

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: P231993

Luminaire Tested: **FVS4WM-4-LD4-35-2LO-PFS125-UNV-EDC1**

Issue Date: 3/3/2020



**Test Information**

Test Method: LM-79-08  
Report Number: P231993  
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-LD4-35-2LO-PFS125-UNV-EDC1  
Description: FAILSAFE FVS LED FIXTURE  
4FT LENGTH, 2-MODULE LED WITH PFS125 LENS  
Light Source: (168) 3500K CCT, 80 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

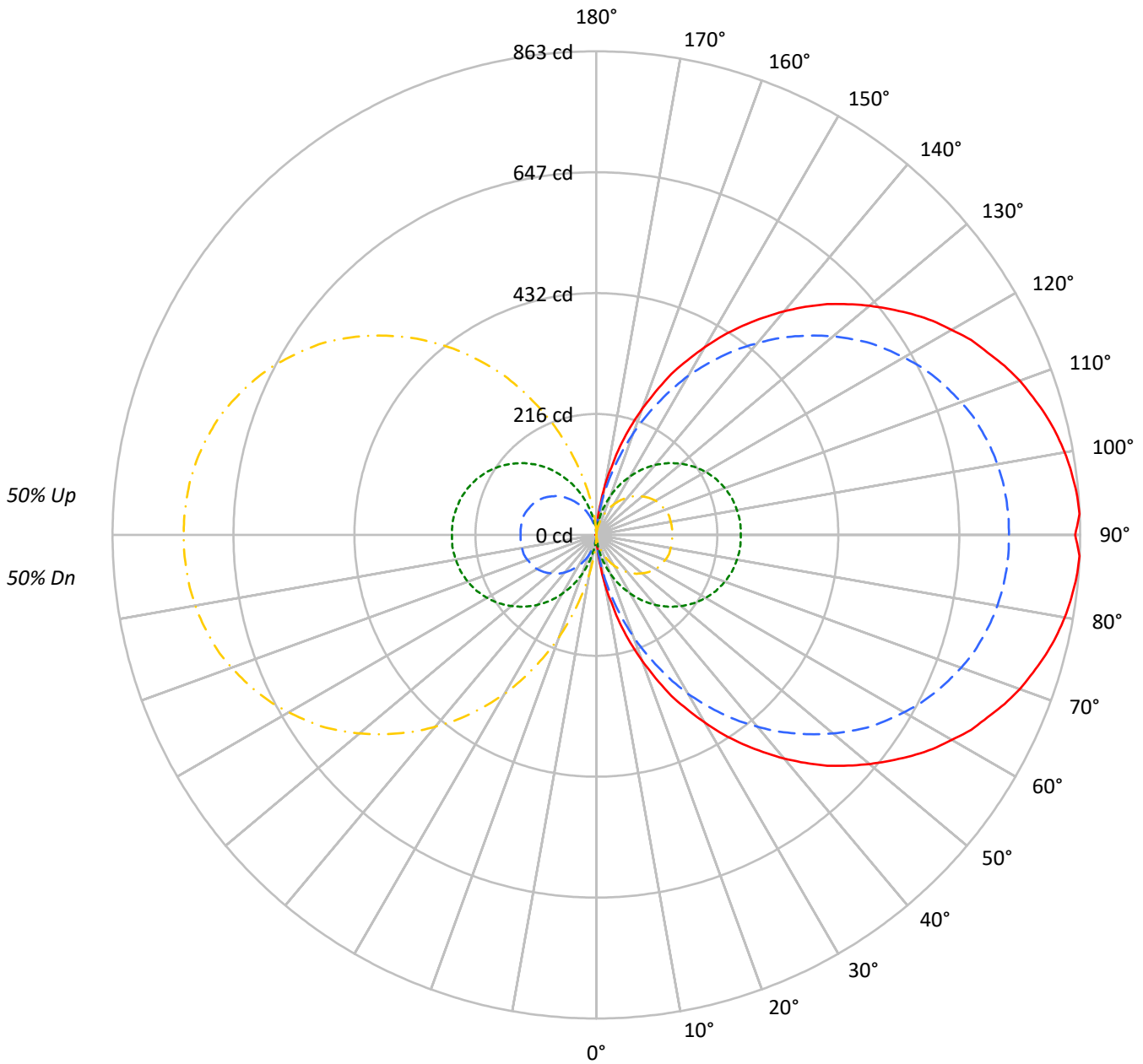
Lumens per Lamp: N/A  
Luminaire Lumens: 3826.7 lumens  
Efficiency: N/A  
Efficacy: 66.7 lumens/watt  
Spacing Criteria (0/90/45): - / - / -  
Luminous Opening: Rectangular w/ Sides (W: 3.79' x L: 0.19' x H: 0.31')  
CIE Type: General Diffuse

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°	385	128	0	128
10°	1101	418	0	418
15°	1772	770	0	770
20°	2399	1162	0	1162
25°	2980	1583	0	1583
30°	3443	2019	0	2019
35°	3887	2497	0	2497
40°	4292	3010	0	3010
45°	4676	3582	0	3582
50°	5017	4234	6	4234
55°	5366	5014	5	5014
60°	5701	5962	5	5962
65°	6030	7173	5	7173
70°	6379	8811	6	8811
75°	6719	11207	6	11207
80°	7077	15134	0	15134
85°	7449	23043	0	23043



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	2.1	0.1
10°-20°	21.4	0.6
20°-30°	67.0	1.8
30°-40°	133.2	3.5
40°-50°	210.4	5.5
50°-60°	288.0	7.5
60°-70°	355.9	9.3
70°-80°	405.4	10.6
80°-90°	429.9	11.2
90°-100°	429.9	11.2
100°-110°	405.4	10.6
110°-120°	355.9	9.3
120°-130°	288.0	7.5
130°-140°	210.4	5.5
140°-150°	133.2	3.5
150°-160°	67.0	1.8
160°-170°	21.4	0.6
170°-180°	2.1	0.1
0°-30°	90.5	2.4
0°-40°	223.7	5.8
0°-60°	722.2	18.9
0°-90°	1913.4	50.0
90°-120°	1191.2	31.1
90°-150°	1822.8	47.6
90°-180°	1913.0	50.0
0°-180°	3826.7	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	0	0	0	0	0	
5°	29	8	0	8	29	5
15°	164	50	0	50	164	49
25°	317	98	0	98	317	148
35°	456	143	0	143	456	287
45°	582	181	0	181	582	451
55°	687	212	1	212	687	616
65°	770	236	1	236	770	765
75°	829	250	1	250	829	876
85°	860	258	0	258	860	700
90°	854	258	0	258	854	470
95°	860	258	0	258	860	700
105°	829	250	1	250	829	876
115°	770	236	1	236	770	765
125°	687	212	1	212	687	616
135°	582	181	0	181	582	451
145°	456	143	0	143	456	287
155°	317	98	0	98	317	148
165°	164	50	0	50	164	49
175°	29	8	0	8	29	5
180°	0	0	0	0	0	



TEST NUMBER: P231993

CATALOG NUMBER: FVS4WM-4-LD4-35-2LO-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°	8.5	8.7	8.9	9.1	9.2	9.4	9.6	9.4	9.4	9.5	9.5
5°	29.0	29.4	29.8	30.2	30.6	30.0	30.0	29.9	29.6	29.4	29.0
7.5°	56.6	57.2	57.7	58.3	57.6	57.4	57.1	56.6	56.0	55.3	54.3
10°	92.7	93.2	93.7	94.2	92.5	91.9	90.9	89.7	88.3	86.7	84.8
12.5°	123.1	124.3	125.4	125.2	125.3	124.9	124.2	123.2	121.7	119.8	118.1
15°	163.5	164.4	165.4	164.3	163.6	162.6	161.2	159.4	157.7	156.4	154.5
17.5°	201.7	202.9	204.2	203.0	202.3	201.1	199.4	197.9	196.5	194.7	192.4
20°	239.2	240.5	241.8	240.4	239.7	238.3	237.1	236.2	234.7	232.5	229.8
22.5°	276.7	278.3	279.9	278.4	277.6	276.3	275.8	274.6	272.7	270.1	266.8
25°	317.0	318.0	317.4	316.5	315.0	314.6	314.2	313.1	311.1	308.4	305.7
27.5°	351.0	352.5	352.3	351.8	350.7	351.2	350.9	349.9	347.9	346.3	343.3
30°	386.4	388.2	388.2	387.8	387.6	387.6	386.9	385.4	383.7	381.4	378.3
32.5°	422.4	423.8	423.2	422.2	423.1	423.3	422.6	421.3	419.5	416.7	412.9
35°	455.7	456.7	455.7	454.9	456.9	457.9	457.7	456.9	455.3	452.3	448.9
37.5°	488.3	489.4	488.3	488.1	489.5	490.2	490.8	490.5	488.8	486.7	483.4
40°	520.8	520.8	518.6	519.4	521.2	521.9	522.7	522.7	521.9	519.9	517.2
42.5°	551.9	552.2	550.0	551.4	552.8	553.8	554.3	553.8	552.5	550.6	547.9
45°	582.4	581.3	577.8	580.4	582.0	583.7	584.3	585.4	582.8	580.1	577.0
47.5°	609.3	608.9	606.8	609.6	611.3	612.7	613.2	613.0	611.8	609.6	606.0
50°	636.1	637.0	635.7	636.2	638.2	640.4	641.5	640.9	639.6	637.2	633.5
52.5°	661.6	663.5	662.9	662.4	664.2	666.0	667.7	667.6	666.4	663.1	658.2
55°	687.1	686.6	686.0	686.9	689.3	691.5	693.2	692.9	691.1	687.1	681.5
57.5°	711.2	709.5	708.8	710.7	713.4	715.6	717.0	716.8	714.9	709.5	702.5
60°	731.7	731.1	730.4	732.7	735.6	737.6	739.9	738.8	736.3	730.7	723.7
62.5°	753.6	751.4	750.2	752.7	756.0	758.7	760.0	758.3	754.9	750.9	743.4
65°	769.9	771.0	768.8	771.8	775.7	777.3	778.4	776.1	772.0	767.0	761.5
67.5°	788.3	787.4	786.5	789.5	793.6	795.6	794.8	791.9	788.9	783.7	778.1
70°	803.9	802.5	801.7	805.0	808.6	810.6	808.7	806.1	803.1	799.1	793.5
72.5°	816.6	815.6	814.7	819.4	822.5	822.7	820.9	818.2	816.0	812.6	807.1
75°	829.3	827.1	827.3	831.9	833.2	831.7	830.2	829.5	828.1	824.7	818.5
77.5°	839.9	836.4	837.9	841.1	840.4	839.4	839.9	840.0	838.1	834.2	828.0
80°	848.4	844.2	846.6	847.0	844.9	847.4	849.4	848.8	845.9	842.0	835.2
82.5°	854.8	851.2	851.1	847.9	851.8	854.7	855.2	853.8	851.0	846.5	840.4
85°	859.8	856.1	849.3	853.5	856.3	857.3	857.4	856.5	853.9	849.6	843.6
87.5°	862.6	850.3	852.0	853.9	856.3	857.8	858.1	856.6	854.9	850.5	844.7
90°	854.1	845.6	846.3	850.6	853.4	855.5	856.2	855.5	854.1	849.8	843.5
92.5°	862.6	850.3	852.0	853.9	856.3	857.8	858.1	856.6	854.9	850.5	844.7
95°	859.8	856.1	849.3	853.5	856.3	857.3	857.4	856.5	853.9	849.6	843.6
97.5°	854.8	851.2	851.1	847.9	851.8	854.7	855.2	853.8	851.0	846.5	840.4
100°	848.4	844.2	846.6	847.0	844.9	847.4	849.4	848.8	845.9	842.0	835.2
102.5°	839.9	836.4	837.9	841.1	840.4	839.4	839.9	840.0	838.1	834.2	828.0
105°	829.3	827.1	827.3	831.9	833.2	831.7	830.2	829.5	828.1	824.7	818.5
107.5°	816.6	815.6	814.7	819.4	822.5	822.7	820.9	818.2	816.0	812.6	807.1
110°	803.9	802.5	801.7	805.0	808.6	810.6	808.7	806.1	803.1	799.1	793.5



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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°	788.3	787.4	786.5	789.5	793.6	795.6	794.8	791.9	788.9	783.7	778.1
115°	769.9	771.0	768.8	771.8	775.7	777.3	778.4	776.1	772.0	767.0	761.5
117.5°	753.6	751.4	750.2	752.7	756.0	758.7	760.0	758.3	754.9	750.9	743.4
120°	731.7	731.1	730.4	732.7	735.6	737.6	739.9	738.8	736.3	730.7	723.7
122.5°	711.2	709.5	708.8	710.7	713.4	715.6	717.0	716.8	714.9	709.5	702.5
125°	687.1	686.6	686.0	686.9	689.3	691.5	693.2	692.9	691.1	687.1	681.5
127.5°	661.6	663.5	662.9	662.4	664.2	666.0	667.7	667.6	666.4	663.1	658.2
130°	636.1	637.0	635.7	636.2	638.2	640.4	641.5	640.9	639.6	637.2	633.5
132.5°	609.3	608.9	606.8	609.6	611.3	612.7	613.2	613.0	611.8	609.6	606.0
135°	582.4	581.3	577.8	580.4	582.0	583.7	584.3	585.4	582.8	580.1	577.0
137.5°	551.9	552.2	550.0	551.4	552.8	553.8	554.3	553.8	552.5	550.6	547.9
140°	520.8	520.8	518.6	519.4	521.2	521.9	522.7	522.7	521.9	519.9	517.2
142.5°	488.3	489.4	488.3	488.1	489.5	490.2	490.8	490.5	488.8	486.7	483.4
145°	455.7	456.7	455.7	454.9	456.9	457.9	457.7	456.9	455.3	452.3	448.9
147.5°	422.4	423.8	423.2	422.2	423.1	423.3	422.6	421.3	419.5	416.7	412.9
150°	386.4	388.2	388.2	387.8	387.6	387.6	386.9	385.4	383.7	381.4	378.3
152.5°	351.0	352.5	352.3	351.8	350.7	351.2	350.9	349.9	347.9	346.3	343.3
155°	317.0	318.0	317.4	316.5	315.0	314.6	314.2	313.1	311.1	308.4	305.7
157.5°	276.7	278.3	279.9	278.4	277.6	276.3	275.8	274.6	272.7	270.1	266.8
160°	239.2	240.5	241.8	240.4	239.7	238.3	237.1	236.2	234.7	232.5	229.8
162.5°	201.7	202.9	204.2	203.0	202.3	201.1	199.4	197.9	196.5	194.7	192.4
165°	163.5	164.4	165.4	164.3	163.6	162.6	161.2	159.4	157.7	156.4	154.5
167.5°	123.1	124.3	125.4	125.2	125.3	124.9	124.2	123.2	121.7	119.8	118.1
170°	92.7	93.2	93.7	94.2	92.5	91.9	90.9	89.7	88.3	86.7	84.8
172.5°	56.6	57.2	57.7	58.3	57.6	57.4	57.1	56.6	56.0	55.3	54.3
175°	29.0	29.4	29.8	30.2	30.6	30.0	30.0	29.9	29.6	29.4	29.0
177.5°	8.5	8.7	8.9	9.1	9.2	9.4	9.6	9.4	9.4	9.5	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



