9	2.4	1.9	1.5	1.0	0.5	0.0	0.5	1.0	1.5	1.9
175°	2.1	1.8	1.4	1.1	0.7	0.4	0.0	0.4	0.7	1.1	1.4
177.5°	1.2	1.0	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: P231998

CATALOG NUMBER: FVS4WM-4-LD4-40-2STD-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°	1.0	1.2	1.4	1.5	1.7	1.9	2.1	2.3	2.5	2.6	2.8
5°	1.8	2.1	2.5	2.8	3.2	3.5	3.9	4.2	4.5	4.9	5.2
7.5°	2.4	2.9	3.4	3.9	4.4	4.9	5.3	5.8	6.3	6.8	7.2
10°	2.9	3.5	4.1	4.7	5.3	5.9	6.5	7.0	8.7	10.1	11.5
12.5°	3.2	3.9	4.6	5.2	5.9	7.5	9.4	11.3	13.1	15.0	16.8
15°	3.9	4.6	5.3	6.6	8.7	10.9	13.0	15.1	17.2	19.4	21.6
17.5°	3.9	4.8	6.6	9.1	11.6	14.0	16.4	18.8	21.1	23.8	27.0
20°	3.8	5.5	8.4	11.2	14.1	16.9	19.8	22.8	26.3	29.7	33.2
22.5°	3.8	6.9	10.0	13.1	16.2	19.3	23.3	27.4	31.4	35.3	39.1
25°	5.0	8.4	11.7	15.0	18.4	22.8	27.3	31.8	36.3	40.7	45.3
27.5°	5.9	9.6	13.3	16.8	21.9	26.6	31.2	35.9	41.0	46.1	51.2
30°	7.1	10.8	14.6	19.5	24.5	29.5	34.6	40.4	46.2	51.7	57.1
32.5°	7.8	11.6	16.5	22.0	27.6	32.6	38.9	44.9	51.1	56.9	63.4
35°	8.4	12.5	18.3	24.2	30.1	36.5	42.9	49.3	55.8	62.4	69.0
37.5°	8.7	13.9	20.0	26.2	32.9	39.6	46.4	53.4	60.4	67.4	74.2
40°	9.0	15.0	21.0	27.8	35.1	42.5	50.0	57.4	64.8	72.2	79.7
42.5°	9.8	16.0	22.5	29.7	37.0	44.9	53.0	61.1	69.1	77.0	84.8
45°	10.3	16.3	23.4	30.9	38.9	47.3	55.8	64.3	72.9	81.5	89.6
47.5°	10.9	17.2	24.4	32.1	40.4	49.1	58.2	67.5	76.4	85.2	94.0
50°	11.3	18.2	25.5	33.4	42.2	50.7	59.7	69.5	79.5	88.8	98.1
52.5°	11.5	18.5	26.2	34.2	42.9	52.1	61.4	71.6	82.1	92.1	102.1
55°	11.8	19.0	27.0	35.4	44.1	53.6	63.3	73.4	84.1	94.6	105.3
57.5°	12.1	19.3	27.3	35.9	44.9	54.5	64.7	75.2	86.4	97.2	108.0
60°	12.2	19.5	27.8	36.8	45.9	55.8	66.0	76.7	88.1	99.8	110.9
62.5°	12.8	20.1	28.3	36.8	46.2	56.4	66.9	78.0	89.9	102.1	113.9
65°	13.4	20.4	28.0	36.8	46.7	57.0	67.7	79.0	91.4	104.5	116.3
67.5°	13.0	20.2	28.2	37.2	46.9	57.5	68.4	80.2	93.3	106.7	118.7
70°	12.9	19.7	27.7	36.9	46.5	57.4	68.9	81.7	95.0	108.7	120.6
72.5°	12.2	19.3	27.0	36.3	46.3	57.7	69.8	83.1	96.8	109.9	121.7
75°	11.4	18.3	26.6	35.8	46.6	58.0	70.7	84.7	98.8	111.0	122.1
77.5°	10.6	17.1	25.6	35.5	46.6	58.6	72.3	86.4	99.9	111.9	122.8
80°	8.6	15.7	24.7	34.6	46.5	60.0	74.5	87.7	99.9	111.7	122.8
82.5°	6.1	13.9	23.2	34.2	47.4	61.8	75.0	87.2	99.4	111.4	122.3
85°	3.3	12.2	22.6	35.7	49.3	62.0	74.3	86.4	98.1	111.0	122.3
87.5°	1.0	11.9	24.5	36.9	49.1	61.2	73.7	85.9	97.5	110.7	122.8
90°	0.0	14.0	24.7	36.2	49.3	60.8	73.2	86.3	97.0	111.0	122.5
92.5°	1.0	11.9	24.5	36.9	49.1	61.2	73.7	85.9	97.5	110.7	122.8
95°	3.3	12.2	22.6	35.7	49.3	62.0	74.3	86.4	98.1	111.0	122.3
97.5°	6.1	13.9	23.2	34.2	47.4	61.8	75.0	87.2	99.4	111.4	122.3
100°	8.6	15.7	24.7	34.6	46.5	60.0	74.5	87.7	99.9	111.7	122.8
102.5°	10.6	17.1	25.6	35.5	46.6	58.6	72.3	86.4	99.9	111.9	122.8
105°	11.4	18.3	26.6	35.8	46.6	58.0	70.7	84.7	98.8	111.0	122.1
107.5°	12.2	19.3	27.0	36.3	46.3	57.7	69.8	83.1	96.8	109.9	121.7
110°	12.9	19.7	27.7	36.9	46.5	57.4	68.9	81.7	95.0	108.7	120.6



