

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: P231880

Luminaire Tested: **FVS4WM-2-LD4-30-1HI-P125-UNV-EDC1**

Issue Date: 3/3/2020



Test Information

Test Method: LM-79-08
Report Number: P231880
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1706-121-3)
Test Lab: INNOVATION CENTER(G3)
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: FAIL-SAFE
Catalog Number: FVS4WM-2-LD4-30-1HI-P125-UNV-EDC1
Description: FAILSAFE FVS LED FIXTURE
2FT LENGTH, 1-MODULE LED WITH P125 LENS
Light Source: (42) 3000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

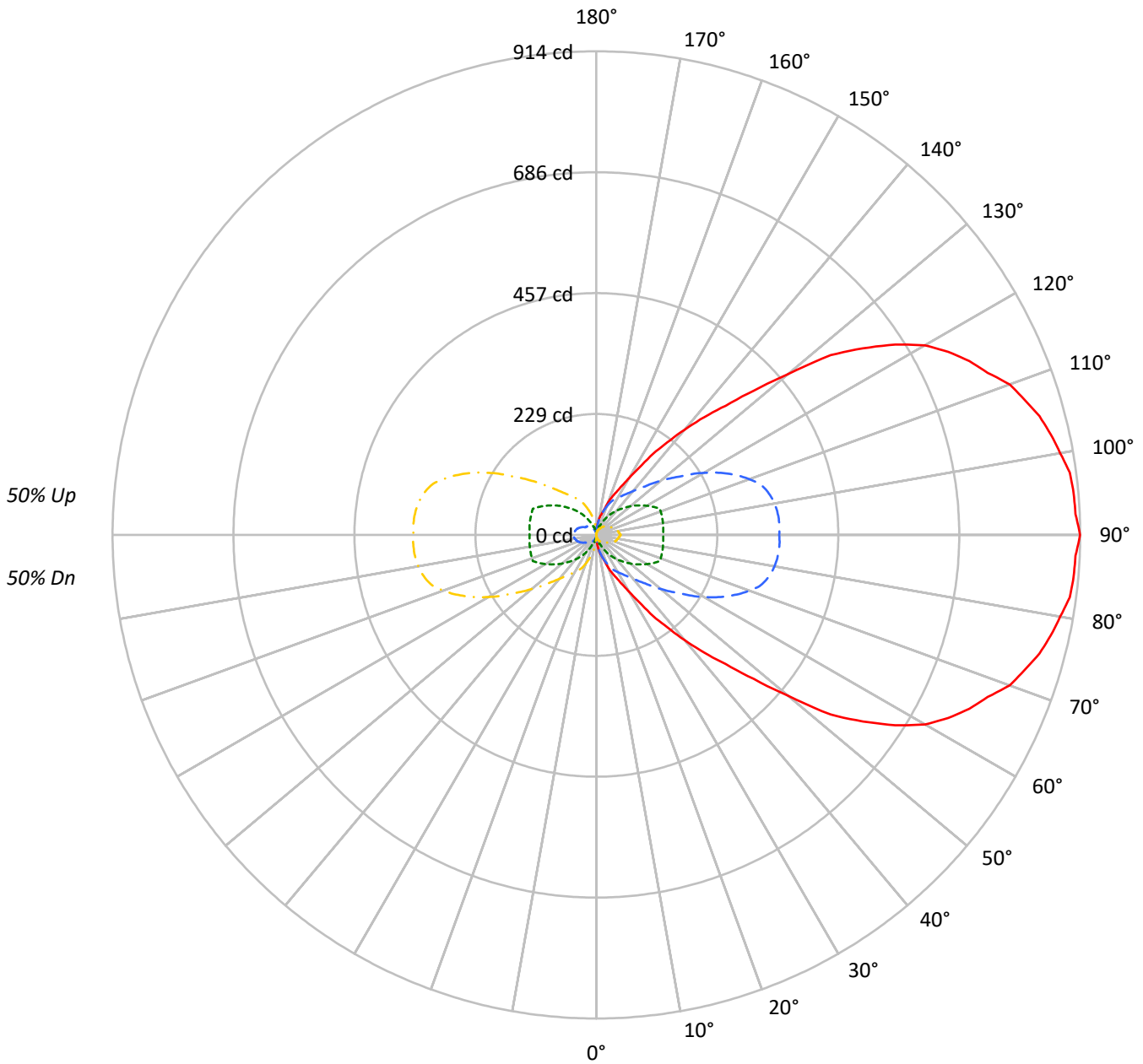
Lumens per Lamp: N/A
Luminaire Lumens: 2124.0 lumens
Efficiency: N/A
Efficacy: 95.7 lumens/watt
Spacing Criteria (0/90/45): - / - / -
Luminous Opening: Rectangular w/ Sides (W: 1.92' x L: 0.19' x H: 0.31')
CIE Type: General Diffuse