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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°	9.5	9.5	9.5	9.4	9.3	9.2	9.1	9.0	8.9	8.7	8.5
5°	28.5	28.0	27.4	26.7	25.9	25.1	24.2	23.2	22.1	21.0	19.8
7.5°	53.3	52.1	50.7	49.2	47.6	45.9	43.8	42.5	40.8	39.3	37.9
10°	82.7	80.4	78.9	77.1	75.1	73.0	70.8	68.7	66.3	63.7	60.9
12.5°	116.3	114.1	111.6	108.7	105.7	102.9	99.9	96.7	93.4	89.9	86.3
15°	152.2	149.4	146.2	142.7	138.8	134.6	130.3	126.1	121.6	117.5	113.1
17.5°	189.6	186.5	182.8	178.7	174.5	169.9	164.8	159.6	154.3	148.7	142.8
20°	226.6	223.0	219.2	215.1	210.5	205.5	199.8	193.6	186.8	179.7	172.5
22.5°	263.8	260.3	256.0	250.8	244.8	238.9	233.2	227.0	220.4	212.0	203.2
25°	302.3	298.2	293.5	288.1	282.1	275.2	267.6	259.6	252.0	243.8	236.1
27.5°	339.3	334.8	330.0	324.4	318.0	311.1	304.9	294.3	284.3	273.7	263.2
30°	374.4	370.4	366.4	359.6	352.7	345.0	336.5	327.5	317.7	305.6	292.6
32.5°	409.8	405.4	400.2	393.7	386.5	377.8	368.4	358.3	348.2	337.2	323.6
35°	445.0	440.5	434.5	427.7	420.0	410.6	399.9	388.7	376.7	364.6	352.2
37.5°	478.8	473.5	467.4	461.4	452.0	442.2	430.6	418.8	406.1	392.1	378.2
40°	512.5	506.1	499.3	491.5	482.1	471.5	459.3	446.7	434.2	420.0	404.6
42.5°	542.9	536.7	529.4	521.1	513.5	500.8	488.1	474.9	461.6	446.4	430.3
45°	572.4	565.3	557.3	548.8	539.0	528.1	515.0	501.2	487.0	471.7	454.4
47.5°	601.0	593.2	584.5	575.5	565.2	553.3	540.9	526.6	511.2	495.4	477.8
50°	630.5	622.3	611.0	601.4	592.1	578.4	565.0	551.3	535.0	517.8	499.9
52.5°	652.8	645.6	635.3	625.4	614.8	603.5	588.6	574.1	558.6	539.8	520.7
55°	675.0	668.0	658.1	647.5	637.2	624.6	610.7	596.8	578.8	560.0	541.2
57.5°	696.0	688.9	679.8	669.1	658.1	645.5	630.7	615.1	598.2	579.5	558.8
60°	716.9	709.3	700.0	689.0	677.6	664.6	650.0	633.5	615.6	596.5	576.2
62.5°	736.3	728.6	719.1	708.1	695.6	682.3	667.2	650.8	632.5	612.4	591.7
65°	754.6	746.9	737.0	726.2	712.9	698.5	682.8	666.2	647.1	626.8	605.6
67.5°	771.7	764.0	753.1	741.4	729.0	713.9	697.4	679.7	660.4	640.0	618.4
70°	786.7	778.2	768.5	754.8	741.8	727.1	710.4	692.5	673.4	652.5	630.4
72.5°	800.4	790.9	780.5	767.7	753.4	738.5	721.9	704.3	684.0	662.9	640.1
75°	811.4	802.0	791.0	779.0	764.0	748.4	731.6	712.6	692.4	671.5	648.6
77.5°	820.3	810.8	799.6	786.8	772.3	756.5	739.3	720.4	699.9	678.5	655.6
80°	827.2	817.9	806.4	793.7	779.7	763.2	745.1	726.5	706.3	684.5	661.1
82.5°	832.7	822.8	811.3	798.4	784.1	767.5	749.4	731.1	711.4	689.5	665.6
85°	835.5	826.1	814.2	801.3	786.4	769.8	752.2	733.8	712.8	691.3	668.2
87.5°	836.7	827.9	816.6	803.0	788.2	771.3	754.5	735.9	714.7	692.8	670.1
90°	836.4	827.2	817.3	802.4	787.6	771.3	755.0	735.9	716.1	692.8	670.1
92.5°	836.7	827.9	816.6	803.0	788.2	771.3	754.5	735.9	714.7	692.8	670.1
95°	835.5	826.1	814.2	801.3	786.4	769.8	752.2	733.8	712.8	691.3	668.2
97.5°	832.7	822.8	811.3	798.4	784.1	767.5	749.4	731.1	711.4	689.5	665.6
100°	827.2	817.9	806.4	793.7	779.7	763.2	745.1	726.5	706.3	684.5	661.1
102.5°	820.3	810.8	799.6	786.8	772.3	756.5	739.3	720.4	699.9	678.5	655.6
105°	811.4	802.0	791.0	779.0	764.0	748.4	731.6	712.6	692.4	671.5	648.6
107.5°	800.4	790.9	780.5	767.7	753.4	738.5	721.9	704.3	684.0	662.9	640.1
110°	786.7	778.2	768.5	754.8	741.8	727.1	710.4	692.5	673.4	652.5	630.4





TEST NUMBER: P231993

CATALOG NUMBER: FVS4WM-4-LD4-35-2LO-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°	771.7	764.0	753.1	741.4	729.0	713.9	697.4	679.7	660.4	640.0	618.4
115°	754.6	746.9	737.0	726.2	712.9	698.5	682.8	666.2	647.1	626.8	605.6
117.5°	736.3	728.6	719.1	708.1	695.6	682.3	667.2	650.8	632.5	612.4	591.7
120°	716.9	709.3	700.0	689.0	677.6	664.6	650.0	633.5	615.6	596.5	576.2
122.5°	696.0	688.9	679.8	669.1	658.1	645.5	630.7	615.1	598.2	579.5	558.8
125°	675.0	668.0	658.1	647.5	637.2	624.6	610.7	596.8	578.8	560.0	541.2
127.5°	652.8	645.6	635.3	625.4	614.8	603.5	588.6	574.1	558.6	539.8	520.7
130°	630.5	622.3	611.0	601.4	592.1	578.4	565.0	551.3	535.0	517.8	499.9
132.5°	601.0	593.2	584.5	575.5	565.2	553.3	540.9	526.6	511.2	495.4	477.8
135°	572.4	565.3	557.3	548.8	539.0	528.1	515.0	501.2	487.0	471.7	454.4
137.5°	542.9	536.7	529.4	521.1	513.5	500.8	488.1	474.9	461.6	446.4	430.3
140°	512.5	506.1	499.3	491.5	482.1	471.5	459.3	446.7	434.2	420.0	404.6
142.5°	478.8	473.5	467.4	461.4	452.0	442.2	430.6	418.8	406.1	392.1	378.2
145°	445.0	440.5	434.5	427.7	420.0	410.6	399.9	388.7	376.7	364.6	352.2
147.5°	409.8	405.4	400.2	393.7	386.5	377.8	368.4	358.3	348.2	337.2	323.6
150°	374.4	370.4	366.4	359.6	352.7	345.0	336.5	327.5	317.7	305.6	292.6
152.5°	339.3	334.8	330.0	324.4	318.0	311.1	304.9	294.3	284.3	273.7	263.2
155°	302.3	298.2	293.5	288.1	282.1	275.2	267.6	259.6	252.0	243.8	236.1
157.5°	263.8	260.3	256.0	250.8	244.8	238.9	233.2	227.0	220.4	212.0	203.2
160°	226.6	223.0	219.2	215.1	210.5	205.5	199.8	193.6	186.8	179.7	172.5
162.5°	189.6	186.5	182.8	178.7	174.5	169.9	164.8	159.6	154.3	148.7	142.8
165°	152.2	149.4	146.2	142.7	138.8	134.6	130.3	126.1	121.6	117.5	113.1
167.5°	116.3	114.1	111.6	108.7	105.7	102.9	99.9	96.7	93.4	89.9	86.3
170°	82.7	80.4	78.9	77.1	75.1	73.0	70.8	68.7	66.3	63.7	60.9
172.5°	53.3	52.1	50.7	49.2	47.6	45.9	43.8	42.5	40.8	39.3	37.9
175°	28.5	28.0	27.4	26.7	25.9	25.1	24.2	23.2	22.1	21.0	19.8
177.5°	9.5	9.5	9.5	9.4	9.3	9.2	9.1	9.0	8.9	8.7	8.5
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: P231993

CATALOG NUMBER: FVS4WM-4-LD4-35-2LO-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°	8.4	8.2	7.9	7.7	7.4	7.2	6.9	6.6	6.3	6.0	5.7
5°	18.5	17.2	15.9	15.4	14.9	14.4	13.8	13.2	12.6	12.0	11.3
7.5°	36.4	34.9	33.2	31.4	29.6	27.6	25.6	24.7	23.9	23.1	22.2
10°	57.8	54.5	51.2	48.8	46.5	44.0	41.5	38.8	36.1	34.6	33.4
12.5°	82.4	78.3	74.1	69.8	65.3	61.5	58.5	55.3	51.8	48.3	46.0
15°	108.2	102.8	97.7	92.1	87.1	81.9	76.6	72.4	68.2	63.7	59.0
17.5°	137.5	129.8	122.7	115.3	108.4	102.8	96.8	90.5	85.2	80.0	74.6
20°	165.1	157.2	149.1	141.1	133.1	125.0	117.8	110.3	102.4	96.3	90.2
22.5°	193.7	184.6	175.1	165.3	156.5	147.5	138.0	129.5	120.9	112.7	105.8
25°	223.9	213.0	202.2	191.5	180.4	169.5	158.4	147.3	138.4	129.3	121.4
27.5°	251.9	240.3	228.8	217.2	205.0	192.1	179.4	166.6	155.3	145.0	135.1
30°	279.9	267.2	254.7	242.0	228.5	214.2	199.6	186.3	173.5	160.8	148.4
32.5°	309.0	295.0	281.4	267.2	252.2	236.4	220.3	205.0	190.5	176.6	163.1
35°	337.7	321.8	306.4	290.8	274.5	257.8	240.8	224.4	207.8	192.1	177.9
37.5°	364.0	347.8	330.8	313.7	297.2	278.4	260.3	242.2	224.6	207.0	191.7
40°	388.9	372.5	354.8	336.5	317.4	298.1	278.6	259.9	241.1	222.3	205.2
42.5°	413.3	395.8	377.8	358.8	338.8	317.9	296.9	276.5	256.3	236.7	218.0
45°	436.6	418.5	399.2	379.2	358.6	336.3	314.4	292.7	270.9	250.2	230.6
47.5°	458.9	439.5	419.3	399.7	377.1	354.4	331.2	308.9	285.4	262.9	241.9
50°	480.5	460.3	438.9	416.9	394.4	371.4	347.6	324.4	300.0	275.3	253.0
52.5°	500.8	480.1	457.8	434.8	411.3	387.3	362.9	338.2	312.8	286.6	263.5
55°	519.9	498.6	475.9	452.1	426.9	402.0	376.5	350.5	324.1	297.6	273.7
57.5°	537.6	515.7	493.3	468.8	442.4	415.9	389.8	362.9	335.0	307.5	282.6
60°	554.6	531.8	507.2	482.7	456.3	428.3	401.9	375.2	346.1	316.9	290.9
62.5°	569.3	545.9	520.6	494.9	469.6	440.2	412.9	385.2	355.9	326.3	299.1
65°	583.0	559.2	533.9	507.5	480.8	452.0	423.1	393.7	364.6	335.4	307.1
67.5°	595.2	571.3	546.1	520.2	491.1	462.3	432.5	402.3	372.2	342.6	313.8
70°	606.5	581.8	556.4	528.9	500.5	470.7	440.6	410.7	379.6	348.8	320.2
72.5°	616.6	591.3	565.6	537.3	508.5	478.7	447.4	417.0	385.6	354.3	325.4
75°	624.7	599.7	573.1	544.2	515.1	485.8	453.5	421.8	390.9	359.4	330.2
77.5°	631.3	606.7	579.9	550.1	520.3	490.9	458.3	426.1	394.8	363.0	333.1
80°	636.3	611.7	584.1	555.1	524.0	494.1	461.9	429.9	398.0	366.1	335.6
82.5°	640.1	615.6	587.2	559.2	527.8	497.8	464.9	433.0	401.4	368.7	339.2
85°	642.8	617.6	589.4	562.3	531.2	502.8	468.3	436.5	405.3	371.4	341.0
87.5°	644.6	618.6	591.2	563.4	532.5	502.1	469.4	436.9	405.8	372.9	340.8
90°	644.6	617.7	591.6	562.6	532.1	501.0	470.6	437.3	406.2	374.3	340.4
92.5°	644.6	618.6	591.2	563.4	532.5	502.1	469.4	436.9	405.8	372.9	340.8
95°	642.8	617.6	589.4	562.3	531.2	502.8	468.3	436.5	405.3	371.4	341.0
97.5°	640.1	615.6	587.2	559.2	527.8	497.8	464.9	433.0	401.4	368.7	339.2
100°	636.3	611.7	584.1	555.1	524.0	494.1	461.9	429.9	398.0	366.1	335.6
102.5°	631.3	606.7	579.9	550.1	520.3	490.9	458.3	426.1	394.8	363.0	333.1
105°	624.7	599.7	573.1	544.2	515.1	485.8	453.5	421.8	390.9	359.4	330.2
107.5°	616.6	591.3	565.6	537.3	508.5	478.7	447.4	417.0	385.6	354.3	325.4
110°	606.5	581.8	556.4	528.9	500.5	470.7	440.6	410.7	379.6	348.8	320.2