TEST NUMBER: P231998

CATALOG NUMBER: FVS4WM-4-LD4-40-2STD-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°	13.0	20.2	28.2	37.2	46.9	57.5	68.4	80.2	93.3	106.7	118.7
115°	13.4	20.4	28.0	36.8	46.7	57.0	67.7	79.0	91.4	104.5	116.3
117.5°	12.8	20.1	28.3	36.8	46.2	56.4	66.9	78.0	89.9	102.1	113.9
120°	12.2	19.5	27.8	36.8	45.9	55.8	66.0	76.7	88.1	99.8	110.9
122.5°	12.1	19.3	27.3	35.9	44.9	54.5	64.7	75.2	86.4	97.2	108.0
125°	11.8	19.0	27.0	35.4	44.1	53.6	63.3	73.4	84.1	94.6	105.3
127.5°	11.5	18.5	26.2	34.2	42.9	52.1	61.4	71.6	82.1	92.1	102.1
130°	11.3	18.2	25.5	33.4	42.2	50.7	59.7	69.5	79.5	88.8	98.1
132.5°	10.9	17.2	24.4	32.1	40.4	49.1	58.2	67.5	76.4	85.2	94.0
135°	10.3	16.3	23.4	30.9	38.9	47.3	55.8	64.3	72.9	81.5	89.6
137.5°	9.8	16.0	22.5	29.7	37.0	44.9	53.0	61.1	69.1	77.0	84.8
140°	9.0	15.0	21.0	27.8	35.1	42.5	50.0	57.4	64.8	72.2	79.7
142.5°	8.7	13.9	20.0	26.2	32.9	39.6	46.4	53.4	60.4	67.4	74.2
145°	8.4	12.5	18.3	24.2	30.1	36.5	42.9	49.3	55.8	62.4	69.0
147.5°	7.8	11.6	16.5	22.0	27.6	32.6	38.9	44.9	51.1	56.9	63.4
150°	7.1	10.8	14.6	19.5	24.5	29.5	34.6	40.4	46.2	51.7	57.1
152.5°	5.9	9.6	13.3	16.8	21.9	26.6	31.2	35.9	41.0	46.1	51.2
155°	5.0	8.4	11.7	15.0	18.4	22.8	27.3	31.8	36.3	40.7	45.3
157.5°	3.8	6.9	10.0	13.1	16.2	19.3	23.3	27.4	31.4	35.3	39.1
160°	3.8	5.5	8.4	11.2	14.1	16.9	19.8	22.8	26.3	29.7	33.2
162.5°	3.9	4.8	6.6	9.1	11.6	14.0	16.4	18.8	21.1	23.8	27.0
165°	3.9	4.6	5.3	6.6	8.7	10.9	13.0	15.1	17.2	19.4	21.6
167.5°	3.2	3.9	4.6	5.2	5.9	7.5	9.4	11.3	13.1	15.0	16.8
170°	2.9	3.5	4.1	4.7	5.3	5.9	6.5	7.0	8.7	10.1	11.5
172.5°	2.4	2.9	3.4	3.9	4.4	4.9	5.3	5.8	6.3	6.8	7.2
175°	1.8	2.1	2.5	2.8	3.2	3.5	3.9	4.2	4.5	4.9	5.2
177.5°	1.0	1.2	1.4	1.5	1.7	1.9	2.1	2.3	2.5	2.6	2.8
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: P231998

CATALOG NUMBER: FVS4WM-4-LD4-40-2STD-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°	3.0	3.1	3.3	3.4	3.6	3.7	3.8	4.0	4.1	4.2	4.3
5°	5.5	5.8	6.1	6.4	6.7	7.0	7.3	7.5	7.8	8.0	8.3
7.5°	7.7	8.0	9.4	10.4	11.3	12.2	13.1	13.9	14.7	15.4	16.1
10°	12.9	14.2	15.6	16.9	18.1	19.4	20.6	21.7	22.8	23.8	24.8
12.5°	18.5	20.2	21.8	23.3	24.8	26.2	28.0	29.8	31.5	33.2	34.7
15°	23.7	26.0	28.6	31.1	33.3	35.5	37.5	39.6	41.5	43.5	45.4
17.5°	30.0	33.0	35.9	38.7	41.5	44.3	46.9	49.3	51.7	54.0	56.3
20°	36.6	40.0	43.3	46.3	49.7	53.0	56.3	59.5	62.6	65.3	67.9
22.5°	42.8	47.0	51.1	55.0	58.7	62.3	65.8	69.4	72.9	76.3	79.3
25°	49.8	54.4	58.9	63.2	67.4	71.5	75.5	79.4	83.2	86.8	90.1
27.5°	56.3	61.4	66.3	71.3	76.0	80.6	85.2	89.6	93.8	97.8	101.2
30°	62.5	68.1	73.6	79.1	84.2	89.1	94.1	99.0	103.6	107.9	112.0
32.5°	69.3	75.0	80.7	86.6	92.5	97.8	102.9	107.9	112.9	117.7	122.3
35°	75.5	82.0	87.9	94.0	100.3	106.5	112.1	117.1	122.2	127.4	132.3
37.5°	81.3	88.1	94.7	101.2	107.8	114.1	120.4	126.1	131.3	136.9	142.4
40°	87.0	94.4	101.4	108.1	114.8	121.5	128.1	134.7	140.3	145.7	151.2
42.5°	92.5	100.1	107.7	115.1	121.9	128.8	135.4	142.2	148.6	154.4	160.0
45°	97.7	105.7	113.6	121.3	128.7	135.8	142.8	149.7	156.3	162.5	168.3
47.5°	102.5	110.8	118.9	127.4	135.1	142.3	149.6	156.4	163.3	170.2	176.5
50°	107.1	115.8	123.9	132.5	140.7	148.3	155.9	163.3	170.0	177.3	184.0
52.5°	111.8	120.5	129.0	137.7	146.1	154.0	161.9	169.5	176.7	184.2	191.6
55°	115.1	124.6	133.7	142.5	151.1	159.4	167.7	175.5	182.9	190.4	198.1
57.5°	118.3	128.2	137.8	147.1	155.9	164.3	172.7	180.8	188.6	196.4	204.3
60°	121.5	132.0	141.6	150.9	159.9	168.8	177.7	185.8	193.8	201.8	209.5
62.5°	124.5	134.8	144.8	154.6	163.8	172.8	181.9	190.3	198.6	207.0	214.7
65°	127.3	137.6	147.3	157.6	167.4	176.6	185.8	194.6	202.8	211.2	218.9
67.5°	129.4	139.5	149.4	160.0	170.4	179.8	189.0	198.3	206.8	215.3	223.0
70°	131.0	141.3	151.7	162.2	173.2	182.6	192.1	201.3	209.9	218.6	226.6
72.5°	132.9	143.4	153.9	164.0	174.8	184.7	194.7	204.2	213.0	221.7	229.9
75°	133.7	144.4	155.8	165.9	176.2	186.5	196.6	206.2	214.9	223.6	232.0
77.5°	133.9	145.1	156.1	166.9	177.5	188.0	198.4	208.0	216.8	225.3	233.9
80°	134.3	145.6	156.5	167.4	178.3	188.7	199.2	208.8	217.9	226.7	235.6
82.5°	134.3	145.8	157.1	167.9	178.7	189.3	199.9	209.5	218.7	227.6	236.5
85°	134.3	145.8	157.3	168.6	179.2	189.4	200.6	209.9	219.6	228.0	237.0
87.5°	134.3	146.0	157.3	168.8	179.4	189.6	200.7	210.2	220.0	227.9	237.2
90°	134.0	146.4	157.0	168.6	179.2	189.9	200.6	210.5	220.4	227.8	237.6
92.5°	134.3	146.0	157.3	168.8	179.4	189.6	200.7	210.2	220.0	227.9	237.2
95°	134.3	145.8	157.3	168.6	179.2	189.4	200.6	209.9	219.6	228.0	237.0
97.5°	134.3	145.8	157.1	167.9	178.7	189.3	199.9	209.5	218.7	227.6	236.5
100°	134.3	145.6	156.5	167.4	178.3	188.7	199.2	208.8	217.9	226.7	235.6
102.5°	133.9	145.1	156.1	166.9	177.5	188.0	198.4	208.0	216.8	225.3	233.9
105°	133.7	144.4	155.8	165.9	176.2	186.5	196.6	206.2	214.9	223.6	232.0
107.5°	132.9	143.4	153.9	164.0	174.8	184.7	194.7	204.2	213.0	221.7	229.9
110°	131.0	141.3	151.7	162.2	173.2	182.6	192.1	201.3	209.9	218.6	226.6