Input Watts (W): 22.2
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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CATALOG NUMBER: FVS4WM-2-LD4-30-1HI-P125-UNV-EDC1

Luminous Intensity Polar Plot



— 0°-180° - - - 45°-225° - · - · 90°-270° - · - · 135°-315°



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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20	
RC	80				70				50				30				10	0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR																		
0	107	107	107	107	99	99	99	99	83	83	83	69	69	69	56	56	56	50
1	91	83	77	71	83	76	70	65	62	58	54	50	46	43	38	36	33	28
2	80	69	60	52	72	63	55	48	51	45	39	40	35	31	30	26	23	18
3	71	58	48	41	64	53	44	37	43	36	30	33	28	23	24	20	17	12
4	64	50	40	32	58	46	37	29	37	29	24	28	23	18	21	16	13	9
5	58	44	34	27	53	40	31	24	32	25	19	25	19	15	18	13	10	6
6	53	39	29	22	48	35	26	20	28	21	16	22	16	12	16	11	8	5
7	49	35	25	19	44	31	23	17	25	18	13	20	14	10	14	10	7	4
8	45	31	22	16	41	28	20	15	23	16	12	18	12	9	13	9	6	3
9	42	28	20	14	38	26	18	13	21	14	10	16	11	7	12	8	5	2
10	39	26	18	12	35	23	16	11	19	13	9	15	10	6	11	7	4	2

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	0	0	0	0
5°	480	133	0	133
10°	745	266	0	266
15°	928	401	0	401
20°	1317	542	0	542
25°	1664	795	0	795
30°	2203	1176	0	1176
35°	3165	1592	0	1592
40°	4234	2060	0	2060
45°	5485	2593	0	2593
50°	7384	3285	0	3285
55°	9495	4117	0	4117
60°	11044	5152	0	5152
65°	12042	6475	0	6475
70°	13044	7826	0	7826
75°	13890	9245	0	9245
80°	14682	11444	0	11444
85°	15513	15217	0	15217



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	1.0	0.0
10°-20°	6.6	0.3
20°-30°	18.6	0.9
30°-40°	41.4	1.9
40°-50°	81.1	3.8
50°-60°	145.6	6.9
60°-70°	214.9	10.1
70°-80°	263.8	12.4
80°-90°	289.0	13.6
90°-100°	289.0	13.6
100°-110°	263.8	12.4
110°-120°	214.9	10.1
120°-130°	145.6	6.9
130°-140°	81.1	3.8
140°-150°	41.4	1.9
150°-160°	18.6	0.9
160°-170°	6.6	0.3
170°-180°	1.0	0.0
0°-30°	26.2	1.2
0°-40°	67.6	3.2
0°-60°	294.3	13.9
0°-90°	1062.0	50.0
90°-120°	767.7	36.1
90°-150°	1035.8	48.8
90°-180°	1062.0	50.0
0°-180°	2124.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	0	0	0	0	0	
5°	18	4	0	4	18	2
15°	43	14	0	14	43	13
25°	90	26	0	26	90	43
35°	188	48	0	48	188	120
45°	345	71	0	71	345	277
55°	615	97	0	97	615	549
65°	777	123	0	123	777	770
75°	867	128	0	128	867	914
85°	905	127	0	127	905	737
90°	914	126	0	126	914	499
95°	905	127	0	127	905	737
105°	867	128	0	128	867	914
115°	777	123	0	123	777	770
125°	615	97	0	97	615	549
135°	345	71	0	71	345	277
145°	188	48	0	48	188	120
155°	90	26	0	26	90	43
165°	43	14	0	14	43	13
175°	18	4	0	4	18	2
180°	0	0	0	0	0	