TEST NUMBER: P231993

CATALOG NUMBER: FVS4WM-4-LD4-35-2LO-PFS125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
112.5°	595.2	571.3	546.1	520.2	491.1	462.3	432.5	402.3	372.2	342.6	313.8
115°	583.0	559.2	533.9	507.5	480.8	452.0	423.1	393.7	364.6	335.4	307.1
117.5°	569.3	545.9	520.6	494.9	469.6	440.2	412.9	385.2	355.9	326.3	299.1
120°	554.6	531.8	507.2	482.7	456.3	428.3	401.9	375.2	346.1	316.9	290.9
122.5°	537.6	515.7	493.3	468.8	442.4	415.9	389.8	362.9	335.0	307.5	282.6
125°	519.9	498.6	475.9	452.1	426.9	402.0	376.5	350.5	324.1	297.6	273.7
127.5°	500.8	480.1	457.8	434.8	411.3	387.3	362.9	338.2	312.8	286.6	263.5
130°	480.5	460.3	438.9	416.9	394.4	371.4	347.6	324.4	300.0	275.3	253.0
132.5°	458.9	439.5	419.3	399.7	377.1	354.4	331.2	308.9	285.4	262.9	241.9
135°	436.6	418.5	399.2	379.2	358.6	336.3	314.4	292.7	270.9	250.2	230.6
137.5°	413.3	395.8	377.8	358.8	338.8	317.9	296.9	276.5	256.3	236.7	218.0
140°	388.9	372.5	354.8	336.5	317.4	298.1	278.6	259.9	241.1	222.3	205.2
142.5°	364.0	347.8	330.8	313.7	297.2	278.4	260.3	242.2	224.6	207.0	191.7
145°	337.7	321.8	306.4	290.8	274.5	257.8	240.8	224.4	207.8	192.1	177.9
147.5°	309.0	295.0	281.4	267.2	252.2	236.4	220.3	205.0	190.5	176.6	163.1
150°	279.9	267.2	254.7	242.0	228.5	214.2	199.6	186.3	173.5	160.8	148.4
152.5°	251.9	240.3	228.8	217.2	205.0	192.1	179.4	166.6	155.3	145.0	135.1
155°	223.9	213.0	202.2	191.5	180.4	169.5	158.4	147.3	138.4	129.3	121.4
157.5°	193.7	184.6	175.1	165.3	156.5	147.5	138.0	129.5	120.9	112.7	105.8
160°	165.1	157.2	149.1	141.1	133.1	125.0	117.8	110.3	102.4	96.3	90.2
162.5°	137.5	129.8	122.7	115.3	108.4	102.8	96.8	90.5	85.2	80.0	74.6
165°	108.2	102.8	97.7	92.1	87.1	81.9	76.6	72.4	68.2	63.7	59.0
167.5°	82.4	78.3	74.1	69.8	65.3	61.5	58.5	55.3	51.8	48.3	46.0
170°	57.8	54.5	51.2	48.8	46.5	44.0	41.5	38.8	36.1	34.6	33.4
172.5°	36.4	34.9	33.2	31.4	29.6	27.6	25.6	24.7	23.9	23.1	22.2
175°	18.5	17.2	15.9	15.4	14.9	14.4	13.8	13.2	12.6	12.0	11.3
177.5°	8.4	8.2	7.9	7.7	7.4	7.2	6.9	6.6	6.3	6.0	5.7
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: P231993

CATALOG NUMBER: FVS4WM-4-LD4-35-2LO-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°	5.3	5.0	4.6	4.3	4.2	4.2	4.2	4.1	4.1	4.0	4.0
5°	10.6	9.9	9.2	8.5	8.4	8.3	8.2	8.1	8.0	7.9	7.7
7.5°	21.3	20.2	19.2	18.1	17.8	17.6	17.3	16.9	16.5	16.1	15.6
10°	32.1	30.6	29.2	27.6	27.2	26.7	26.2	25.6	25.0	24.3	23.6
12.5°	44.4	42.7	40.8	38.9	38.3	37.6	36.9	36.0	35.1	34.2	33.3
15°	56.8	54.7	52.5	50.2	49.4	48.5	47.5	46.4	45.5	44.5	43.4
17.5°	70.1	67.7	65.0	62.3	61.3	60.3	59.1	57.9	56.7	55.4	53.9
20°	83.9	80.7	77.6	74.3	73.3	72.0	70.7	69.4	67.9	66.4	64.5
22.5°	98.7	93.8	90.2	86.4	85.0	83.5	82.0	80.6	79.0	77.1	75.1
25°	113.5	106.9	102.8	98.4	96.8	95.0	93.4	91.8	90.0	87.8	85.5
27.5°	126.9	119.1	114.5	109.7	108.0	106.0	104.4	102.7	100.6	98.3	95.7
30°	139.8	131.2	126.2	121.0	119.1	117.1	115.4	113.6	111.3	108.7	106.0
32.5°	152.7	143.2	137.3	132.0	129.8	127.5	125.8	123.9	121.4	118.7	115.8
35°	165.6	155.2	148.5	142.9	140.4	138.0	136.2	134.0	131.4	128.4	125.1
37.5°	177.6	166.5	158.8	152.9	149.9	147.4	145.6	143.3	140.7	137.4	134.0
40°	189.4	177.7	169.1	162.8	159.5	156.8	154.9	152.4	149.5	146.2	142.6
42.5°	200.4	188.1	178.6	172.0	168.5	165.7	163.7	161.2	158.1	154.7	150.9
45°	211.9	198.3	188.1	181.1	177.5	174.6	172.3	170.0	166.5	162.6	158.5
47.5°	222.5	207.6	196.5	189.3	185.5	182.6	180.3	178.0	174.3	170.2	166.0
50°	232.9	216.7	204.9	197.4	193.6	190.6	188.2	185.8	181.9	177.6	173.3
52.5°	242.9	225.9	213.2	204.9	200.8	197.9	195.4	192.7	188.7	184.5	180.1
55°	252.6	235.0	221.5	212.3	208.1	205.2	202.6	199.4	195.2	191.0	186.2
57.5°	260.9	242.4	227.8	218.7	214.1	211.2	208.5	205.2	201.0	196.6	192.0
60°	268.8	249.8	234.1	225.0	220.1	217.1	214.3	210.9	206.5	201.9	198.0
62.5°	275.4	255.3	240.0	230.3	225.6	222.3	219.3	215.8	211.5	206.8	202.5
65°	281.8	260.6	245.9	235.6	231.1	227.6	224.2	220.7	216.4	211.5	206.6
67.5°	287.2	265.3	249.7	239.9	235.0	231.7	228.6	224.8	220.2	215.3	210.3
70°	292.4	270.1	253.4	244.1	238.8	235.8	233.0	228.6	223.7	218.7	213.8
72.5°	297.0	273.8	257.1	247.3	241.9	239.0	235.9	231.9	226.8	221.8	216.7
75°	301.5	277.5	261.1	250.5	245.0	242.1	238.7	235.1	229.8	224.7	219.3
77.5°	304.5	280.0	263.2	252.6	247.1	244.2	240.8	236.9	231.5	226.8	221.1
80°	307.3	283.0	265.4	254.7	249.2	246.4	242.8	238.6	233.1	228.7	222.6
82.5°	310.3	284.8	266.8	256.2	250.2	247.4	243.8	239.6	234.3	229.5	223.8
85°	312.1	286.6	268.2	257.6	251.2	248.4	244.8	240.6	235.6	230.1	225.0
87.5°	312.1	286.9	268.5	257.6	251.6	248.8	245.2	241.0	235.6	230.4	225.0
90°	312.1	287.3	268.9	257.6	251.9	249.1	245.5	241.3	235.6	230.7	225.0
92.5°	312.1	286.9	268.5	257.6	251.6	248.8	245.2	241.0	235.6	230.4	225.0
95°	312.1	286.6	268.2	257.6	251.2	248.4	244.8	240.6	235.6	230.1	225.0
97.5°	310.3	284.8	266.8	256.2	250.2	247.4	243.8	239.6	234.3	229.5	223.8
100°	307.3	283.0	265.4	254.7	249.2	246.4	242.8	238.6	233.1	228.7	222.6
102.5°	304.5	280.0	263.2	252.6	247.1	244.2	240.8	236.9	231.5	226.8	221.1
105°	301.5	277.5	261.1	250.5	245.0	242.1	238.7	235.1	229.8	224.7	219.3
107.5°	297.0	273.8	257.1	247.3	241.9	239.0	235.9	231.9	226.8	221.8	216.7
110°	292.4	270.1	253.4	244.1	238.8	235.8	233.0	228.6	223.7	218.7	213.8



TEST NUMBER: P231993

CATALOG NUMBER: FVS4WM-4-LD4-35-2LO-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°	287.2	265.3	249.7	239.9	235.0	231.7	228.6	224.8	220.2	215.3	210.3
115°	281.8	260.6	245.9	235.6	231.1	227.6	224.2	220.7	216.4	211.5	206.6
117.5°	275.4	255.3	240.0	230.3	225.6	222.3	219.3	215.8	211.5	206.8	202.5
120°	268.8	249.8	234.1	225.0	220.1	217.1	214.3	210.9	206.5	201.9	198.0
122.5°	260.9	242.4	227.8	218.7	214.1	211.2	208.5	205.2	201.0	196.6	192.0
125°	252.6	235.0	221.5	212.3	208.1	205.2	202.6	199.4	195.2	191.0	186.2
127.5°	242.9	225.9	213.2	204.9	200.8	197.9	195.4	192.7	188.7	184.5	180.1
130°	232.9	216.7	204.9	197.4	193.6	190.6	188.2	185.8	181.9	177.6	173.3
132.5°	222.5	207.6	196.5	189.3	185.5	182.6	180.3	178.0	174.3	170.2	166.0
135°	211.9	198.3	188.1	181.1	177.5	174.6	172.3	170.0	166.5	162.6	158.5
137.5°	200.4	188.1	178.6	172.0	168.5	165.7	163.7	161.2	158.1	154.7	150.9
140°	189.4	177.7	169.1	162.8	159.5	156.8	154.9	152.4	149.5	146.2	142.6
142.5°	177.6	166.5	158.8	152.9	149.9	147.4	145.6	143.3	140.7	137.4	134.0
145°	165.6	155.2	148.5	142.9	140.4	138.0	136.2	134.0	131.4	128.4	125.1
147.5°	152.7	143.2	137.3	132.0	129.8	127.5	125.8	123.9	121.4	118.7	115.8
150°	139.8	131.2	126.2	121.0	119.1	117.1	115.4	113.6	111.3	108.7	106.0
152.5°	126.9	119.1	114.5	109.7	108.0	106.0	104.4	102.7	100.6	98.3	95.7
155°	113.5	106.9	102.8	98.4	96.8	95.0	93.4	91.8	90.0	87.8	85.5
157.5°	98.7	93.8	90.2	86.4	85.0	83.5	82.0	80.6	79.0	77.1	75.1
160°	83.9	80.7	77.6	74.3	73.3	72.0	70.7	69.4	67.9	66.4	64.5
162.5°	70.1	67.7	65.0	62.3	61.3	60.3	59.1	57.9	56.7	55.4	53.9
165°	56.8	54.7	52.5	50.2	49.4	48.5	47.5	46.4	45.5	44.5	43.4
167.5°	44.4	42.7	40.8	38.9	38.3	37.6	36.9	36.0	35.1	34.2	33.3
170°	32.1	30.6	29.2	27.6	27.2	26.7	26.2	25.6	25.0	24.3	23.6
172.5°	21.3	20.2	19.2	18.0	17.8	17.6	17.3	16.9	16.5	16.1	15.6
175°	10.6	9.9	9.2	8.5	8.4	8.3	8.2	8.1	8.0	7.9	7.7
177.5°	5.3	5.0	4.6	4.3	4.2	4.2	4.2	4.1	4.1	4.0	4.0
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: P231993

CATALOG NUMBER: FVS4WM-4-LD4-35-2LO-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°	3.9	3.8	3.7	3.6	3.5	3.4	3.3	3.2	3.1	3.0	2.8
5°	7.5	7.4	7.2	7.0	6.8	6.5	6.3	6.1	5.8	5.6	5.3
7.5°	15.1	14.5	13.9	13.3	12.7	12.0	11.3	10.5	9.7	8.9	8.1
10°	22.9	22.2	21.4	20.5	19.6	18.7	17.7	16.7	15.6	14.5	13.4
12.5°	32.3	31.1	29.9	28.5	27.1	25.6	24.1	22.5	21.3	20.0	18.7
15°	42.2	40.7	39.1	37.4	35.7	34.0	32.3	30.5	28.6	26.7	24.6
17.5°	52.2	50.4	48.5	46.5	44.5	42.4	40.4	38.1	35.7	33.3	30.8
20°	62.6	60.6	58.5	56.2	53.9	51.3	48.5	45.6	42.7	39.8	37.2
22.5°	73.0	70.6	68.2	65.7	62.8	59.7	56.6	53.6	50.5	47.3	43.9
25°	83.0	80.3	77.6	74.7	71.6	68.3	65.0	61.5	58.0	54.4	50.7
27.5°	92.9	89.9	87.1	84.1	80.7	77.1	73.3	69.3	65.4	61.3	57.1
30°	103.0	99.7	96.4	92.8	89.1	85.2	81.0	76.7	72.4	68.0	63.4
32.5°	112.6	109.0	105.2	101.3	97.2	92.9	88.5	84.2	79.6	74.5	69.5
35°	121.6	117.8	113.8	109.6	105.2	100.8	96.5	91.6	86.3	80.9	75.6
37.5°	130.4	126.6	122.5	117.8	113.1	108.5	103.6	98.2	92.7	87.0	81.4
40°	138.8	134.6	130.1	125.4	120.7	115.9	110.2	104.5	98.8	93.0	87.3
42.5°	146.8	142.4	137.8	132.9	127.9	122.3	116.6	110.8	104.9	99.1	92.7
45°	154.2	149.6	144.9	139.8	134.5	128.9	122.9	116.8	110.7	104.4	97.8
47.5°	161.5	156.9	151.9	146.5	140.5	134.6	128.7	122.5	116.3	109.6	102.3
50°	168.7	163.7	158.4	152.6	146.3	140.5	134.2	127.6	121.1	114.0	106.6
52.5°	175.4	170.2	164.9	158.5	152.0	145.8	139.3	132.5	125.8	118.5	111.0
55°	181.2	175.9	170.4	163.8	157.4	151.1	144.4	137.2	130.0	122.6	115.0
57.5°	186.9	181.6	175.8	169.1	162.3	155.6	148.6	141.4	134.1	126.6	118.6
60°	192.1	186.5	180.3	173.6	166.8	159.9	152.9	145.3	137.6	129.9	121.9
62.5°	196.9	191.1	184.8	178.1	170.9	163.8	156.6	148.7	141.0	133.1	124.6
65°	201.1	194.8	188.4	181.7	174.5	167.5	160.0	152.0	144.0	135.7	126.8
67.5°	204.7	198.4	191.9	185.3	178.0	170.7	162.7	154.7	146.6	137.7	128.6
70°	208.0	201.5	195.1	188.2	180.7	173.3	165.3	157.2	149.0	139.6	130.5
72.5°	210.7	204.3	197.9	190.8	183.3	175.7	167.5	159.0	150.5	141.1	132.5
75°	213.1	206.3	199.7	192.4	185.0	177.4	169.2	160.6	151.7	142.8	134.1
77.5°	214.8	207.8	201.3	194.0	186.6	179.0	170.8	161.8	152.8	143.6	134.3
80°	216.2	209.2	202.7	195.1	187.5	179.7	171.4	162.3	153.4	144.0	134.6
82.5°	217.1	210.1	203.5	195.8	188.2	180.3	172.0	162.9	153.7	144.5	135.2
85°	218.0	211.0	203.9	196.2	188.9	180.6	172.7	163.1	154.3	145.1	135.4
87.5°	218.3	211.0	204.2	196.1	189.3	180.8	172.8	163.2	154.5	145.3	135.4
90°	218.7	210.9	204.5	196.0	189.6	181.1	172.7	163.5	154.3	145.1	135.2
92.5°	218.3	211.0	204.2	196.1	189.3	180.8	172.8	163.2	154.5	145.3	135.4
95°	218.0	211.0	203.9	196.2	188.9	180.6	172.7	163.1	154.3	145.1	135.4
97.5°	217.1	210.1	203.5	195.8	188.2	180.3	172.0	162.9	153.7	144.5	135.2
100°	216.2	209.2	202.7	195.1	187.5	179.7	171.4	162.3	153.4	144.0	134.6
102.5°	214.8	207.8	201.3	194.0	186.6	179.0	170.8	161.8	152.8	143.6	134.3
105°	213.1	206.3	199.7	192.4	185.0	177.4	169.2	160.6	151.7	142.8	134.1
107.5°	210.7	204.3	197.9	190.8	183.3	175.7	167.5	159.0	150.5	141.1	132.5
110°	208.0	201.5	195.1	188.2	180.7	173.3	165.3	157.2	149.0	139.6	130.5