TEST NUMBER: P231998

CATALOG NUMBER: FVS4WM-4-LD4-40-2STD-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
112.5°	129.4	139.5	149.4	160.0	170.4	179.8	189.0	198.3	206.8	215.3	223.0
115°	127.3	137.6	147.3	157.6	167.4	176.6	185.8	194.6	202.8	211.2	218.9
117.5°	124.5	134.8	144.8	154.6	163.8	172.8	181.9	190.3	198.6	207.0	214.7
120°	121.5	132.0	141.6	150.9	159.9	168.8	177.7	185.8	193.8	201.8	209.5
122.5°	118.3	128.2	137.8	147.1	155.9	164.3	172.7	180.8	188.6	196.4	204.3
125°	115.1	124.6	133.7	142.5	151.1	159.4	167.7	175.5	182.9	190.4	198.1
127.5°	111.8	120.5	129.0	137.7	146.1	154.0	161.9	169.5	176.7	184.2	191.6
130°	107.1	115.8	123.9	132.5	140.7	148.3	155.9	163.3	170.0	177.3	184.0
132.5°	102.5	110.8	118.9	127.4	135.1	142.3	149.6	156.4	163.3	170.2	176.5
135°	97.7	105.7	113.6	121.3	128.7	135.8	142.8	149.7	156.3	162.5	168.3
137.5°	92.5	100.1	107.7	115.1	121.9	128.8	135.4	142.2	148.6	154.4	160.0
140°	87.0	94.4	101.4	108.1	114.8	121.5	128.1	134.7	140.3	145.7	151.2
142.5°	81.3	88.1	94.7	101.2	107.8	114.1	120.4	126.1	131.3	136.9	142.4
145°	75.5	82.0	87.9	94.0	100.3	106.5	112.1	117.1	122.2	127.4	132.3
147.5°	69.3	75.0	80.7	86.6	92.5	97.8	102.9	107.9	112.9	117.7	122.3
150°	62.5	68.1	73.6	79.1	84.2	89.1	94.1	99.0	103.6	107.9	112.0
152.5°	56.3	61.4	66.3	71.3	76.0	80.6	85.2	89.6	93.8	97.8	101.2
155°	49.8	54.4	58.9	63.2	67.4	71.5	75.5	79.4	83.2	86.8	90.1
157.5°	42.8	47.0	51.1	55.0	58.7	62.3	65.8	69.4	72.9	76.3	79.3
160°	36.6	40.0	43.3	46.3	49.7	53.0	56.3	59.5	62.6	65.3	67.9
162.5°	30.0	33.0	35.9	38.7	41.5	44.3	46.9	49.3	51.7	54.0	56.3
165°	23.7	26.0	28.6	31.1	33.3	35.5	37.5	39.6	41.5	43.5	45.4
167.5°	18.5	20.2	21.8	23.3	24.8	26.2	28.0	29.8	31.5	33.2	34.7
170°	12.9	14.2	15.6	16.9	18.1	19.4	20.6	21.7	22.8	23.8	24.8
172.5°	7.7	8.0	9.4	10.4	11.3	12.2	13.1	13.9	14.7	15.4	16.1
175°	5.5	5.8	6.1	6.4	6.7	7.0	7.3	7.5	7.8	8.0	8.3
177.5°	3.0	3.1	3.3	3.4	3.6	3.7	3.8	4.0	4.1	4.2	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: P231998

CATALOG NUMBER: FVS4WM-4-LD4-40-2STD-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°	4.4	4.5	4.6	4.7	4.7	4.8	4.8	4.9	4.9	5.0	5.4
5°	8.5	8.7	8.9	9.1	9.3	9.4	9.6	9.7	9.8	9.9	10.7
7.5°	16.8	17.5	18.0	18.6	19.2	19.6	20.1	20.4	20.7	21.0	22.3
10°	25.7	26.6	27.4	28.2	29.0	29.7	30.4	31.1	31.6	32.1	33.9
12.5°	36.2	37.5	38.7	39.8	40.8	41.8	42.8	43.8	44.6	45.3	47.5
15°	47.2	49.0	50.4	51.7	52.9	54.0	55.2	56.4	57.5	58.4	61.1
17.5°	58.6	60.7	62.7	64.4	65.9	67.3	68.6	70.0	71.3	72.4	75.6
20°	70.4	72.8	75.0	77.2	78.9	80.6	82.1	83.7	85.1	86.3	90.1
22.5°	82.1	84.8	87.3	89.6	91.8	93.6	95.3	97.0	98.8	100.3	104.7
25°	93.3	96.4	99.3	102.0	104.5	106.7	108.5	110.4	112.5	114.3	119.4
27.5°	104.5	107.9	111.1	114.2	116.9	119.4	121.3	123.2	125.4	127.5	133.0
30°	115.9	119.6	123.1	126.3	129.3	132.0	134.1	136.0	138.4	140.6	146.6
32.5°	126.6	130.8	134.5	137.9	141.1	143.9	146.2	148.2	150.8	153.4	159.6
35°	136.9	141.2	145.4	149.2	152.7	155.7	158.3	160.3	163.2	166.1	172.6
37.5°	147.1	151.5	155.7	159.7	163.6	166.5	169.2	171.3	174.3	177.6	184.5
40°	156.4	161.3	165.7	169.9	173.8	177.1	180.0	182.2	185.3	189.1	196.4
42.5°	165.4	170.6	175.3	179.7	183.8	187.3	190.1	192.6	195.8	199.8	207.5
45°	173.8	179.1	184.2	188.9	193.5	197.6	200.1	202.9	206.3	210.5	218.5
47.5°	182.3	187.7	192.8	197.8	202.5	206.9	209.5	212.2	215.6	220.0	228.3
50°	190.2	196.0	201.3	206.4	211.3	216.0	218.7	221.5	224.9	229.4	238.1
52.5°	197.8	203.8	209.2	214.4	219.2	223.9	227.1	230.0	233.4	238.1	247.7
55°	204.5	210.5	216.3	221.9	226.9	231.6	235.3	238.4	241.9	246.7	257.3
57.5°	211.0	217.1	223.1	228.4	233.6	238.4	242.2	245.4	248.8	254.1	264.7
60°	216.7	223.2	230.0	234.5	239.9	245.0	249.0	252.2	255.7	261.5	272.1
62.5°	222.1	228.8	235.2	240.3	245.7	250.7	254.8	258.4	262.1	267.7	278.9
65°	226.4	233.6	240.0	245.7	251.4	256.4	260.5	264.5	268.5	273.8	285.7
67.5°	230.5	237.9	244.3	250.1	255.8	261.2	265.6	269.3	273.0	278.8	290.1
70°	234.2	241.7	248.4	254.2	260.0	265.6	270.8	274.1	277.5	283.7	294.5
72.5°	237.3	244.9	251.7	257.7	263.6	269.4	274.1	277.7	281.1	287.4	298.7
75°	239.7	247.6	254.8	261.1	267.0	273.2	277.4	281.3	284.7	291.1	303.4
77.5°	241.5	249.6	256.8	263.5	269.0	275.3	279.7	283.8	287.1	293.6	305.8
80°	243.1	251.2	258.6	265.7	270.8	277.3	282.1	286.2	289.5	296.0	308.3
82.5°	244.2	252.3	260.0	266.6	272.3	278.5	283.3	287.4	290.7	297.7	309.9
85°	245.1	253.3	261.5	267.3	273.8	279.6	284.5	288.6	291.9	299.3	311.6
87.5°	245.1	253.7	261.5	267.6	273.8	280.0	284.9	289.0	292.3	299.3	312.0
90°	245.0	254.1	261.5	268.0	273.8	280.4	285.3	289.4	292.7	299.3	312.4
92.5°	245.1	253.7	261.5	267.6	273.8	280.0	284.9	289.0	292.3	299.3	312.0
95°	245.1	253.3	261.5	267.3	273.8	279.6	284.5	288.6	291.9	299.3	311.6
97.5°	244.2	252.3	260.0	266.6	272.3	278.5	283.3	287.4	290.7	297.7	309.9
100°	243.1	251.2	258.6	265.7	270.8	277.3	282.1	286.2	289.5	296.0	308.3
102.5°	241.5	249.6	256.8	263.5	269.0	275.3	279.7	283.8	287.1	293.6	305.8
105°	239.7	247.6	254.8	261.1	267.0	273.2	277.4	281.3	284.7	291.1	303.4
107.5°	237.3	244.9	251.7	257.7	263.6	269.4	274.1	277.7	281.1	287.4	298.7
110°	234.2	241.7	248.4	254.2	260.0	265.6	270.8	274.1	277.5	283.7	294.5