TEST NUMBER: P231880

CATALOG NUMBER: FVS4WM-2-LD4-30-1HI-P125-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°	7.7	7.8	7.9	8.0	8.1	8.1	8.2	8.0	7.9	7.9	7.8
5°	18.3	18.4	18.6	18.7	18.9	18.5	18.5	18.4	18.2	18.0	17.8
7.5°	24.0	24.3	24.5	24.8	24.8	24.9	25.0	25.0	25.0	25.0	24.9
10°	31.7	32.1	32.5	32.9	32.8	32.9	33.0	32.9	32.9	32.7	32.5
12.5°	37.5	38.1	38.6	38.9	39.3	39.6	39.8	39.9	40.0	40.0	39.9
15°	43.3	44.1	44.9	45.4	45.9	46.3	46.7	46.9	47.1	47.1	47.1
17.5°	51.9	52.7	53.6	53.9	54.4	54.7	54.9	55.1	55.1	55.0	54.9
20°	66.4	66.9	67.5	67.1	66.9	66.6	66.2	65.7	65.1	64.3	63.6
22.5°	77.9	78.2	78.5	78.0	77.6	77.2	76.6	75.9	75.1	74.3	73.3
25°	89.5	89.5	89.1	88.7	88.0	87.2	86.2	85.1	83.9	82.6	81.3
27.5°	104.8	104.6	103.7	102.7	101.4	99.8	98.0	95.9	93.7	91.3	89.1
30°	125.0	124.4	122.9	121.2	119.0	116.4	113.5	110.2	106.7	102.8	99.7
32.5°	150.0	149.2	147.0	144.5	141.4	137.7	133.5	128.7	123.3	118.1	113.4
35°	187.6	186.0	182.3	178.0	172.9	166.9	160.1	152.7	144.6	137.7	130.8
37.5°	220.3	218.7	214.8	210.5	205.0	198.5	191.0	182.5	173.0	163.2	152.9
40°	259.7	257.8	253.1	247.7	240.9	232.8	223.5	213.0	202.0	190.7	178.5
42.5°	302.0	300.4	295.4	289.5	281.8	272.3	261.0	248.0	234.9	221.0	206.1
45°	345.3	344.4	339.7	333.8	325.8	315.6	303.3	290.5	273.2	255.7	237.5
47.5°	403.0	402.2	395.9	388.2	377.9	365.0	349.5	332.8	315.2	295.5	276.8
50°	473.2	472.1	463.7	453.7	440.3	423.7	404.1	383.9	362.2	339.1	317.6
52.5°	557.9	557.5	547.3	534.5	516.9	494.3	467.0	442.3	414.4	386.1	359.9
55°	614.6	617.3	612.2	604.3	591.4	573.1	548.2	512.8	471.3	435.7	402.6
57.5°	669.4	672.3	667.7	661.3	651.4	638.3	617.9	579.9	540.5	491.4	446.4
60°	716.6	717.5	712.0	705.7	697.4	687.7	666.4	633.5	592.8	545.9	497.0
62.5°	749.3	749.7	747.2	741.7	733.0	721.4	702.3	675.9	637.9	593.2	541.8
65°	777.2	777.1	774.6	770.1	763.9	754.8	737.0	713.0	678.6	634.4	581.9
67.5°	800.2	801.5	800.0	795.4	787.6	780.1	769.5	749.8	719.1	674.9	620.6
70°	831.0	829.3	825.1	819.4	813.2	804.2	794.2	779.4	756.1	713.9	656.1
72.5°	848.3	847.8	844.6	838.8	833.7	824.6	814.3	802.8	780.7	741.6	686.0
75°	866.6	864.1	859.7	855.1	849.4	841.6	831.3	817.8	800.8	765.0	710.4
77.5°	879.1	877.7	873.3	867.7	861.5	854.3	844.3	830.8	813.9	785.5	733.8
80°	889.7	888.4	884.8	880.4	872.3	863.9	854.4	841.2	826.5	802.4	751.4
82.5°	902.2	898.2	893.2	886.9	880.8	871.8	862.5	848.8	833.5	811.4	766.8
85°	905.1	904.3	901.0	893.5	886.4	876.8	867.5	854.0	837.9	818.5	777.6
87.5°	906.0	910.6	904.9	895.6	889.4	878.4	870.2	855.8	840.6	823.5	783.3
90°	913.7	905.1	902.2	896.4	887.8	878.2	871.4	855.1	841.6	825.3	782.9
92.5°	906.0	910.6	904.9	895.6	889.4	878.4	870.2	855.8	840.6	823.5	783.3
95°	905.1	904.3	901.0	893.5	886.4	876.8	867.5	854.0	837.9	818.5	777.6
97.5°	902.2	898.2	893.2	886.9	880.8	871.8	862.5	848.8	833.5	811.4	766.8
100°	889.7	888.4	884.8	880.4	872.3	863.9	854.4	841.2	826.5	802.4	751.4
102.5°	879.1	877.7	873.3	867.7	861.5	854.3	844.3	830.8	813.9	785.5	733.8
105°	866.6	864.1	859.7	855.1	849.4	841.6	831.3	817.8	800.8	765.0	710.4
107.5°	848.3	847.8	844.6	838.8	833.7	824.6	814.3	802.8	780.7	741.6	686.0
110°	831.0	829.3	825.1	819.4	813.2	804.2	794.2	779.4	756.1	713.9	656.1