TEST NUMBER: P231993

CATALOG NUMBER: FVS4WM-4-LD4-35-2LO-PFS125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
112.5°	204.7	198.4	191.9	185.3	178.0	170.7	162.7	154.7	146.6	137.7	128.6
115°	201.1	194.8	188.4	181.7	174.5	167.5	160.0	152.0	144.0	135.7	126.8
117.5°	196.9	191.1	184.8	178.1	170.9	163.8	156.6	148.7	141.0	133.1	124.6
120°	192.1	186.5	180.3	173.6	166.8	159.9	152.9	145.3	137.6	129.9	121.9
122.5°	186.9	181.6	175.8	169.1	162.3	155.6	148.6	141.4	134.1	126.6	118.6
125°	181.2	175.9	170.4	163.8	157.4	151.1	144.4	137.2	130.0	122.6	115.0
127.5°	175.4	170.2	164.9	158.5	152.0	145.8	139.3	132.5	125.8	118.5	111.0
130°	168.7	163.7	158.4	152.6	146.3	140.5	134.2	127.6	121.1	114.0	106.6
132.5°	161.5	156.9	151.9	146.5	140.5	134.6	128.7	122.5	116.3	109.6	102.3
135°	154.2	149.6	144.9	139.8	134.5	128.9	122.9	116.8	110.7	104.4	97.8
137.5°	146.8	142.4	137.8	132.9	127.9	122.3	116.6	110.8	104.9	99.1	92.7
140°	138.8	134.6	130.1	125.4	120.7	115.9	110.2	104.5	98.8	93.0	87.3
142.5°	130.4	126.6	122.5	117.8	113.1	108.5	103.6	98.2	92.7	87.0	81.4
145°	121.6	117.8	113.8	109.6	105.2	100.8	96.5	91.6	86.3	80.9	75.6
147.5°	112.6	109.0	105.2	101.3	97.2	92.9	88.5	84.2	79.6	74.5	69.5
150°	103.0	99.7	96.4	92.8	89.1	85.2	81.0	76.7	72.4	68.0	63.4
152.5°	92.9	89.9	87.1	84.1	80.7	77.1	73.3	69.3	65.4	61.3	57.1
155°	83.0	80.3	77.6	74.7	71.6	68.3	65.0	61.5	58.0	54.4	50.7
157.5°	73.0	70.6	68.2	65.7	62.8	59.7	56.6	53.6	50.5	47.3	43.9
160°	62.6	60.6	58.5	56.2	53.9	51.3	48.5	45.6	42.7	39.8	37.2
162.5°	52.2	50.4	48.5	46.5	44.5	42.4	40.4	38.1	35.7	33.3	30.8
165°	42.2	40.7	39.1	37.4	35.7	34.0	32.3	30.5	28.6	26.7	24.6
167.5°	32.3	31.1	29.9	28.5	27.1	25.6	24.1	22.5	21.3	20.0	18.7
170°	22.9	22.2	21.4	20.5	19.6	18.7	17.7	16.7	15.6	14.5	13.4
172.5°	15.1	14.5	13.9	13.3	12.7	12.0	11.3	10.5	9.7	8.9	8.1
175°	7.5	7.4	7.2	7.0	6.8	6.5	6.3	6.1	5.8	5.6	5.3
177.5°	3.9	3.8	3.7	3.6	3.5	3.4	3.3	3.2	3.1	3.0	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: P231993

CATALOG NUMBER: FVS4WM-4-LD4-35-2LO-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°	2.7	2.6	2.4	2.3	2.1	2.0	1.8	1.7	1.5	1.3	1.2
5°	5.1	4.8	4.5	4.2	3.9	3.7	3.4	3.1	2.8	2.5	2.2
7.5°	7.0	6.7	6.3	5.9	5.4	5.0	4.6	4.2	3.8	3.4	2.9
10°	12.3	11.1	9.9	8.7	7.5	6.1	5.6	5.1	4.6	4.1	3.5
12.5°	17.3	15.9	14.4	12.9	11.3	9.7	8.1	6.4	5.1	4.5	3.9
15°	22.4	20.4	18.6	16.7	14.9	13.0	11.2	9.4	7.5	5.7	4.6
17.5°	28.3	25.8	23.2	20.5	18.2	16.2	14.1	12.1	10.0	7.8	5.6
20°	34.4	31.5	28.6	25.6	22.6	19.6	17.0	14.6	12.1	9.7	7.2
22.5°	40.4	36.8	33.6	30.4	27.0	23.6	20.1	16.6	14.0	11.3	8.6
25°	46.8	42.9	39.0	35.1	31.3	27.4	23.5	19.7	15.9	12.9	10.1
27.5°	52.8	48.5	44.2	39.8	35.3	31.0	26.9	22.8	18.8	14.5	11.5
30°	58.6	53.8	49.2	44.5	39.7	34.7	29.8	25.4	21.1	16.8	12.5
32.5°	64.5	59.6	54.5	49.0	43.9	38.6	33.4	28.1	23.7	18.9	14.1
35°	70.5	64.9	59.3	53.7	48.0	42.4	36.9	31.4	25.9	20.8	15.8
37.5°	75.8	70.0	63.9	58.0	52.0	45.9	39.9	34.1	28.3	22.7	17.2
40°	81.2	74.9	68.6	62.2	55.8	49.4	43.0	36.6	30.2	23.9	18.1
42.5°	86.2	79.6	73.0	66.3	59.5	52.6	45.6	38.6	31.9	25.5	19.4
45°	90.9	84.1	77.2	70.2	62.7	55.3	48.0	40.7	33.4	26.6	20.1
47.5°	95.3	88.2	80.9	73.3	65.8	58.1	50.0	42.2	34.8	27.6	21.0
50°	99.6	92.2	84.4	76.4	68.4	59.8	51.4	43.6	36.3	28.8	21.9
52.5°	103.7	96.2	87.9	79.3	70.6	61.6	52.8	44.8	36.9	29.5	22.5
55°	107.2	99.1	90.7	81.4	72.3	63.2	54.4	46.1	37.9	30.5	23.2
57.5°	110.3	101.8	93.0	83.6	74.3	64.7	55.6	46.8	38.6	30.9	23.5
60°	113.6	104.6	95.4	85.9	75.8	66.0	56.7	48.0	39.5	31.7	24.0
62.5°	116.0	107.1	98.0	87.9	77.4	67.2	57.6	48.6	39.7	31.7	24.3
65°	118.4	109.6	100.1	90.0	78.7	68.0	58.3	49.1	40.2	31.7	24.1
67.5°	120.0	111.4	102.2	91.9	80.3	69.1	58.9	49.5	40.3	32.0	24.2
70°	121.6	112.7	103.8	93.6	81.8	70.4	59.3	49.4	40.1	31.8	23.8
72.5°	123.5	114.4	104.7	94.6	83.4	71.5	60.0	49.6	39.8	31.3	23.3
75°	124.3	115.0	105.1	95.5	85.0	72.9	60.9	49.9	40.2	30.8	22.9
77.5°	124.9	115.3	105.7	96.3	86.0	74.4	62.2	50.4	40.1	30.5	22.0
80°	125.3	115.6	105.7	96.2	86.0	75.5	64.1	51.7	40.0	29.7	21.2
82.5°	125.4	115.5	105.3	95.8	85.6	75.1	64.6	53.2	40.8	29.4	19.9
85°	125.5	115.6	105.2	95.5	84.4	74.4	63.9	53.4	42.4	30.7	19.4
87.5°	125.6	115.6	105.7	95.2	83.9	74.0	63.4	52.8	42.3	31.7	21.0
90°	126.0	115.3	105.4	95.5	83.5	74.3	63.0	52.4	42.5	31.1	21.2
92.5°	125.6	115.6	105.7	95.2	83.9	74.0	63.4	52.8	42.3	31.7	21.0
95°	125.5	115.6	105.2	95.5	84.4	74.4	63.9	53.4	42.4	30.7	19.4
97.5°	125.4	115.5	105.3	95.8	85.6	75.1	64.6	53.2	40.8	29.4	19.9
100°	125.3	115.6	105.7	96.2	86.0	75.5	64.1	51.7	40.0	29.7	21.2
102.5°	124.9	115.3	105.7	96.3	86.0	74.4	62.2	50.4	40.1	30.5	22.0
105°	124.3	115.0	105.1	95.5	85.0	72.9	60.9	49.9	40.2	30.8	22.9
107.5°	123.5	114.4	104.7	94.6	83.4	71.5	60.0	49.6	39.8	31.3	23.3
110°	121.6	112.7	103.8	93.6	81.8	70.4	59.3	49.4	40.1	31.8	23.8





TEST NUMBER: P231993

CATALOG NUMBER: FVS4WM-4-LD4-35-2LO-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°	120.0	111.4	102.2	91.9	80.3	69.1	58.9	49.5	40.3	32.0	24.2
115°	118.4	109.6	100.1	90.0	78.7	68.0	58.3	49.1	40.2	31.7	24.1
117.5°	116.0	107.1	98.0	87.9	77.4	67.2	57.6	48.6	39.7	31.7	24.3
120°	113.6	104.6	95.4	85.9	75.8	66.0	56.7	48.0	39.5	31.7	24.0
122.5°	110.3	101.8	93.0	83.6	74.3	64.7	55.6	46.8	38.6	30.9	23.5
125°	107.2	99.1	90.7	81.4	72.3	63.2	54.4	46.1	37.9	30.5	23.2
127.5°	103.7	96.2	87.9	79.3	70.6	61.6	52.8	44.8	36.9	29.5	22.5
130°	99.6	92.2	84.4	76.4	68.4	59.8	51.4	43.6	36.3	28.8	21.9
132.5°	95.3	88.2	80.9	73.3	65.8	58.1	50.0	42.2	34.8	27.6	21.0
135°	90.9	84.1	77.2	70.2	62.7	55.3	48.0	40.7	33.4	26.6	20.1
137.5°	86.2	79.6	73.0	66.3	59.5	52.6	45.6	38.6	31.9	25.5	19.4
140°	81.2	74.9	68.6	62.2	55.8	49.4	43.0	36.6	30.2	23.9	18.1
142.5°	75.8	70.0	63.9	58.0	52.0	45.9	39.9	34.1	28.3	22.7	17.2
145°	70.5	64.9	59.3	53.7	48.0	42.4	36.9	31.4	25.9	20.8	15.8
147.5°	64.5	59.6	54.5	49.0	43.9	38.6	33.4	28.1	23.7	18.9	14.1
150°	58.6	53.8	49.2	44.5	39.7	34.7	29.8	25.4	21.1	16.8	12.5
152.5°	52.8	48.5	44.2	39.8	35.3	31.0	26.9	22.8	18.8	14.5	11.5
155°	46.8	42.9	39.0	35.1	31.3	27.4	23.5	19.7	15.9	12.9	10.1
157.5°	40.4	36.8	33.6	30.4	27.0	23.6	20.1	16.6	14.0	11.3	8.6
160°	34.4	31.5	28.6	25.6	22.6	19.6	17.0	14.6	12.1	9.7	7.2
162.5°	28.3	25.8	23.2	20.5	18.2	16.2	14.1	12.1	10.0	7.8	5.6
165°	22.4	20.4	18.6	16.7	14.9	13.0	11.2	9.4	7.5	5.7	4.6
167.5°	17.3	15.9	14.4	12.9	11.3	9.7	8.1	6.4	5.1	4.5	3.9
170°	12.3	11.1	9.9	8.7	7.5	6.1	5.6	5.1	4.6	4.1	3.5
172.5°	7.0	6.7	6.3	5.9	5.4	5.0	4.6	4.2	3.8	3.4	2.9
175°	5.1	4.8	4.5	4.2	3.9	3.7	3.4	3.1	2.8	2.5	2.2
177.5°	2.7	2.6	2.4	2.3	2.1	2.0	1.8	1.7	1.5	1.3	1.2
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: P231993