TEST NUMBER: P231998

CATALOG NUMBER: FVS4WM-4-LD4-40-2STD-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°	230.5	237.9	244.3	250.1	255.8	261.2	265.6	269.3	273.0	278.8	290.1
115°	226.4	233.6	240.0	245.7	251.4	256.4	260.5	264.5	268.5	273.8	285.7
117.5°	222.1	228.8	235.2	240.3	245.7	250.7	254.8	258.4	262.1	267.7	278.9
120°	216.7	223.2	230.0	234.5	239.9	245.0	249.0	252.2	255.7	261.5	272.1
122.5°	211.0	217.1	223.1	228.4	233.6	238.4	242.2	245.4	248.8	254.1	264.7
125°	204.5	210.5	216.3	221.9	226.9	231.6	235.3	238.4	241.9	246.7	257.3
127.5°	197.8	203.8	209.2	214.4	219.2	223.9	227.1	230.0	233.4	238.1	247.7
130°	190.2	196.0	201.3	206.4	211.3	216.0	218.7	221.5	224.9	229.4	238.1
132.5°	182.3	187.7	192.8	197.8	202.5	206.9	209.5	212.2	215.6	220.0	228.3
135°	173.8	179.1	184.2	188.9	193.5	197.6	200.1	202.9	206.3	210.5	218.5
137.5°	165.4	170.6	175.3	179.7	183.8	187.3	190.1	192.6	195.8	199.8	207.5
140°	156.4	161.3	165.7	169.9	173.8	177.1	180.0	182.2	185.3	189.1	196.4
142.5°	147.1	151.5	155.7	159.7	163.6	166.5	169.2	171.3	174.3	177.6	184.5
145°	136.9	141.2	145.4	149.2	152.7	155.7	158.3	160.3	163.2	166.1	172.6
147.5°	126.6	130.8	134.5	137.9	141.1	143.9	146.2	148.2	150.8	153.4	159.6
150°	115.9	119.6	123.1	126.3	129.3	132.0	134.1	136.0	138.4	140.6	146.6
152.5°	104.5	107.9	111.1	114.2	116.9	119.4	121.3	123.2	125.4	127.5	133.0
155°	93.3	96.4	99.3	102.0	104.5	106.7	108.5	110.4	112.5	114.3	119.4
157.5°	82.1	84.8	87.3	89.6	91.8	93.6	95.3	97.0	98.8	100.3	104.7
160°	70.4	72.8	75.0	77.2	78.9	80.6	82.1	83.7	85.1	86.3	90.1
162.5°	58.6	60.7	62.7	64.4	65.9	67.3	68.6	70.0	71.3	72.4	75.6
165°	47.2	49.0	50.4	51.7	52.9	54.0	55.2	56.4	57.5	58.4	61.1
167.5°	36.2	37.5	38.7	39.8	40.8	41.8	42.8	43.8	44.6	45.3	47.5
170°	25.7	26.6	27.4	28.2	29.0	29.7	30.4	31.1	31.6	32.1	33.9
172.5°	16.8	17.5	18.0	18.6	19.2	19.6	20.1	20.4	20.7	21.0	22.3
175°	8.5	8.7	8.9	9.1	9.3	9.4	9.6	9.7	9.8	9.9	10.7
177.5°	4.4	4.5	4.6	4.7	4.7	4.8	4.8	4.9	4.9	5.0	5.4
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: P231998