TEST NUMBER: P231880

CATALOG NUMBER: FVS4WM-2-LD4-30-1HI-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
112.5°	800.2	801.5	800.0	795.4	787.6	780.1	769.5	749.8	719.1	674.9	620.6
115°	777.2	777.1	774.6	770.1	763.9	754.8	737.0	713.0	678.6	634.4	581.9
117.5°	749.3	749.7	747.2	741.7	733.0	721.4	702.3	675.9	637.9	593.2	541.8
120°	716.6	717.5	712.0	705.7	697.4	687.7	666.4	633.5	592.8	545.9	497.0
122.5°	669.4	672.3	667.7	661.3	651.4	638.3	617.9	579.9	540.5	491.4	446.4
125°	614.6	617.3	612.2	604.3	591.4	573.1	548.2	512.8	471.3	435.7	402.6
127.5°	557.9	557.5	547.3	534.5	516.9	494.3	467.0	442.3	414.4	386.1	359.9
130°	473.2	472.1	463.7	453.7	440.3	423.7	404.1	383.9	362.2	339.1	317.6
132.5°	403.0	402.2	395.9	388.2	377.9	365.0	349.5	332.8	315.2	295.5	276.8
135°	345.3	344.4	339.7	333.8	325.8	315.6	303.3	290.5	273.2	255.7	237.5
137.5°	302.0	300.4	295.4	289.5	281.8	272.3	261.0	248.0	234.9	221.0	206.1
140°	259.7	257.8	253.1	247.7	240.9	232.8	223.5	213.0	202.0	190.7	178.5
142.5°	220.3	218.7	214.8	210.5	205.0	198.5	191.0	182.5	173.0	163.2	152.9
145°	187.6	186.0	182.3	178.0	172.9	166.9	160.1	152.7	144.6	137.7	130.8
147.5°	150.0	149.2	147.0	144.5	141.4	137.7	133.5	128.7	123.3	118.1	113.4
150°	125.0	124.4	122.9	121.2	119.0	116.4	113.5	110.2	106.7	102.8	99.7
152.5°	104.8	104.6	103.7	102.7	101.4	99.8	98.0	95.9	93.7	91.3	89.1
155°	89.5	89.5	89.1	88.7	88.0	87.2	86.2	85.1	83.9	82.6	81.3
157.5°	77.9	78.2	78.5	78.0	77.6	77.2	76.6	75.9	75.1	74.3	73.3
160°	66.4	66.9	67.5	67.1	66.9	66.6	66.2	65.7	65.1	64.3	63.6
162.5°	51.9	52.7	53.6	53.9	54.4	54.7	54.9	55.1	55.1	55.0	54.9
165°	43.3	44.1	44.9	45.4	45.9	46.3	46.7	46.9	47.1	47.1	47.1
167.5°	37.5	38.1	38.6	38.9	39.3	39.6	39.8	39.9	40.0	40.0	39.9
170°	31.7	32.1	32.5	32.9	32.8	32.9	33.0	32.9	32.9	32.7	32.5
172.5°	24.0	24.3	24.5	24.8	24.8	24.9	25.0	25.0	25.0	25.0	24.9
175°	18.3	18.4	18.6	18.7	18.9	18.5	18.5	18.4	18.2	18.0	17.8
177.5°	7.7	7.8	7.9	8.0	8.1	8.1	8.2	8.0	7.9	7.9	7.8
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: P231880