CATALOG NUMBER: FVS4WM-4-LD4-35-2LO-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°	1.0	0.8	0.7	0.5	0.3	0.2	0.0	0.2	0.3	0.5	0.7
5°	1.9	1.5	1.2	0.9	0.6	0.3	0.0	0.3	0.6	0.9	1.2
7.5°	2.5	2.1	1.7	1.3	0.8	0.4	0.0	0.4	0.8	1.3	1.7
10°	3.0	2.5	2.0	1.5	1.0	0.5	0.0	0.5	1.0	1.5	2.0
12.5°	3.4	2.8	2.2	1.7	1.1	0.6	0.0	0.6	1.1	1.7	2.2
15°	4.0	3.3	2.7	2.0	1.3	0.7	0.0	0.7	1.3	2.0	2.7
17.5°	4.1	3.4	2.7	2.0	1.3	0.7	0.0	0.7	1.3	2.0	2.7
20°	4.7	3.3	2.6	1.9	1.3	0.6	0.0	0.6	1.3	1.9	2.6
22.5°	5.9	3.3	2.4	1.8	1.2	0.6	0.0	0.6	1.2	1.8	2.4
25°	7.2	4.2	2.0	1.5	1.0	0.5	0.0	0.5	1.0	1.5	2.0
27.5°	8.3	5.1	1.9	1.1	0.7	0.4	0.0	0.4	0.7	1.1	1.9
30°	9.3	6.1	3.0	1.2	0.8	0.4	0.0	0.4	0.8	1.2	3.0
32.5°	10.0	6.7	3.5	0.7	0.5	0.2	0.0	0.2	0.5	0.7	3.5
35°	10.8	7.2	4.1	1.1	0.5	0.2	0.0	0.2	0.5	1.1	4.1
37.5°	12.0	7.5	4.6	1.8	0.5	0.3	0.0	0.3	0.5	1.8	4.6
40°	12.9	7.8	4.7	2.2	0.6	0.3	0.0	0.3	0.6	2.2	4.7
42.5°	13.7	8.4	4.5	2.4	0.6	0.3	0.0	0.3	0.6	2.4	4.5
45°	14.1	8.9	3.9	1.9	0.1	0.0	0.0	0.0	0.1	1.9	3.9
47.5°	14.8	9.3	4.4	2.0	0.8	0.7	0.7	0.7	0.8	2.0	4.4
50°	15.6	9.7	5.0	1.9	1.0	0.7	0.7	0.7	1.0	1.9	5.0
52.5°	15.9	9.9	5.2	1.5	0.9	0.7	0.7	0.7	0.9	1.5	5.2
55°	16.4	10.2	5.0	1.9	1.0	0.7	0.7	0.7	1.0	1.9	5.0
57.5°	16.6	10.4	4.7	1.9	0.8	0.7	0.7	0.7	0.8	1.9	4.7
60°	16.8	10.5	5.2	2.0	0.7	0.7	0.7	0.7	0.7	2.0	5.2
62.5°	17.4	11.1	5.7	2.1	0.7	0.7	0.7	0.7	0.7	2.1	5.7
65°	17.6	11.5	5.5	2.0	0.8	0.7	0.7	0.7	0.8	2.0	5.5
67.5°	17.4	11.2	5.4	1.9	0.8	0.7	0.7	0.7	0.8	1.9	5.4
70°	17.0	11.1	5.2	1.7	0.7	0.7	0.7	0.7	0.7	1.7	5.2
72.5°	16.6	10.5	5.1	1.7	0.3	0.7	0.7	0.7	0.3	1.7	5.1
75°	15.8	9.8	4.7	1.2	0.1	0.7	0.7	0.7	0.1	1.2	4.7
77.5°	14.8	9.1	3.8	0.6	0.0	0.1	0.0	0.1	0.0	0.6	3.8
80°	13.4	7.4	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.6
82.5°	12.0	5.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	10.5	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	10.2	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	12.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	10.2	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	10.5	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	12.0	5.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	13.4	7.4	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.6
102.5°	14.8	9.1	3.8	0.6	0.0	0.1	0.0	0.1	0.0	0.6	3.8
105°	15.8	9.8	4.7	1.2	0.1	0.7	0.7	0.7	0.1	1.2	4.7
107.5°	16.6	10.5	5.1	1.7	0.3	0.7	0.7	0.7	0.3	1.7	5.1
110°	17.0	11.1	5.2	1.7	0.7	0.7	0.7	0.7	0.7	1.7	5.2



TEST NUMBER: P231993

CATALOG NUMBER: FVS4WM-4-LD4-35-2LO-PFS125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
112.5°	17.4	11.2	5.4	1.9	0.8	0.7	0.7	0.7	0.8	1.9	5.4
115°	17.6	11.5	5.5	2.0	0.8	0.7	0.7	0.7	0.8	2.0	5.5
117.5°	17.4	11.1	5.7	2.1	0.7	0.7	0.7	0.7	0.7	2.1	5.7
120°	16.8	10.5	5.2	2.0	0.7	0.7	0.7	0.7	0.7	2.0	5.2
122.5°	16.6	10.4	4.7	1.9	0.8	0.7	0.7	0.7	0.8	1.9	4.7
125°	16.4	10.2	5.0	1.9	1.0	0.7	0.7	0.7	1.0	1.9	5.0
127.5°	15.9	9.9	5.2	1.5	0.9	0.7	0.7	0.7	0.9	1.5	5.2
130°	15.6	9.7	5.0	1.9	1.0	0.7	0.7	0.7	1.0	1.9	5.0
132.5°	14.8	9.3	4.4	2.0	0.8	0.7	0.7	0.7	0.8	2.0	4.4
135°	14.1	8.9	3.9	1.9	0.1	0.0	0.0	0.0	0.1	1.9	3.9
137.5°	13.7	8.4	4.5	2.4	0.6	0.3	0.0	0.3	0.6	2.4	4.5
140°	12.9	7.8	4.7	2.2	0.6	0.3	0.0	0.3	0.6	2.2	4.7
142.5°	12.0	7.5	4.6	1.8	0.5	0.3	0.0	0.3	0.5	1.8	4.6
145°	10.8	7.2	4.1	1.1	0.5	0.2	0.0	0.2	0.5	1.1	4.1
147.5°	10.0	6.7	3.5	0.7	0.5	0.2	0.0	0.2	0.5	0.7	3.5
150°	9.3	6.1	3.0	1.2	0.8	0.4	0.0	0.4	0.8	1.2	3.0
152.5°	8.3	5.1	1.9	1.1	0.7	0.4	0.0	0.4	0.7	1.1	1.9
155°	7.2	4.2	2.0	1.5	1.0	0.5	0.0	0.5	1.0	1.5	2.0
157.5°	5.9	3.3	2.4	1.8	1.2	0.6	0.0	0.6	1.2	1.8	2.4
160°	4.7	3.3	2.6	1.9	1.3	0.6	0.0	0.6	1.3	1.9	2.6
162.5°	4.1	3.4	2.7	2.0	1.3	0.7	0.0	0.7	1.3	2.0	2.7
165°	4.0	3.3	2.7	2.0	1.3	0.7	0.0	0.7	1.3	2.0	2.7
167.5°	3.4	2.8	2.2	1.7	1.1	0.6	0.0	0.6	1.1	1.7	2.2
170°	3.0	2.5	2.0	1.5	1.0	0.5	0.0	0.5	1.0	1.5	2.0
172.5°	2.5	2.1	1.7	1.3	0.8	0.4	0.0	0.4	0.8	1.3	1.7
175°	1.9	1.5	1.2	0.9	0.6	0.3	0.0	0.3	0.6	0.9	1.2
177.5°	1.0	0.8	0.7	0.5	0.3	0.2	0.0	0.2	0.3	0.5	0.7
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: P231993

CATALOG NUMBER: FVS4WM-4-LD4-35-2LO-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°	0.8	1.0	1.2	1.3	1.5	1.7	1.8	2.0	2.1	2.3	2.4
5°	1.5	1.9	2.2	2.5	2.8	3.1	3.4	3.7	3.9	4.2	4.5
7.5°	2.1	2.5	2.9	3.4	3.8	4.2	4.6	5.0	5.4	5.9	6.3
10°	2.5	3.0	3.5	4.1	4.6	5.1	5.6	6.1	7.5	8.7	9.9
12.5°	2.8	3.4	3.9	4.5	5.1	6.4	8.1	9.7	11.3	12.9	14.4
15°	3.3	4.0	4.6	5.7	7.5	9.4	11.2	13.0	14.9	16.7	18.6
17.5°	3.4	4.1	5.6	7.8	10.0	12.1	14.1	16.2	18.2	20.5	23.2
20°	3.3	4.7	7.2	9.7	12.1	14.6	17.0	19.6	22.6	25.6	28.6
22.5°	3.3	5.9	8.6	11.3	14.0	16.6	20.1	23.6	27.0	30.4	33.6
25°	4.2	7.2	10.1	12.9	15.9	19.7	23.5	27.4	31.3	35.1	39.0
27.5°	5.1	8.3	11.5	14.5	18.8	22.8	26.9	31.0	35.3	39.8	44.2
30°	6.1	9.3	12.5	16.8	21.1	25.4	29.8	34.7	39.7	44.5	49.2
32.5°	6.7	10.0	14.1	18.9	23.7	28.1	33.4	38.6	43.9	49.0	54.5
35°	7.2	10.8	15.8	20.8	25.9	31.4	36.9	42.4	48.0	53.7	59.3
37.5°	7.5	12.0	17.2	22.7	28.3	34.1	39.9	45.9	52.0	58.0	63.9
40°	7.8	12.9	18.1	23.9	30.2	36.6	43.0	49.4	55.8	62.2	68.6
42.5°	8.4	13.7	19.4	25.5	31.9	38.6	45.6	52.6	59.5	66.3	73.0
45°	8.9	14.1	20.1	26.6	33.4	40.7	48.0	55.3	62.7	70.2	77.2
47.5°	9.3	14.8	21.0	27.6	34.8	42.2	50.0	58.1	65.8	73.3	80.9
50°	9.7	15.6	21.9	28.8	36.3	43.6	51.4	59.8	68.4	76.4	84.4
52.5°	9.9	15.9	22.5	29.5	36.9	44.8	52.8	61.6	70.6	79.3	87.9
55°	10.2	16.4	23.2	30.5	37.9	46.1	54.4	63.2	72.3	81.4	90.7
57.5°	10.4	16.6	23.5	30.9	38.6	46.8	55.6	64.7	74.3	83.6	93.0
60°	10.5	16.8	24.0	31.7	39.5	48.0	56.7	66.0	75.8	85.9	95.4
62.5°	11.1	17.4	24.3	31.7	39.7	48.6	57.6	67.2	77.4	87.9	98.0
65°	11.5	17.6	24.1	31.7	40.2	49.1	58.3	68.0	78.7	90.0	100.1
67.5°	11.2	17.4	24.2	32.0	40.3	49.5	58.9	69.1	80.3	91.9	102.2
70°	11.1	17.0	23.8	31.8	40.1	49.4	59.3	70.4	81.8	93.6	103.8
72.5°	10.5	16.6	23.3	31.3	39.8	49.6	60.0	71.5	83.4	94.6	104.7
75°	9.8	15.8	22.9	30.8	40.2	49.9	60.9	72.9	85.0	95.5	105.1
77.5°	9.1	14.8	22.0	30.5	40.1	50.4	62.2	74.4	86.0	96.3	105.7
80°	7.4	13.4	21.2	29.7	40.0	51.7	64.1	75.5	86.0	96.2	105.7
82.5°	5.2	12.0	19.9	29.4	40.8	53.2	64.6	75.1	85.6	95.8	105.3
85°	2.9	10.5	19.4	30.7	42.4	53.4	63.9	74.4	84.4	95.5	105.2
87.5°	0.9	10.2	21.0	31.7	42.3	52.8	63.4	74.0	83.9	95.2	105.7
90°	0.0	12.0	21.2	31.1	42.5	52.4	63.0	74.3	83.5	95.5	105.4
92.5°	0.9	10.2	21.0	31.7	42.3	52.8	63.4	74.0	83.9	95.2	105.7
95°	2.9	10.5	19.4	30.7	42.4	53.4	63.9	74.4	84.4	95.5	105.2
97.5°	5.2	12.0	19.9	29.4	40.8	53.2	64.6	75.1	85.6	95.8	105.3
100°	7.4	13.4	21.2	29.7	40.0	51.7	64.1	75.5	86.0	96.2	105.7
102.5°	9.1	14.8	22.0	30.5	40.1	50.4	62.2	74.4	86.0	96.3	105.7
105°	9.8	15.8	22.9	30.8	40.2	49.9	60.9	72.9	85.0	95.5	105.1
107.5°	10.5	16.6	23.3	31.3	39.8	49.6	60.0	71.5	83.4	94.6	104.7
110°	11.1	17.0	23.8	31.8	40.1	49.4	59.3	70.4	81.8	93.6	103.8



TEST NUMBER: P231993

CATALOG NUMBER: FVS4WM-4-LD4-35-2LO-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°	11.2	17.4	24.2	32.0	40.3	49.5	58.9	69.1	80.3	91.9	102.2
115°	11.5	17.6	24.1	31.7	40.2	49.1	58.3	68.0	78.7	90.0	100.1
117.5°	11.1	17.4	24.3	31.7	39.7	48.6	57.6	67.2	77.4	87.9	98.0
120°	10.5	16.8	24.0	31.7	39.5	48.0	56.7	66.0	75.8	85.9	95.4
122.5°	10.4	16.6	23.5	30.9	38.6	46.8	55.6	64.7	74.3	83.6	93.0
125°	10.2	16.4	23.2	30.5	37.9	46.1	54.4	63.2	72.3	81.4	90.7
127.5°	9.9	15.9	22.5	29.5	36.9	44.8	52.8	61.6	70.6	79.3	87.9
130°	9.7	15.6	21.9	28.8	36.3	43.6	51.4	59.8	68.4	76.4	84.4
132.5°	9.3	14.8	21.0	27.6	34.8	42.2	50.0	58.1	65.8	73.3	80.9
135°	8.9	14.1	20.1	26.6	33.4	40.7	48.0	55.3	62.7	70.2	77.2
137.5°	8.4	13.7	19.4	25.5	31.9	38.6	45.6	52.6	59.5	66.3	73.0
140°	7.8	12.9	18.1	23.9	30.2	36.6	43.0	49.4	55.8	62.2	68.6
142.5°	7.5	12.0	17.2	22.7	28.3	34.1	39.9	45.9	52.0	58.0	63.9
145°	7.2	10.8	15.8	20.8	25.9	31.4	36.9	42.4	48.0	53.7	59.3
147.5°	6.7	10.0	14.1	18.9	23.7	28.1	33.4	38.6	43.9	49.0	54.5
150°	6.1	9.3	12.5	16.8	21.1	25.4	29.8	34.7	39.7	44.5	49.2
152.5°	5.1	8.3	11.5	14.5	18.8	22.8	26.9	31.0	35.3	39.8	44.2
155°	4.2	7.2	10.1	12.9	15.9	19.7	23.5	27.4	31.3	35.1	39.0
157.5°	3.3	5.9	8.6	11.3	14.0	16.6	20.1	23.6	27.0	30.4	33.6
160°	3.3	4.7	7.2	9.7	12.1	14.6	17.0	19.6	22.6	25.6	28.6
162.5°	3.4	4.1	5.6	7.8	10.0	12.1	14.1	16.2	18.2	20.5	23.2
165°	3.3	4.0	4.6	5.7	7.5	9.4	11.2	13.0	14.9	16.7	18.6
167.5°	2.8	3.4	3.9	4.5	5.1	6.4	8.1	9.7	11.3	12.9	14.4
170°	2.5	3.0	3.5	4.1	4.6	5.1	5.6	6.1	7.5	8.7	9.9
172.5°	2.1	2.5	2.9	3.4	3.8	4.2	4.6	5.0	5.4	5.9	6.3
175°	1.5	1.9	2.2	2.5	2.8	3.1	3.4	3.7	3.9	4.2	4.5
177.5°	0.8	1.0	1.2	1.3	1.5	1.7	1.8	2.0	2.1	2.3	2.4
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: P231993