CATALOG NUMBER: FVS4WM-4-LD4-40-2STD-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°	5.8	6.2	6.6	7.0	7.3	7.7	8.0	8.3	8.7	8.9	9.2
5°	11.6	12.4	13.2	13.9	14.6	15.3	16.0	16.6	17.3	17.8	18.4
7.5°	23.5	24.7	25.8	26.8	27.8	28.6	29.7	32.1	34.3	36.5	38.5
10°	35.6	37.3	38.8	40.3	41.9	45.1	48.2	51.2	54.0	56.8	59.6
12.5°	49.6	51.6	53.5	56.1	60.3	64.2	68.0	71.5	75.9	81.1	86.2
15°	63.6	66.0	68.7	74.1	79.2	84.1	89.0	95.2	101.2	107.1	113.6
17.5°	78.7	81.5	86.7	93.0	99.0	105.2	112.5	119.5	126.0	134.0	142.6
20°	93.8	97.5	104.8	112.0	119.1	128.2	136.9	145.2	154.7	164.1	173.2
22.5°	109.0	114.7	122.9	130.9	140.5	150.5	160.3	171.4	181.9	192.2	203.5
25°	124.2	131.8	141.0	150.3	160.8	171.1	184.0	197.0	209.7	222.5	234.9
27.5°	138.3	147.4	157.0	168.4	180.4	193.5	208.5	223.3	238.2	252.3	265.8
30°	152.4	162.5	172.5	186.8	201.6	216.5	232.0	248.9	265.4	281.1	296.0
32.5°	166.4	177.4	189.5	205.2	221.3	238.3	255.9	274.7	293.1	310.6	327.0
35°	180.3	192.4	206.7	223.2	241.4	260.7	279.8	299.5	319.0	337.9	356.0
37.5°	193.4	206.3	222.7	240.5	261.0	281.4	302.5	323.5	345.4	364.5	384.3
40°	206.4	220.0	238.4	258.3	280.2	302.0	323.8	346.4	368.8	391.1	412.3
42.5°	218.5	232.8	253.3	275.0	297.9	321.3	345.0	369.4	393.7	417.0	439.0
45°	230.4	246.2	267.8	290.7	314.7	340.2	365.3	390.8	416.7	440.7	463.9
47.5°	241.2	258.5	281.0	305.4	331.7	358.9	384.9	411.8	438.1	464.4	487.2
50°	251.9	270.6	294.0	319.9	348.6	376.9	403.8	431.5	458.3	484.4	510.0
52.5°	262.5	282.2	306.2	333.0	363.5	393.0	421.6	450.1	477.9	505.2	531.9
55°	273.1	293.5	318.0	345.8	376.7	407.3	437.5	467.1	496.0	525.3	553.0
57.5°	281.7	303.1	328.3	357.3	389.4	421.6	452.9	483.2	514.1	544.8	573.2
60°	290.3	312.4	338.1	368.2	402.1	435.9	467.0	497.6	530.2	560.9	589.4
62.5°	296.7	320.0	347.5	379.2	413.5	447.6	479.8	511.4	545.7	575.1	605.0
65°	302.8	327.5	356.9	389.7	423.6	457.4	491.6	525.2	558.7	589.7	620.4
67.5°	308.4	333.8	364.7	398.0	432.5	467.5	502.5	537.1	570.6	604.4	634.6
70°	313.9	339.8	372.1	405.3	441.1	477.2	511.9	546.9	581.5	614.5	646.5
72.5°	318.3	345.1	378.1	411.7	448.1	484.5	519.8	556.3	590.8	624.3	657.2
75°	322.5	350.4	383.7	417.7	454.2	490.2	527.0	564.5	598.6	632.4	665.9
77.5°	325.4	353.8	387.1	421.8	458.7	495.1	532.5	570.3	604.6	639.2	673.8
80°	328.9	357.1	390.0	425.4	462.4	499.5	536.7	574.1	608.8	645.0	678.7
82.5°	330.9	360.5	394.2	428.4	466.4	503.1	540.1	578.4	613.2	649.8	682.3
85°	333.0	362.6	396.2	431.6	470.9	507.1	544.1	584.2	617.3	653.3	684.9
87.5°	333.4	362.6	395.9	433.3	471.5	507.7	545.5	583.5	618.7	654.6	686.9
90°	333.8	362.6	395.5	435.0	472.0	508.1	546.8	582.1	618.3	653.7	687.4
92.5°	333.4	362.6	395.9	433.3	471.5	507.7	545.5	583.5	618.7	654.6	686.9
95°	333.0	362.6	396.2	431.6	470.9	507.1	544.1	584.2	617.3	653.3	684.9
97.5°	330.9	360.5	394.2	428.4	466.4	503.1	540.1	578.4	613.2	649.8	682.3
100°	328.9	357.1	390.0	425.4	462.4	499.5	536.7	574.1	608.8	645.0	678.7
102.5°	325.4	353.8	387.1	421.8	458.7	495.1	532.5	570.3	604.6	639.2	673.8
105°	322.5	350.4	383.7	417.7	454.2	490.2	527.0	564.5	598.6	632.4	665.9
107.5°	318.3	345.1	378.1	411.7	448.1	484.5	519.8	556.3	590.8	624.3	657.2
110°	313.9	339.8	372.1	405.3	441.1	477.2	511.9	546.9	581.5	614.5	646.5



TEST NUMBER: P231998

CATALOG NUMBER: FVS4WM-4-LD4-40-2STD-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
112.5°	308.4	333.8	364.7	398.0	432.5	467.5	502.5	537.1	570.6	604.4	634.6
115°	302.8	327.5	356.9	389.7	423.6	457.4	491.6	525.2	558.7	589.7	620.4
117.5°	296.7	320.0	347.5	379.2	413.5	447.6	479.8	511.4	545.7	575.1	605.0
120°	290.3	312.4	338.1	368.2	402.1	435.9	467.0	497.6	530.2	560.9	589.4
122.5°	281.7	303.1	328.3	357.3	389.4	421.6	452.9	483.2	514.1	544.8	573.2
125°	273.1	293.5	318.0	345.8	376.7	407.3	437.5	467.1	496.0	525.3	553.0
127.5°	262.5	282.2	306.2	333.0	363.5	393.0	421.6	450.1	477.9	505.2	531.9
130°	251.9	270.6	294.0	319.9	348.6	376.9	403.8	431.5	458.3	484.4	510.0
132.5°	241.2	258.5	281.0	305.4	331.7	358.9	384.9	411.8	438.1	464.4	487.2
135°	230.4	246.2	267.8	290.7	314.7	340.2	365.3	390.8	416.7	440.7	463.9
137.5°	218.5	232.8	253.3	275.0	297.9	321.3	345.0	369.4	393.7	417.0	439.0
140°	206.4	220.0	238.4	258.3	280.2	302.0	323.8	346.4	368.8	391.1	412.3
142.5°	193.4	206.3	222.7	240.5	261.0	281.4	302.5	323.5	345.4	364.5	384.3
145°	180.3	192.4	206.7	223.2	241.4	260.7	279.8	299.5	319.0	337.9	356.0
147.5°	166.4	177.4	189.5	205.2	221.3	238.3	255.9	274.7	293.1	310.6	327.0
150°	152.4	162.5	172.5	186.8	201.6	216.5	232.0	248.9	265.4	281.1	296.0
152.5°	138.3	147.4	157.0	168.4	180.4	193.5	208.5	223.3	238.2	252.3	265.8
155°	124.2	131.8	141.0	150.3	160.8	171.1	184.0	197.0	209.7	222.5	234.9
157.5°	109.0	114.7	122.9	130.9	140.5	150.5	160.3	171.4	181.9	192.2	203.5
160°	93.8	97.5	104.8	112.0	119.1	128.2	136.9	145.2	154.7	164.1	173.2
162.5°	78.7	81.5	86.7	93.0	99.0	105.2	112.5	119.5	126.0	134.0	142.6
165°	63.6	66.0	68.7	74.1	79.2	84.1	89.0	95.2	101.2	107.1	113.6
167.5°	49.6	51.6	53.5	56.1	60.3	64.2	68.0	71.5	75.9	81.1	86.2
170°	35.6	37.3	38.8	40.3	41.9	45.1	48.2	51.2	54.0	56.8	59.6
172.5°	23.5	24.7	25.8	26.8	27.8	28.6	29.7	32.1	34.3	36.5	38.5
175°	11.6	12.4	13.2	13.9	14.6	15.3	16.0	16.6	17.3	17.8	18.4
177.5°	5.8	6.2	6.6	7.0	7.3	7.7	8.0	8.3	8.7	8.9	9.2
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P231998

CATALOG NUMBER: FVS4WM-4-LD4-40-2STD-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°	9.5	9.7	9.9	10.1	10.3	10.5	10.6	10.7	10.8	10.9	11.0
5°	20.0	21.5	23.0	24.4	25.7	26.9	28.1	29.2	30.1	31.0	31.8
7.5°	40.5	42.3	44.1	45.7	47.4	49.4	50.9	53.3	55.3	57.2	58.9
10°	63.4	67.2	70.8	74.1	77.1	79.8	82.3	84.8	87.3	89.6	91.7
12.5°	91.1	95.8	100.3	104.5	108.6	112.4	116.1	119.6	122.8	126.3	129.7
15°	119.4	125.7	131.5	136.6	141.3	146.6	151.5	156.4	161.3	165.8	169.9
17.5°	150.9	159.7	165.9	172.8	179.3	185.4	191.5	197.4	202.8	207.7	212.4
20°	182.7	191.9	200.5	208.8	217.0	224.9	232.2	238.8	244.6	249.9	254.8
22.5°	214.5	225.1	236.1	246.3	256.1	263.7	270.9	277.6	284.5	291.4	297.4
25°	247.5	260.2	274.3	283.4	292.9	301.7	311.0	319.7	327.7	334.7	340.9
27.5°	279.2	292.7	305.8	318.0	330.3	342.0	354.3	361.4	369.5	376.9	383.4
30°	310.6	325.3	340.0	355.1	369.1	380.6	391.0	400.9	409.9	417.8	425.8
32.5°	342.8	359.0	375.9	391.8	404.5	416.4	428.0	439.0	449.1	457.5	465.0
35°	373.9	392.4	409.3	423.7	437.7	451.7	464.6	477.1	488.0	497.0	504.9
37.5°	404.1	422.9	439.5	455.6	471.9	486.6	500.3	513.8	525.2	536.1	543.1
40°	432.8	451.9	470.2	488.0	504.5	519.1	533.7	547.8	560.2	571.0	580.1
42.5°	460.0	480.2	499.9	518.7	536.3	551.8	567.1	581.9	596.6	605.5	615.1
45°	486.3	507.3	527.9	548.1	565.9	582.3	598.4	613.6	626.3	637.6	647.5
47.5°	510.7	533.2	555.2	575.6	594.0	611.9	628.5	642.9	656.7	668.7	679.1
50°	534.9	558.4	580.8	601.7	621.6	640.6	656.5	672.1	688.1	698.8	710.0
52.5°	557.8	581.9	605.0	627.3	649.0	667.1	684.0	701.2	714.4	726.7	738.2
55°	579.4	604.1	628.9	650.7	672.6	693.5	709.7	725.8	740.4	752.4	764.7
57.5°	599.3	624.6	649.2	673.4	695.0	714.7	732.9	750.1	764.7	777.4	789.9
60°	618.0	644.4	669.6	693.1	715.3	736.1	755.4	772.3	787.4	800.6	813.3
62.5°	634.3	661.5	687.6	711.6	735.0	756.1	775.3	792.9	808.3	822.8	835.5
65°	649.7	677.4	703.7	728.3	751.9	774.1	793.4	811.6	828.4	843.7	856.3
67.5°	663.8	691.6	718.5	743.7	767.4	789.8	810.3	829.5	847.1	861.5	875.1
70°	676.0	704.7	732.5	758.1	782.5	804.6	825.5	844.9	861.9	877.1	892.9
72.5°	687.0	716.5	743.7	770.3	794.8	818.4	838.8	858.1	875.5	892.1	906.9
75°	696.8	725.8	753.6	780.3	804.4	828.0	850.1	869.6	887.8	905.2	919.1
77.5°	705.0	733.6	761.7	788.4	813.3	837.0	858.9	878.9	897.3	914.3	929.0
80°	710.7	739.4	768.2	795.4	820.8	844.1	865.8	886.8	906.0	922.2	937.0
82.5°	715.2	743.8	773.3	801.2	826.6	849.5	870.8	891.7	911.1	927.7	942.7
85°	717.6	746.9	776.4	803.3	828.2	852.6	874.1	894.5	913.8	931.1	946.1
87.5°	718.7	749.0	778.6	805.0	830.4	855.1	876.7	896.2	915.8	933.1	948.9
90°	717.8	749.0	778.6	805.0	832.1	855.1	877.3	896.2	915.1	932.4	949.7
92.5°	718.7	749.0	778.6	805.0	830.4	855.1	876.7	896.2	915.8	933.1	948.9
95°	717.6	746.9	776.4	803.3	828.2	852.6	874.1	894.5	913.8	931.1	946.1
97.5°	715.2	743.8	773.3	801.2	826.6	849.5	870.8	891.7	911.1	927.7	942.7
100°	710.7	739.4	768.2	795.4	820.8	844.1	865.8	886.8	906.0	922.2	937.0
102.5°	705.0	733.6	761.7	788.4	813.3	837.0	858.9	878.9	897.3	914.3	929.0
105°	696.8	725.8	753.6	780.3	804.4	828.0	850.1	869.6	887.8	905.2	919.1
107.5°	687.0	716.5	743.7	770.3	794.8	818.4	838.8	858.1	875.5	892.1	906.9
110°	676.0	704.7	732.5	758.1	782.5	804.6	825.5	844.9	861.9	877.1	892.9