CATALOG NUMBER: FVS4WM-4-LD4-35-2LO-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°	2.6	2.7	2.8	3.0	3.1	3.2	3.3	3.4	3.5	3.6	3.7
5°	4.8	5.1	5.3	5.6	5.8	6.1	6.3	6.5	6.8	7.0	7.2
7.5°	6.7	7.0	8.1	8.9	9.7	10.5	11.3	12.0	12.7	13.3	13.9
10°	11.1	12.3	13.4	14.5	15.6	16.7	17.7	18.7	19.6	20.5	21.4
12.5°	15.9	17.3	18.7	20.0	21.3	22.5	24.1	25.6	27.1	28.5	29.9
15°	20.4	22.4	24.6	26.7	28.6	30.5	32.3	34.0	35.7	37.4	39.1
17.5°	25.8	28.3	30.8	33.3	35.7	38.1	40.4	42.4	44.5	46.5	48.5
20°	31.5	34.4	37.2	39.8	42.7	45.6	48.5	51.3	53.9	56.2	58.5
22.5°	36.8	40.4	43.9	47.3	50.5	53.6	56.6	59.7	62.8	65.7	68.2
25°	42.9	46.8	50.7	54.4	58.0	61.5	65.0	68.3	71.6	74.7	77.6
27.5°	48.5	52.8	57.1	61.3	65.4	69.3	73.3	77.1	80.7	84.1	87.1
30°	53.8	58.6	63.4	68.0	72.4	76.7	81.0	85.2	89.1	92.8	96.4
32.5°	59.6	64.5	69.5	74.5	79.6	84.2	88.5	92.9	97.2	101.3	105.2
35°	64.9	70.5	75.6	80.9	86.3	91.6	96.5	100.8	105.2	109.6	113.8
37.5°	70.0	75.8	81.4	87.0	92.7	98.2	103.6	108.5	113.1	117.8	122.5
40°	74.9	81.2	87.3	93.0	98.8	104.5	110.2	115.9	120.7	125.4	130.1
42.5°	79.6	86.2	92.7	99.1	104.9	110.8	116.6	122.3	127.9	132.9	137.8
45°	84.1	90.9	97.8	104.4	110.7	116.8	122.9	128.9	134.5	139.8	144.9
47.5°	88.2	95.3	102.3	109.6	116.3	122.5	128.7	134.6	140.5	146.5	151.9
50°	92.2	99.6	106.6	114.0	121.1	127.6	134.2	140.5	146.3	152.6	158.4
52.5°	96.2	103.7	111.0	118.5	125.8	132.5	139.3	145.8	152.0	158.5	164.9
55°	99.1	107.2	115.0	122.6	130.0	137.2	144.4	151.1	157.4	163.8	170.4
57.5°	101.8	110.3	118.6	126.6	134.1	141.4	148.6	155.6	162.3	169.1	175.8
60°	104.6	113.6	121.9	129.9	137.6	145.3	152.9	159.9	166.8	173.6	180.3
62.5°	107.1	116.0	124.6	133.1	141.0	148.7	156.6	163.8	170.9	178.1	184.8
65°	109.6	118.4	126.8	135.7	144.0	152.0	160.0	167.5	174.5	181.7	188.4
67.5°	111.4	120.0	128.6	137.7	146.6	154.7	162.7	170.7	178.0	185.3	191.9
70°	112.7	121.6	130.5	139.6	149.0	157.2	165.3	173.3	180.7	188.2	195.1
72.5°	114.4	123.5	132.5	141.1	150.5	159.0	167.5	175.7	183.3	190.8	197.9
75°	115.0	124.3	134.1	142.8	151.7	160.6	169.2	177.4	185.0	192.4	199.7
77.5°	115.3	124.9	134.3	143.6	152.8	161.8	170.8	179.0	186.6	194.0	201.3
80°	115.6	125.3	134.6	144.0	153.4	162.3	171.4	179.7	187.5	195.1	202.7
82.5°	115.5	125.4	135.2	144.5	153.7	162.9	172.0	180.3	188.2	195.8	203.5
85°	115.6	125.5	135.4	145.1	154.3	163.1	172.7	180.6	188.9	196.2	203.9
87.5°	115.6	125.5	135.4	145.1	154.3	163.1	172.7	180.6	188.9	196.2	203.9
90°	115.3	126.0	135.2	145.1	154.3	163.5	172.7	181.1	189.6	196.0	204.5
92.5°	115.6	125.6	135.4	145.3	154.5	163.2	172.8	180.8	189.3	196.1	204.2
95°	115.6	125.5	135.4	145.1	154.3	163.1	172.7	180.6	188.9	196.2	203.9
97.5°	115.5	125.4	135.2	144.5	153.7	162.9	172.0	180.3	188.2	195.8	203.5
100°	115.6	125.3	134.6	144.0	153.4	162.3	171.4	179.7	187.5	195.1	202.7
102.5°	115.3	124.9	134.3	143.6	152.8	161.8	170.8	179.0	186.6	194.0	201.3
105°	115.0	124.3	134.1	142.8	151.7	160.6	169.2	177.4	185.0	192.4	199.7
107.5°	114.4	123.5	132.5	141.1	150.5	159.0	167.5	175.7	183.3	190.8	197.9
110°	112.7	121.6	130.5	139.6	149.0	157.2	165.3	173.3	180.7	188.2	195.1



TEST NUMBER: P231993

CATALOG NUMBER: FVS4WM-4-LD4-35-2LO-PFS125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
112.5°	111.4	120.0	128.6	137.7	146.6	154.7	162.7	170.7	178.0	185.3	191.9
115°	109.6	118.4	126.8	135.7	144.0	152.0	160.0	167.5	174.5	181.7	188.4
117.5°	107.1	116.0	124.6	133.1	141.0	148.7	156.6	163.8	170.9	178.1	184.8
120°	104.6	113.6	121.9	129.9	137.6	145.3	152.9	159.9	166.8	173.6	180.3
122.5°	101.8	110.3	118.6	126.6	134.1	141.4	148.6	155.6	162.3	169.1	175.8
125°	99.1	107.2	115.0	122.6	130.0	137.2	144.4	151.1	157.4	163.8	170.4
127.5°	96.2	103.7	111.0	118.5	125.8	132.5	139.3	145.8	152.0	158.5	164.9
130°	92.2	99.6	106.6	114.0	121.1	127.6	134.2	140.5	146.3	152.6	158.4
132.5°	88.2	95.3	102.3	109.6	116.3	122.5	128.7	134.6	140.5	146.5	151.9
135°	84.1	90.9	97.8	104.4	110.7	116.8	122.9	128.9	134.5	139.8	144.9
137.5°	79.6	86.2	92.7	99.1	104.9	110.8	116.6	122.3	127.9	132.9	137.8
140°	74.9	81.2	87.3	93.0	98.8	104.5	110.2	115.9	120.7	125.4	130.1
142.5°	70.0	75.8	81.4	87.0	92.7	98.2	103.6	108.5	113.1	117.8	122.5
145°	64.9	70.5	75.6	80.9	86.3	91.6	96.5	100.8	105.2	109.6	113.8
147.5°	59.6	64.5	69.5	74.5	79.6	84.2	88.5	92.9	97.2	101.3	105.2
150°	53.8	58.6	63.4	68.0	72.4	76.7	81.0	85.2	89.1	92.8	96.4
152.5°	48.5	52.8	57.1	61.3	65.4	69.3	73.3	77.1	80.7	84.1	87.1
155°	42.9	46.8	50.7	54.4	58.0	61.5	65.0	68.3	71.6	74.7	77.6
157.5°	36.8	40.4	43.9	47.3	50.5	53.6	56.6	59.7	62.8	65.7	68.2
160°	31.5	34.4	37.2	39.8	42.7	45.6	48.5	51.3	53.9	56.2	58.5
162.5°	25.8	28.3	30.8	33.3	35.7	38.1	40.4	42.4	44.5	46.5	48.5
165°	20.4	22.4	24.6	26.7	28.6	30.5	32.3	34.0	35.7	37.4	39.1
167.5°	15.9	17.3	18.7	20.0	21.3	22.5	24.1	25.6	27.1	28.5	29.9
170°	11.1	12.3	13.4	14.5	15.6	16.7	17.7	18.7	19.6	20.5	21.4
172.5°	6.7	7.0	8.1	8.9	9.7	10.5	11.3	12.0	12.7	13.3	13.9
175°	4.8	5.1	5.3	5.6	5.8	6.1	6.3	6.5	6.8	7.0	7.2
177.5°	2.6	2.7	2.8	3.0	3.1	3.2	3.3	3.4	3.5	3.6	3.7
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P231993

CATALOG NUMBER: FVS4WM-4-LD4-35-2LO-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°	3.8	3.9	4.0	4.0	4.1	4.1	4.2	4.2	4.2	4.3	4.6
5°	7.4	7.5	7.7	7.9	8.0	8.1	8.2	8.3	8.4	8.5	9.2
7.5°	14.5	15.1	15.6	16.1	16.5	16.9	17.3	17.6	17.8	18.1	19.2
10°	22.2	22.9	23.6	24.3	25.0	25.6	26.2	26.7	27.2	27.6	29.2
12.5°	31.1	32.3	33.3	34.2	35.1	36.0	36.9	37.6	38.3	38.9	40.8
15°	40.7	42.2	43.4	44.5	45.5	46.4	47.5	48.5	49.4	50.2	52.5
17.5°	50.4	52.2	53.9	55.4	56.7	57.9	59.1	60.3	61.3	62.3	65.0
20°	60.6	62.6	64.5	66.4	67.9	69.4	70.7	72.0	73.3	74.3	77.6
22.5°	70.6	73.0	75.1	77.1	79.0	80.6	82.0	83.5	85.0	86.4	90.2
25°	80.3	83.0	85.5	87.8	90.0	91.8	93.4	95.0	96.8	98.4	102.8
27.5°	89.9	92.9	95.7	98.3	100.6	102.7	104.4	106.0	108.0	109.7	114.5
30°	99.7	103.0	106.0	108.7	111.3	113.6	115.4	117.1	119.1	121.0	126.2
32.5°	109.0	112.6	115.8	118.7	121.4	123.9	125.8	127.5	129.8	132.0	137.3
35°	117.8	121.6	125.1	128.4	131.4	134.0	136.2	138.0	140.4	142.9	148.5
37.5°	126.6	130.4	134.0	137.4	140.7	143.3	145.6	147.4	149.9	152.9	158.8
40°	134.6	138.8	142.6	146.2	149.5	152.4	154.9	156.8	159.5	162.8	169.1
42.5°	142.4	146.8	150.9	154.7	158.1	161.2	163.7	165.7	168.5	172.0	178.6
45°	149.6	154.2	158.5	162.6	166.5	170.0	172.3	174.6	177.5	181.1	188.1
47.5°	156.9	161.5	166.0	170.2	174.3	178.0	180.3	182.6	185.5	189.3	196.5
50°	163.7	168.7	173.3	177.6	181.9	185.8	188.2	190.6	193.6	197.4	204.9
52.5°	170.2	175.4	180.1	184.5	188.7	192.7	195.4	197.9	200.8	204.9	213.2
55°	175.9	181.2	186.2	191.0	195.2	199.4	202.6	205.2	208.1	212.3	221.5
57.5°	181.6	186.9	192.0	196.6	201.0	205.2	208.5	211.2	214.1	218.7	227.8
60°	186.5	192.1	198.0	201.9	206.5	210.9	214.3	217.1	220.1	225.0	234.1
62.5°	191.1	196.9	202.5	206.8	211.5	215.8	219.3	222.3	225.6	230.3	240.0
65°	194.8	201.1	206.6	211.5	216.4	220.7	224.2	227.6	231.1	235.6	245.9
67.5°	198.4	204.7	210.3	215.3	220.2	224.8	228.6	231.7	235.0	239.9	249.7
70°	201.5	208.0	213.8	218.7	223.7	228.6	233.0	235.8	238.8	244.1	253.4
72.5°	204.3	210.7	216.7	221.8	226.8	231.9	235.9	239.0	241.9	247.3	257.1
75°	206.3	213.1	219.3	224.7	229.8	235.1	238.7	242.1	245.0	250.5	261.1
77.5°	207.8	214.8	221.1	226.8	231.5	236.9	240.8	244.2	247.1	252.6	263.2
80°	209.2	216.2	222.6	228.7	233.1	238.6	242.8	246.4	249.2	254.7	265.4
82.5°	210.1	217.1	223.8	229.5	234.3	239.6	243.8	247.4	250.2	256.2	266.8
85°	211.0	218.0	225.0	230.1	235.6	240.6	244.8	248.4	251.2	257.6	268.2
87.5°	211.0	218.3	225.0	230.4	235.6	241.0	245.2	248.8	251.6	257.6	268.5
90°	210.9	218.7	225.0	230.7	235.6	241.3	245.5	249.1	251.9	257.6	268.9
92.5°	211.0	218.3	225.0	230.4	235.6	241.0	245.2	248.8	251.6	257.6	268.5
95°	211.0	218.0	225.0	230.1	235.6	240.6	244.8	248.4	251.2	257.6	268.2
97.5°	210.1	217.1	223.8	229.5	234.3	239.6	243.8	247.4	250.2	256.2	266.8
100°	209.2	216.2	222.6	228.7	233.1	238.6	242.8	246.4	249.2	254.7	265.4
102.5°	207.8	214.8	221.1	226.8	231.5	236.9	240.8	244.2	247.1	252.6	263.2
105°	206.3	213.1	219.3	224.7	229.8	235.1	238.7	242.1	245.0	250.5	261.1
107.5°	204.3	210.7	216.7	221.8	226.8	231.9	235.9	239.0	241.9	247.3	257.1
110°	201.5	208.0	213.8	218.7	223.7	228.6	233.0	235.8	238.8	244.1	253.4