TEST NUMBER: P231998

CATALOG NUMBER: FVS4WM-4-LD4-40-2STD-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°	663.8	691.6	718.5	743.7	767.4	789.8	810.3	829.5	847.1	861.5	875.1
115°	649.7	677.4	703.7	728.3	751.9	774.1	793.4	811.6	828.4	843.7	856.3
117.5°	634.3	661.5	687.6	711.6	735.0	756.1	775.3	792.9	808.3	822.8	835.5
120°	618.0	644.4	669.6	693.1	715.3	736.1	755.4	772.3	787.4	800.6	813.3
122.5°	599.3	624.6	649.2	673.4	695.0	714.7	732.9	750.1	764.7	777.4	789.9
125°	579.4	604.1	628.9	650.7	672.6	693.5	709.7	725.8	740.4	752.4	764.7
127.5°	557.8	581.9	605.0	627.3	649.0	667.1	684.0	701.2	714.4	726.7	738.2
130°	534.9	558.4	580.8	601.7	621.6	640.6	656.5	672.1	688.1	698.8	710.0
132.5°	510.7	533.2	555.2	575.6	594.0	611.9	628.5	642.9	656.7	668.7	679.1
135°	486.3	507.3	527.9	548.1	565.9	582.3	598.4	613.6	626.3	637.6	647.5
137.5°	460.0	480.2	499.9	518.7	536.3	551.8	567.1	581.9	596.6	605.5	615.1
140°	432.8	451.9	470.2	488.0	504.5	519.1	533.7	547.8	560.2	571.0	580.1
142.5°	404.1	422.9	439.5	455.6	471.9	486.6	500.3	513.8	525.2	536.1	543.1
145°	373.9	392.4	409.3	423.7	437.7	451.7	464.6	477.1	488.0	497.0	504.9
147.5°	342.8	359.0	375.9	391.8	404.5	416.4	428.0	439.0	449.1	457.5	465.0
150°	310.6	325.3	340.0	355.1	369.1	380.6	391.0	400.9	409.9	417.8	425.8
152.5°	279.2	292.7	305.8	318.0	330.3	342.0	354.3	361.4	369.5	376.9	383.4
155°	247.5	260.2	274.3	283.4	292.9	301.7	311.0	319.7	327.7	334.7	340.9
157.5°	214.5	225.1	236.1	246.3	256.1	263.7	270.9	277.6	284.5	291.4	297.4
160°	182.7	191.9	200.5	208.8	217.0	224.9	232.2	238.8	244.6	249.9	254.8
162.5°	150.9	159.7	165.9	172.8	179.3	185.4	191.5	197.4	202.8	207.7	212.4
165°	119.4	125.7	131.5	136.6	141.3	146.6	151.5	156.4	161.3	165.8	169.9
167.5°	91.1	95.8	100.3	104.5	108.6	112.4	116.1	119.6	122.8	126.3	129.7
170°	63.4	67.2	70.8	74.1	77.1	79.8	82.3	84.8	87.3	89.6	91.7
172.5°	40.5	42.3	44.1	45.7	47.4	49.4	50.9	53.3	55.3	57.2	58.9
175°	20.0	21.5	23.0	24.4	25.7	26.9	28.1	29.2	30.1	31.0	31.8
177.5°	9.5	9.7	9.9	10.1	10.3	10.5	10.6	10.7	10.8	10.9	11.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P231998

CATALOG NUMBER: FVS4WM-4-LD4-40-2STD-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°	11.0	11.0	11.0	11.0	11.0	10.9	11.2	11.0	10.8	10.5	10.3
5°	32.5	33.2	33.7	34.1	34.5	34.7	34.8	34.9	35.6	35.1	34.6
7.5°	60.5	61.9	63.1	64.2	65.1	65.8	66.4	66.7	66.9	67.7	67.1
10°	93.4	96.1	98.5	100.7	102.6	104.2	105.6	106.7	107.5	109.4	108.9
12.5°	132.6	135.1	137.2	139.2	141.4	143.1	144.4	145.2	145.6	145.6	145.8
15°	173.7	176.9	179.6	181.8	183.4	185.3	187.4	189.0	190.2	190.9	192.1
17.5°	216.7	220.4	223.6	226.2	228.4	230.0	231.7	233.7	235.1	235.8	237.2
20°	259.1	263.3	267.1	270.2	272.6	274.4	275.4	276.8	278.4	279.3	280.9
22.5°	302.4	306.5	309.9	313.8	316.8	319.0	320.4	321.0	322.5	323.5	325.2
25°	346.4	351.2	355.3	358.4	361.5	363.7	365.1	365.5	365.9	367.8	368.9
27.5°	389.0	394.3	398.9	402.4	404.3	406.6	407.8	408.1	407.6	408.8	409.4
30°	430.4	435.1	439.6	443.2	445.9	447.8	449.6	450.4	450.3	450.6	451.1
32.5°	471.1	476.2	479.8	484.2	487.4	489.6	491.0	491.9	491.6	490.6	491.8
35°	511.8	517.1	521.7	525.5	529.0	530.9	531.8	532.0	531.0	528.6	529.5
37.5°	550.2	556.4	561.8	565.5	567.9	569.9	570.3	569.6	568.8	567.1	567.3
40°	588.1	595.5	601.0	604.2	606.4	607.4	607.4	606.4	605.6	603.6	602.6
42.5°	623.6	630.8	636.6	639.8	642.0	643.5	644.1	643.5	642.3	640.8	639.2
45°	656.8	665.1	670.5	674.0	677.2	680.2	678.9	678.2	676.2	674.5	671.4
47.5°	689.3	698.4	704.1	708.3	710.9	712.2	712.5	711.9	710.3	708.3	705.1
50°	723.1	732.6	736.1	740.4	743.1	744.7	745.4	744.1	741.6	739.2	738.7
52.5°	750.2	758.5	764.8	770.5	774.4	775.7	775.9	773.9	771.8	769.7	770.3
55°	776.1	784.3	791.8	798.3	803.0	805.1	805.4	803.5	801.0	798.2	797.1
57.5°	800.4	808.8	816.3	824.5	830.7	832.9	833.2	831.6	829.0	825.7	823.6
60°	824.2	833.1	840.9	849.1	855.5	858.5	859.8	857.1	854.7	851.3	848.7
62.5°	846.5	855.6	863.9	872.5	877.2	881.2	883.1	881.6	878.4	874.6	871.8
65°	867.8	876.8	884.9	891.2	897.0	901.9	904.5	903.2	901.3	896.8	893.3
67.5°	887.7	896.7	904.1	910.6	916.6	920.2	923.6	924.5	922.1	917.4	913.9
70°	904.3	914.1	922.0	928.4	933.2	936.7	939.8	941.9	939.5	935.4	931.5
72.5°	919.0	930.0	937.7	944.2	948.2	950.8	953.8	955.9	955.8	952.1	946.7
75°	931.8	942.8	951.1	958.3	962.2	963.8	964.7	966.5	968.2	966.6	961.2
77.5°	942.1	953.2	962.1	969.3	973.9	976.1	976.0	975.4	976.5	977.4	973.6
80°	950.4	961.2	970.5	978.4	982.9	986.3	987.1	984.6	981.7	984.2	983.7
82.5°	956.0	967.6	976.5	983.6	988.9	992.1	993.7	993.2	989.8	985.3	989.0
85°	959.9	970.9	980.3	987.2	992.2	995.3	996.3	996.2	995.0	991.7	986.9
87.5°	962.0	972.3	981.4	988.2	993.3	995.3	997.1	996.8	995.1	992.1	989.9
90°	961.2	971.9	980.1	987.5	992.4	994.1	994.9	994.1	991.6	988.3	983.4
92.5°	962.0	972.3	981.4	988.2	993.3	995.3	997.1	996.8	995.1	992.1	989.9
95°	959.9	970.9	980.3	987.2	992.2	995.3	996.3	996.2	995.0	991.7	986.9
97.5°	956.0	967.6	976.5	983.6	988.9	992.1	993.7	993.2	989.8	985.3	989.0
100°	950.4	961.2	970.5	978.4	982.9	986.3	987.1	984.6	981.7	984.2	983.7
102.5°	942.1	953.2	962.1	969.3	973.9	976.1	976.0	975.4	976.5	977.4	973.6
105°	931.8	942.8	951.1	958.3	962.2	963.8	964.7	966.5	968.2	966.6	961.2
107.5°	919.0	930.0	937.7	944.2	948.2	950.8	953.8	955.9	955.8	952.1	946.7
110°	904.3	914.1	922.0	928.4	933.2	936.7	939.8	941.9	939.5	935.4	931.5