TEST NUMBER: P231993

CATALOG NUMBER: FVS4WM-4-LD4-35-2LO-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°	198.4	204.7	210.3	215.3	220.2	224.8	228.6	231.7	235.0	239.9	249.7
115°	194.8	201.1	206.6	211.5	216.4	220.7	224.2	227.6	231.1	235.6	245.9
117.5°	191.1	196.9	202.5	206.8	211.5	215.8	219.3	222.3	225.6	230.3	240.0
120°	186.5	192.1	198.0	201.9	206.5	210.9	214.3	217.1	220.1	225.0	234.1
122.5°	181.6	186.9	192.0	196.6	201.0	205.2	208.5	211.2	214.1	218.7	227.8
125°	175.9	181.2	186.2	191.0	195.2	199.4	202.6	205.2	208.1	212.3	221.5
127.5°	170.2	175.4	180.1	184.5	188.7	192.7	195.4	197.9	200.8	204.9	213.2
130°	163.7	168.7	173.3	177.6	181.9	185.8	188.2	190.6	193.6	197.4	204.9
132.5°	156.9	161.5	166.0	170.2	174.3	178.0	180.3	182.6	185.5	189.3	196.5
135°	149.6	154.2	158.5	162.6	166.5	170.0	172.3	174.6	177.5	181.1	188.1
137.5°	142.4	146.8	150.9	154.7	158.1	161.2	163.7	165.7	168.5	172.0	178.6
140°	134.6	138.8	142.6	146.2	149.5	152.4	154.9	156.8	159.5	162.8	169.1
142.5°	126.6	130.4	134.0	137.4	140.7	143.3	145.6	147.4	149.9	152.9	158.8
145°	117.8	121.6	125.1	128.4	131.4	134.0	136.2	138.0	140.4	142.9	148.5
147.5°	109.0	112.6	115.8	118.7	121.4	123.9	125.8	127.5	129.8	132.0	137.3
150°	99.7	103.0	106.0	108.7	111.3	113.6	115.4	117.1	119.1	121.0	126.2
152.5°	89.9	92.9	95.7	98.3	100.6	102.7	104.4	106.0	108.0	109.7	114.5
155°	80.3	83.0	85.5	87.8	90.0	91.8	93.4	95.0	96.8	98.4	102.8
157.5°	70.6	73.0	75.1	77.1	79.0	80.6	82.0	83.5	85.0	86.4	90.2
160°	60.6	62.6	64.5	66.4	67.9	69.4	70.7	72.0	73.3	74.3	77.6
162.5°	50.4	52.2	53.9	55.4	56.7	57.9	59.1	60.3	61.3	62.3	65.0
165°	40.7	42.2	43.4	44.5	45.5	46.4	47.5	48.5	49.4	50.2	52.5
167.5°	31.1	32.3	33.3	34.2	35.1	36.0	36.9	37.6	38.3	38.9	40.8
170°	22.2	22.9	23.6	24.3	25.0	25.6	26.2	26.7	27.2	27.6	29.2
172.5°	14.5	15.1	15.6	16.1	16.5	16.9	17.3	17.6	17.8	18.1	19.2
175°	7.4	7.5	7.7	7.9	8.0	8.1	8.2	8.3	8.4	8.5	9.2
177.5°	3.8	3.9	4.0	4.0	4.1	4.1	4.2	4.2	4.2	4.3	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: P231993

CATALOG NUMBER: FVS4WM-4-LD4-35-2LO-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°	5.0	5.3	5.7	6.0	6.3	6.6	6.9	7.2	7.4	7.7	7.9
5°	9.9	10.6	11.3	12.0	12.6	13.2	13.8	14.4	14.9	15.4	15.9
7.5°	20.2	21.3	22.2	23.1	23.9	24.7	25.6	27.6	29.6	31.4	33.2
10°	30.6	32.1	33.4	34.6	36.1	38.8	41.5	44.0	46.5	48.8	51.2
12.5°	42.7	44.4	46.0	48.3	51.8	55.3	58.5	61.5	65.3	69.8	74.1
15°	54.7	56.8	59.0	63.7	68.2	72.4	76.6	81.9	87.1	92.1	97.7
17.5°	67.7	70.1	74.6	80.0	85.2	90.5	96.8	102.8	108.4	115.3	122.7
20°	80.7	83.9	90.2	96.3	102.4	110.3	117.8	125.0	133.1	141.1	149.1
22.5°	93.8	98.7	105.8	112.7	120.9	129.5	138.0	147.5	156.5	165.3	175.1
25°	106.9	113.5	121.4	129.3	138.4	147.3	158.4	169.5	180.4	191.5	202.2
27.5°	119.1	126.9	135.1	145.0	155.3	166.6	179.4	192.1	205.0	217.2	228.8
30°	131.2	139.8	148.4	160.8	173.5	186.3	199.6	214.2	228.5	242.0	254.7
32.5°	143.2	152.7	163.1	176.6	190.5	205.0	220.3	236.4	252.2	267.2	281.4
35°	155.2	165.6	177.9	192.1	207.8	224.4	240.8	257.8	274.5	290.8	306.4
37.5°	166.5	177.6	191.7	207.0	224.6	242.2	260.3	278.4	297.2	313.7	330.8
40°	177.7	189.4	205.2	222.3	241.1	259.9	278.6	298.1	317.4	336.5	354.8
42.5°	188.1	200.4	218.0	236.7	256.3	276.5	296.9	317.9	338.8	358.8	377.8
45°	198.3	211.9	230.6	250.2	270.9	292.7	314.4	336.3	358.6	379.2	399.2
47.5°	207.6	222.5	241.9	262.9	285.4	308.9	331.2	354.4	377.1	399.7	419.3
50°	216.7	232.9	253.0	275.3	300.0	324.4	347.6	371.4	394.4	416.9	438.9
52.5°	225.9	242.9	263.5	286.6	312.8	338.2	362.9	387.3	411.3	434.8	457.8
55°	235.0	252.6	273.7	297.6	324.1	350.5	376.5	402.0	426.9	452.1	475.9
57.5°	242.4	260.9	282.6	307.5	335.0	362.9	389.8	415.9	442.4	468.8	493.3
60°	249.8	268.8	290.9	316.9	346.1	375.2	401.9	428.3	456.3	482.7	507.2
62.5°	255.3	275.4	299.1	326.3	355.9	385.2	412.9	440.2	469.6	494.9	520.6
65°	260.6	281.8	307.1	335.4	364.6	393.7	423.1	452.0	480.8	507.5	533.9
67.5°	265.3	287.2	313.8	342.6	372.2	402.3	432.5	462.3	491.1	520.2	546.1
70°	270.1	292.4	320.2	348.8	379.6	410.7	440.6	470.7	500.5	528.9	556.4
72.5°	273.8	297.0	325.4	354.3	385.6	417.0	447.4	478.7	508.5	537.3	565.6
75°	277.5	301.5	330.2	359.4	390.9	421.8	453.5	485.8	515.1	544.2	573.1
77.5°	280.0	304.5	333.1	363.0	394.8	426.1	458.3	490.9	520.3	550.1	579.9
80°	283.0	307.3	335.6	366.1	398.0	429.9	461.9	494.1	524.0	555.1	584.1
82.5°	284.8	310.3	339.2	368.7	401.4	433.0	464.9	497.8	527.8	559.2	587.2
85°	286.6	312.1	341.0	371.4	405.3	436.5	468.3	502.8	531.2	562.3	589.4
87.5°	286.9	312.1	340.8	372.9	405.8	436.9	469.4	502.1	532.5	563.4	591.2
90°	287.3	312.1	340.4	374.3	406.2	437.3	470.6	501.0	532.1	562.6	591.6
92.5°	286.9	312.1	340.8	372.9	405.8	436.9	469.4	502.1	532.5	563.4	591.2
95°	286.6	312.1	341.0	371.4	405.3	436.5	468.3	502.8	531.2	562.3	589.4
97.5°	284.8	310.3	339.2	368.7	401.4	433.0	464.9	497.8	527.8	559.2	587.2
100°	283.0	307.3	335.6	366.1	398.0	429.9	461.9	494.1	524.0	555.1	584.1
102.5°	280.0	304.5	333.1	363.0	394.8	426.1	458.3	490.9	520.3	550.1	579.9
105°	277.5	301.5	330.2	359.4	390.9	421.8	453.5	485.8	515.1	544.2	573.1
107.5°	273.8	297.0	325.4	354.3	385.6	417.0	447.4	478.7	508.5	537.3	565.6
110°	270.1	292.4	320.2	348.8	379.6	410.7	440.6	470.7	500.5	528.9	556.4



TEST NUMBER: P231993

CATALOG NUMBER: FVS4WM-4-LD4-35-2LO-PFS125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
112.5°	265.3	287.2	313.8	342.6	372.2	402.3	432.5	462.3	491.1	520.2	546.1
115°	260.6	281.8	307.1	335.4	364.6	393.7	423.1	452.0	480.8	507.5	533.9
117.5°	255.3	275.4	299.1	326.3	355.9	385.2	412.9	440.2	469.6	494.9	520.6
120°	249.8	268.8	290.9	316.9	346.1	375.2	401.9	428.3	456.3	482.7	507.2
122.5°	242.4	260.9	282.6	307.5	335.0	362.9	389.8	415.9	442.4	468.8	493.3
125°	235.0	252.6	273.7	297.6	324.1	350.5	376.5	402.0	426.9	452.1	475.9
127.5°	225.9	242.9	263.5	286.6	312.8	338.2	362.9	387.3	411.3	434.8	457.8
130°	216.7	232.9	253.0	275.3	300.0	324.4	347.6	371.4	394.4	416.9	438.9
132.5°	207.6	222.5	241.9	262.9	285.4	308.9	331.2	354.4	377.1	399.7	419.3
135°	198.3	211.9	230.6	250.2	270.9	292.7	314.4	336.3	358.6	379.2	399.2
137.5°	188.1	200.4	218.0	236.7	256.3	276.5	296.9	317.9	338.8	358.8	377.8
140°	177.7	189.4	205.2	222.3	241.1	259.9	278.6	298.1	317.4	336.5	354.8
142.5°	166.5	177.6	191.7	207.0	224.6	242.2	260.3	278.4	297.2	313.7	330.8
145°	155.2	165.6	177.9	192.1	207.8	224.4	240.8	257.8	274.5	290.8	306.4
147.5°	143.2	152.7	163.1	176.6	190.5	205.0	220.3	236.4	252.2	267.2	281.4
150°	131.2	139.8	148.4	160.8	173.5	186.3	199.6	214.2	228.5	242.0	254.7
152.5°	119.1	126.9	135.1	145.0	155.3	166.6	179.4	192.1	205.0	217.2	228.8
155°	106.9	113.5	121.4	129.3	138.4	147.3	158.4	169.5	180.4	191.5	202.2
157.5°	93.8	98.7	105.8	112.7	120.9	129.5	138.0	147.5	156.5	165.3	175.1
160°	80.7	83.9	90.2	96.3	102.4	110.3	117.8	125.0	133.1	141.1	149.1
162.5°	67.7	70.1	74.6	80.0	85.2	90.5	96.8	102.8	108.4	115.3	122.7
165°	54.7	56.8	59.0	63.7	68.2	72.4	76.6	81.9	87.1	92.1	97.7
167.5°	42.7	44.4	46.0	48.3	51.8	55.3	58.5	61.5	65.3	69.8	74.1
170°	30.6	32.1	33.4	34.6	36.1	38.8	41.5	44.0	46.5	48.8	51.2
172.5°	20.2	21.3	22.2	23.1	23.9	24.7	25.6	27.6	29.6	31.4	33.2
175°	9.9	10.6	11.3	12.0	12.6	13.2	13.8	14.4	14.9	15.4	15.9
177.5°	5.0	5.3	5.7	6.0	6.3	6.6	6.9	7.2	7.4	7.7	7.9
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: P231993

CATALOG NUMBER: FVS4WM-4-LD4-35-2LO-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°	8.2	8.4	8.5	8.7	8.9	9.0	9.1	9.2	9.3	9.4	9.5
5°	17.2	18.5	19.8	21.0	22.1	23.2	24.2	25.1	25.9	26.7	27.4
7.5°	34.9	36.4	37.9	39.3	40.8	42.5	43.8	45.9	47.6	49.2	50.7
10°	54.5	57.8	60.9	63.7	66.3	68.7	70.8	73.0	75.1	77.1	78.9
12.5°	78.3	82.4	86.3	89.9	93.4	96.7	99.9	102.9	105.7	108.7	111.6
15°	102.8	108.2	113.1	117.5	121.6	126.1	130.3	134.6	138.8	142.7	146.2
17.5°	129.8	137.5	142.8	148.7	154.3	159.6	164.8	169.9	174.5	178.7	182.8
20°	157.2	165.1	172.5	179.7	186.8	193.6	199.8	205.5	210.5	215.1	219.2
22.5°	184.6	193.7	203.2	212.0	220.4	227.0	233.2	238.9	244.8	250.8	256.0
25°	213.0	223.9	236.1	243.8	252.0	259.6	267.6	275.2	282.1	288.1	293.5
27.5°	240.3	251.9	263.2	273.7	284.3	294.3	304.9	311.1	318.0	324.4	330.0
30°	267.2	279.9	292.6	305.6	317.7	327.5	336.5	345.0	352.7	359.6	366.4
32.5°	295.0	309.0	323.6	337.2	348.2	358.3	368.4	377.8	386.5	393.7	400.2
35°	321.8	337.7	352.2	364.6	376.7	388.7	399.9	410.6	420.0	427.7	434.5
37.5°	347.8	364.0	378.2	392.1	406.1	418.8	430.6	442.2	452.0	461.4	467.4
40°	372.5	388.9	404.6	420.0	434.2	446.7	459.3	471.5	482.1	491.5	499.3
42.5°	395.8	413.3	430.3	446.4	461.6	474.9	488.1	500.8	513.5	521.1	529.4
45°	418.5	436.6	454.4	471.7	487.0	501.2	515.0	528.1	539.0	548.8	557.3
47.5°	439.5	458.9	477.8	495.4	511.2	526.6	540.9	553.3	565.2	575.5	584.5
50°	460.3	480.5	499.9	517.8	535.0	551.3	565.0	578.4	592.1	601.4	611.0
52.5°	480.1	500.8	520.7	539.8	558.6	574.1	588.6	603.5	614.8	625.4	635.3
55°	498.6	519.9	541.2	560.0	578.8	596.8	610.7	624.6	637.2	647.5	658.1
57.5°	515.7	537.6	558.8	579.5	598.2	615.1	630.7	645.5	658.1	669.1	679.8
60°	531.8	554.6	576.2	596.5	615.6	633.5	650.0	664.6	677.6	689.0	700.0
62.5°	545.9	569.3	591.7	612.4	632.5	650.8	667.2	682.3	695.6	708.1	719.1
65°	559.2	583.0	605.6	626.8	647.1	666.2	682.8	698.5	712.9	726.2	737.0
67.5°	571.3	595.2	618.4	640.0	660.4	679.7	697.4	713.9	729.0	741.4	753.1
70°	581.8	606.5	630.4	652.5	673.4	692.5	710.4	727.1	741.8	754.8	768.5
72.5°	591.3	616.6	640.1	662.9	684.0	704.3	721.9	738.5	753.4	767.7	780.5
75°	599.7	624.7	648.6	671.5	692.4	712.6	731.6	748.4	764.0	779.0	791.0
77.5°	606.7	631.3	655.6	678.5	699.9	720.4	739.3	756.5	772.3	786.8	799.6
80°	611.7	636.3	661.1	684.5	706.3	726.5	745.1	763.2	779.7	793.7	806.4
82.5°	615.6	640.1	665.6	689.5	711.4	731.1	749.4	767.5	784.1	798.4	811.3
85°	617.6	642.8	668.2	691.3	712.8	733.8	752.2	769.8	786.4	801.3	814.2
87.5°	618.6	644.6	670.1	692.8	714.7	735.9	754.5	771.3	788.2	803.0	816.6
90°	617.7	644.6	670.1	692.8	716.1	735.9	755.0	771.3	787.6	802.4	817.3
92.5°	618.6	644.6	670.1	692.8	714.7	735.9	754.5	771.3	788.2	803.0	816.6
95°	617.6	642.8	668.2	691.3	712.8	733.8	752.2	769.8	786.4	801.3	814.2
97.5°	615.6	640.1	665.6	689.5	711.4	731.1	749.4	767.5	784.1	798.4	811.3
100°	611.7	636.3	661.1	684.5	706.3	726.5	745.1	763.2	779.7	793.7	806.4
102.5°	606.7	631.3	655.6	678.5	699.9	720.4	739.3	756.5	772.3	786.8	799.6
105°	599.7	624.7	648.6	671.5	692.4	712.6	731.6	748.4	764.0	779.0	791.0
107.5°	591.3	616.6	640.1	662.9	684.0	704.3	721.9	738.5	753.4	767.7	780.5
110°	581.8	606.5	630.4	652.5	673.4	692.5	710.4	727.1	741.8	754.8	768.5



TEST NUMBER: P231993

CATALOG NUMBER: FVS4WM-4-LD4-35-2LO-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°	571.3	595.2	618.4	640.0	660.4	679.7	697.4	713.9	729.0	741.4	753.1
115°	559.2	583.0	605.6	626.8	647.1	666.2	682.8	698.5	712.9	726.2	737.0
117.5°	545.9	569.3	591.7	612.4	632.5	650.8	667.2	682.3	695.6	708.1	719.1
120°	531.8	554.6	576.2	596.5	615.6	633.5	650.0	664.6	677.6	689.0	700.0
122.5°	515.7	537.6	558.8	579.5	598.2	615.1	630.7	645.5	658.1	669.1	679.8
125°	498.6	519.9	541.2	560.0	578.8	596.8	610.7	624.6	637.2	647.5	658.1
127.5°	480.1	500.8	520.7	539.8	558.6	574.1	588.6	603.5	614.8	625.4	635.3
130°	460.3	480.5	499.9	517.8	535.0	551.3	565.0	578.4	592.1	601.4	611.0
132.5°	439.5	458.9	477.8	495.4	511.2	526.6	540.9	553.3	565.2	575.5	584.5
135°	418.5	436.6	454.4	471.7	487.0	501.2	515.0	528.1	539.0	548.8	557.3
137.5°	395.8	413.3	430.3	446.4	461.6	474.9	488.1	500.8	513.5	521.1	529.4
140°	372.5	388.9	404.6	420.0	434.2	446.7	459.3	471.5	482.1	491.5	499.3
142.5°	347.8	364.0	378.2	392.1	406.1	418.8	430.6	442.2	452.0	461.4	467.4
145°	321.8	337.7	352.2	364.6	376.7	388.7	399.9	410.6	420.0	427.7	434.5
147.5°	295.0	309.0	323.6	337.2	348.2	358.3	368.4	377.8	386.5	393.7	400.2
150°	267.2	279.9	292.6	305.6	317.7	327.5	336.5	345.0	352.7	359.6	366.4
152.5°	240.3	251.9	263.2	273.7	284.3	294.3	304.9	311.1	318.0	324.4	330.0
155°	213.0	223.9	236.1	243.8	252.0	259.6	267.6	275.2	282.1	288.1	293.5
157.5°	184.6	193.7	203.2	212.0	220.4	227.0	233.2	238.9	244.8	250.8	256.0
160°	157.2	165.1	172.5	179.7	186.8	193.6	199.8	205.5	210.5	215.1	219.2
162.5°	129.8	137.5	142.8	148.7	154.3	159.6	164.8	169.9	174.5	178.7	182.8
165°	102.8	108.2	113.1	117.5	121.6	126.1	130.3	134.6	138.8	142.7	146.2
167.5°	78.3	82.4	86.3	89.9	93.4	96.7	99.9	102.9	105.7	108.7	111.6
170°	54.5	57.8	60.9	63.7	66.3	68.7	70.8	73.0	75.1	77.1	78.9
172.5°	34.9	36.4	37.9	39.3	40.8	42.5	43.8	45.9	47.6	49.2	50.7
175°	17.2	18.5	19.8	21.0	22.1	23.2	24.2	25.1	25.9	26.7	27.4
177.5°	8.2	8.4	8.5	8.7	8.9	9.0	9.1	9.2	9.3	9.4	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: P231993

CATALOG NUMBER: FVS4WM-4-LD4-35-2LO-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°	9.5	9.5	9.5	9.5	9.4	9.4	9.6	9.4	9.2	9.1	8.9
5°	28.0	28.5	29.0	29.4	29.6	29.9	30.0	30.0	30.6	30.2	29.8
7.5°	52.1	53.3	54.3	55.3	56.0	56.6	57.1	57.4	57.6	58.3	57.7
10°	80.4	82.7	84.8	86.7	88.3	89.7	90.9	91.9	92.5	94.2	93.7
12.5°	114.1	116.3	118.1	119.8	121.7	123.2	124.2	124.9	125.3	125.2	125.4
15°	149.4	152.2	154.5	156.4	157.7	159.4	161.2	162.6	163.6	164.3	165.4
17.5°	186.5	189.6	192.4	194.7	196.5	197.9	199.4	201.1	202.3	203.0	204.2
20°	223.0	226.6	229.8	232.5	234.7	236.2	237.1	238.3	239.7	240.4	241.8
22.5°	260.3	263.8	266.8	270.1	272.7	274.6	275.8	276.3	277.6	278.4	279.9
25°	298.2	302.3	305.7	308.4	311.1	313.1	314.2	314.6	315.0	316.5	317.4
27.5°	334.8	339.3	343.3	346.3	347.9	349.9	350.9	351.2	350.7	351.8	352.3
30°	370.4	374.4	378.3	381.4	383.7	385.4	386.9	387.6	387.6	387.8	388.2
32.5°	405.4	409.8	412.9	416.7	419.5	421.3	422.6	423.3	423.1	422.2	423.2
35°	440.5	445.0	448.9	452.3	455.3	456.9	457.7	457.9	456.9	454.9	455.7
37.5°	473.5	478.8	483.4	486.7	488.8	490.5	490.8	490.2	489.5	488.1	488.3
40°	506.1	512.5	517.2	519.9	521.9	522.7	522.7	521.9	521.2	519.4	518.6
42.5°	536.7	542.9	547.9	550.6	552.5	553.8	554.3	553.8	552.8	551.4	550.0
45°	565.3	572.4	577.0	580.1	582.8	585.4	584.3	583.7	582.0	580.4	577.8
47.5°	593.2	601.0	606.0	609.6	611.8	613.0	613.2	612.7	611.3	609.6	606.8
50°	622.3	630.5	633.5	637.2	639.6	640.9	641.5	640.4	638.2	636.2	635.7
52.5°	645.6	652.8	658.2	663.1	666.4	667.6	667.7	666.0	664.2	662.4	662.9
55°	668.0	675.0	681.5	687.1	691.1	692.9	693.2	691.5	689.3	686.9	686.0
57.5°	688.9	696.0	702.5	709.5	714.9	716.8	717.0	715.6	713.4	710.7	708.8
60°	709.3	716.9	723.7	730.7	736.3	738.8	739.9	737.6	735.6	732.7	730.4
62.5°	728.6	736.3	743.4	750.9	754.9	758.3	760.0	758.7	756.0	752.7	750.2
65°	746.9	754.6	761.5	767.0	772.0	776.1	778.4	777.3	775.7	771.8	768.8
67.5°	764.0	771.7	778.1	783.7	788.9	791.9	794.8	795.6	793.6	789.5	786.5
70°	778.2	786.7	793.5	799.1	803.1	806.1	808.7	810.6	808.6	805.0	801.7
72.5°	790.9	800.4	807.1	812.6	816.0	818.2	820.9	822.7	822.5	819.4	814.7
75°	802.0	811.4	818.5	824.7	828.1	829.5	830.2	831.7	833.2	831.9	827.3
77.5°	810.8	820.3	828.0	834.2	838.1	840.0	839.9	839.4	840.4	841.1	837.9
80°	817.9	827.2	835.2	842.0	845.9	848.8	849.4	847.4	844.9	847.0	846.6
82.5°	822.8	832.7	840.4	846.5	851.0	853.8	855.2	854.7	851.8	847.9	851.1
85°	826.1	835.5	843.6	849.6	853.9	856.5	857.4	857.3	856.3	853.5	849.3
87.5°	827.9	836.7	844.7	850.5	854.9	856.6	858.1	857.8	856.3	853.9	852.0
90°	827.2	836.4	843.5	849.8	854.1	855.5	856.2	855.5	853.4	850.6	846.3
92.5°	827.9	836.7	844.7	850.5	854.9	856.6	858.1	857.8	856.3	853.9	852.0
95°	826.1	835.5	843.6	849.6	853.9	856.5	857.4	857.3	856.3	853.5	849.3
97.5°	822.8	832.7	840.4	846.5	851.0	853.8	855.2	854.7	851.8	847.9	851.1
100°	817.9	827.2	835.2	842.0	845.9	848.8	849.4	847.4	844.9	847.0	846.6
102.5°	810.8	820.3	828.0	834.2	838.1	840.0	839.9	839.4	840.4	841.1	837.9
105°	802.0	811.4	818.5	824.7	828.1	829.5	830.2	831.7	833.2	831.9	827.3
107.5°	790.9	800.4	807.1	812.6	816.0	818.2	820.9	822.7	822.5	819.4	814.7
110°	778.2	786.7	793.5	799.1	803.1	806.1	808.7	810.6	808.6	805.0	801.7



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**CANDELA DISTRIBUTION (continued):**

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
112.5°	764.0	771.7	778.1	783.7	788.9	791.9	794.8	795.6	793.6	789.5	786.5
115°	746.9	754.6	761.5	767.0	772.0	776.1	778.4	777.3	775.7	771.8	768.8
117.5°	728.6	736.3	743.4	750.9	754.9	758.3	760.0	758.7	756.0	752.7	750.2
120°	709.3	716.9	723.7	730.7	736.3	738.8	739.9	737.6	735.6	732.7	730.4
122.5°	688.9	696.0	702.5	709.5	714.9	716.8	717.0	715.6	713.4	710.7	708.8
125°	668.0	675.0	681.5	687.1	691.1	692.9	693.2	691.5	689.3	686.9	686.0
127.5°	645.6	652.8	658.2	663.1	666.4	667.6	667.7	666.0	664.2	662.4	662.9
130°	622.3	630.5	633.5	637.2	639.6	640.9	641.5	640.4	638.2	636.2	635.7
132.5°	593.2	601.0	606.0	609.6	611.8	613.0	613.2	612.7	611.3	609.6	606.8
135°	565.3	572.4	577.0	580.1	582.8	585.4	584.3	583.7	582.0	580.4	577.8
137.5°	536.7	542.9	547.9	550.6	552.5	553.8	554.3	553.8	552.8	551.4	550.0
140°	506.1	512.5	517.2	519.9	521.9	522.7	522.7	521.9	521.2	519.4	518.6
142.5°	473.5	478.8	483.4	486.7	488.8	490.5	490.8	490.2	489.5	488.1	488.3
145°	440.5	445.0	448.9	452.3	455.3	456.9	457.7	457.9	456.9	454.9	455.7
147.5°	405.4	409.8	412.9	416.7	419.5	421.3	422.6	423.3	423.1	422.2	423.2
150°	370.4	374.4	378.3	381.4	383.7	385.4	386.9	387.6	387.6	387.8	388.2
152.5°	334.8	339.3	343.3	346.3	347.9	349.9	350.9	351.2	350.7	351.8	352.3
155°	298.2	302.3	305.7	308.4	311.1	313.1	314.2	314.6	315.0	316.5	317.4
157.5°	260.3	263.8	266.8	270.1	272.7	274.6	275.8	276.3	277.6	278.4	279.9
160°	223.0	226.6	229.8	232.5	234.7	236.2	237.1	238.3	239.7	240.4	241.8
162.5°	186.5	189.6	192.4	194.7	196.5	197.9	199.4	201.1	202.3	203.0	204.2
165°	149.4	152.2	154.5	156.4	157.7	159.4	161.2	162.6	163.6	164.3	165.4
167.5°	114.1	116.3	118.1	119.8	121.7	123.2	124.2	124.9	125.3	125.2	125.4
170°	80.4	82.7	84.8	86.7	88.3	89.7	90.9	91.9	92.5	94.2	93.7
172.5°	52.1	53.3	54.3	55.3	56.0	56.6	57.1	57.4	57.6	58.3	57.7
175°	28.0	28.5	29.0	29.4	29.6	29.9	30.0	30.0	30.6	30.2	29.8
177.5°	9.5	9.5	9.5	9.5	9.4	9.4	9.6	9.4	9.2	9.1	8.9
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°	8.7	8.5
5°	29.4	29.0
7.5°	57.2	56.6
10°	93.2	92.7
12.5°	124.3	123.1
15°	164.4	163.5
17.5°	202.9	201.7
20°	240.5	239.2
22.5°	278.3	276.7
25°	318.0	317.0
27.5°	352.5	351.0
30°	388.2	386.4
32.5°	423.8	422.4
35°	456.7	455.7
37.5°	489.4	488.3
40°	520.8	520.8
42.5°	552.2	551.9
45°	581.3	582.4
47.5°	608.9	609.3
50°	637.0	636.1
52.5°	663.5	661.6
55°	686.6	687.1
57.5°	709.5	711.2
60°	731.1	731.7
62.5°	751.4	753.6
65°	771.0	769.9
67.5°	787.4	788.3
70°	802.5	803.9
72.5°	815.6	816.6
75°	827.1	829.3
77.5°	836.4	839.9
80°	844.2	848.4
82.5°	851.2	854.8
85°	856.1	859.8
87.5°	850.3	862.6
90°	845.6	854.1
92.5°	850.3	862.6
95°	856.1	859.8
97.5°	851.2	854.8
100°	844.2	848.4
102.5°	836.4	839.9
105°	827.1	829.3
107.5°	815.6	816.6
110°	802.5	803.9





TEST NUMBER: P231993

CATALOG NUMBER: FVS4WM-4-LD4-35-2LO-PFS125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	357.5°	360°
112.5°	787.4	788.3
115°	771.0	769.9
117.5°	751.4	753.6
120°	731.1	731.7
122.5°	709.5	711.2
125°	686.6	687.1
127.5°	663.5	661.6
130°	637.0	636.1
132.5°	608.9	609.3
135°	581.3	582.4
137.5°	552.2	551.9
140°	520.8	520.8
142.5°	489.4	488.3
145°	456.7	455.7
147.5°	423.8	422.4
150°	388.2	386.4
152.5°	352.5	351.0
155°	318.0	317.0
157.5°	278.3	276.7
160°	240.5	239.2
162.5°	202.9	201.7
165°	164.4	163.5
167.5°	124.3	123.1
170°	93.2	92.7
172.5°	57.2	56.6
175°	29.4	29.0
177.5°	8.7	8.5
180°	0.0	0.0

(END OF REPORT)