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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°	887.7	896.7	904.1	910.6	916.6	920.2	923.6	924.5	922.1	917.4	913.9
115°	867.8	876.8	884.9	891.2	897.0	901.9	904.5	903.2	901.3	896.8	893.3
117.5°	846.5	855.6	863.9	872.5	877.2	881.2	883.1	881.6	878.4	874.6	871.8
120°	824.2	833.1	840.9	849.1	855.5	858.5	859.8	857.1	854.7	851.3	848.7
122.5°	800.4	808.8	816.3	824.5	830.7	832.9	833.2	831.6	829.0	825.7	823.6
125°	776.1	784.3	791.8	798.3	803.0	805.1	805.4	803.5	801.0	798.2	797.1
127.5°	750.2	758.5	764.8	770.5	774.4	775.7	775.9	773.9	771.8	769.7	770.3
130°	723.1	732.6	736.1	740.4	743.1	744.7	745.4	744.1	741.6	739.2	738.7
132.5°	689.3	698.4	704.1	708.3	710.9	712.2	712.5	711.9	710.3	708.3	705.1
135°	656.8	665.1	670.5	674.0	677.2	680.2	678.9	678.2	676.2	674.5	671.4
137.5°	623.6	630.8	636.6	639.8	642.0	643.5	644.1	643.5	642.3	640.8	639.2
140°	588.1	595.5	601.0	604.2	606.4	607.4	607.4	606.4	605.6	603.6	602.6
142.5°	550.2	556.4	561.8	565.5	567.9	569.9	570.3	569.6	568.8	567.1	567.3
145°	511.8	517.1	521.7	525.5	529.0	530.9	531.8	532.0	531.0	528.6	529.5
147.5°	471.1	476.2	479.8	484.2	487.4	489.6	491.0	491.9	491.6	490.6	491.8
150°	430.4	435.1	439.6	443.2	445.9	447.8	449.6	450.4	450.3	450.6	451.1
152.5°	389.0	394.3	398.9	402.4	404.3	406.6	407.8	408.1	407.6	408.8	409.4
155°	346.4	351.2	355.3	358.4	361.5	363.7	365.1	365.5	365.9	367.8	368.9
157.5°	302.4	306.5	309.9	313.8	316.8	319.0	320.4	321.0	322.5	323.5	325.2
160°	259.1	263.3	267.1	270.2	272.6	274.4	275.4	276.8	278.4	279.3	280.9
162.5°	216.7	220.4	223.6	226.2	228.4	230.0	231.7	233.7	235.1	235.8	237.2
165°	173.7	176.9	179.6	181.8	183.4	185.3	187.4	189.0	190.2	190.9	192.1
167.5°	132.6	135.1	137.2	139.2	141.4	143.1	144.4	145.2	145.6	145.6	145.8
170°	93.4	96.1	98.5	100.7	102.6	104.2	105.6	106.7	107.5	109.4	108.9
172.5°	60.5	61.9	63.1	64.2	65.1	65.8	66.4	66.7	66.9	67.7	67.1
175°	32.5	33.2	33.7	34.1	34.5	34.7	34.8	34.9	35.6	35.1	34.6
177.5°	11.0	11.0	11.0	11.0	11.0	10.9	11.2	11.0	10.8	10.5	10.3
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	357.5°	360°
0°	0.0	0.0
2.5°	10.1	9.9
5°	34.2	33.7
7.5°	66.4	65.8
10°	108.3	107.7
12.5°	144.5	143.1
15°	191.0	189.9
17.5°	235.7	234.3
20°	279.4	277.9
22.5°	323.4	321.5
25°	369.5	368.4
27.5°	409.5	407.8
30°	451.0	448.9
32.5°	492.5	490.9
35°	530.7	529.5
37.5°	568.6	567.3
40°	605.2	605.2
42.5°	641.7	641.3
45°	675.5	676.7
47.5°	707.5	707.9
50°	740.2	739.2
52.5°	770.9	768.8
55°	797.8	798.4
57.5°	824.4	826.3
60°	849.5	850.2
62.5°	873.0	875.7
65°	895.9	894.6
67.5°	915.0	916.0
70°	932.4	934.0
72.5°	947.6	948.8
75°	961.1	963.6
77.5°	971.8	976.0
80°	980.9	985.8
82.5°	989.0	993.2
85°	994.8	999.0
87.5°	988.0	1002.3
90°	982.6	992.4
92.5°	988.0	1002.3
95°	994.8	999.0
97.5°	989.0	993.2
100°	980.9	985.8
102.5°	971.8	976.0
105°	961.1	963.6
107.5°	947.6	948.8
110°	932.4	934.0



TEST NUMBER: P231998

CATALOG NUMBER: FVS4WM-4-LD4-40-2STD-PFS125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	357.5°	360°
112.5°	915.0	916.0
115°	895.9	894.6
117.5°	873.0	875.7
120°	849.5	850.2
122.5°	824.4	826.3
125°	797.8	798.4
127.5°	770.9	768.8
130°	740.2	739.2
132.5°	707.5	707.9
135°	675.5	676.7
137.5°	641.7	641.3
140°	605.2	605.2
142.5°	568.6	567.3
145°	530.7	529.5
147.5°	492.5	490.9
150°	451.0	448.9
152.5°	409.5	407.8
155°	369.5	368.4
157.5°	323.4	321.5
160°	279.4	277.9
162.5°	235.7	234.3
165°	191.0	189.9
167.5°	144.5	143.1
170°	108.3	107.7
172.5°	66.4	65.8
175°	34.2	33.7
177.5°	10.1	9.9
180°	0.0	0.0

(END OF REPORT)