CATALOG NUMBER: FVS4WM-2-LD4-30-1HI-P125-UNV-EDC1

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°	7.8	7.7	7.6	7.5	7.4	7.2	7.1	6.9	6.8	6.6	6.4
5°	17.6	17.3	16.9	16.6	16.2	15.7	15.3	14.8	14.2	13.7	13.1
7.5°	24.7	24.6	24.4	24.1	23.8	23.5	23.1	22.7	22.2	21.5	20.6
10°	32.2	31.8	31.4	30.9	30.4	29.7	29.1	28.6	28.0	27.3	26.6
12.5°	39.7	39.5	39.2	38.8	38.2	37.5	36.6	35.7	34.6	33.5	32.4
15°	46.9	46.6	46.2	45.8	45.2	44.5	43.8	42.9	41.9	40.6	39.2
17.5°	54.6	54.3	53.9	53.3	52.6	51.8	50.8	49.7	48.6	47.3	46.0
20°	62.8	62.2	61.6	61.0	60.3	59.6	58.5	57.2	55.8	54.2	52.5
22.5°	72.3	71.1	69.9	68.7	67.6	66.6	65.7	64.7	63.6	61.7	59.6
25°	80.0	78.7	77.4	76.0	74.7	73.4	72.2	71.2	70.0	68.7	67.6
27.5°	87.4	85.6	83.8	82.1	80.6	79.1	77.9	76.6	75.6	74.6	73.2
30°	96.6	93.3	90.2	88.0	86.0	84.0	82.5	81.0	80.2	79.8	79.5
32.5°	108.5	103.3	99.1	95.2	91.4	88.8	87.5	86.5	85.7	84.8	84.4
35°	123.4	116.2	110.4	104.4	99.8	96.9	93.8	92.6	91.2	90.2	89.2
37.5°	142.2	133.2	124.3	117.7	112.1	106.8	102.9	99.5	97.2	95.6	94.3
40°	165.8	154.1	144.0	135.3	126.9	119.4	113.3	107.9	104.2	101.4	99.6
42.5°	192.1	180.0	167.6	156.1	145.0	134.8	125.2	118.3	112.1	108.1	105.1
45°	223.3	207.9	193.5	178.8	165.2	151.8	140.5	129.5	122.0	115.3	111.1
47.5°	257.7	238.6	221.1	203.5	187.1	171.4	156.8	144.1	132.4	124.2	117.9
50°	294.8	272.7	250.3	230.1	210.8	192.0	174.8	159.0	145.6	133.9	125.0
52.5°	333.6	307.9	282.2	257.8	235.0	213.7	193.5	175.4	159.5	145.0	136.8
55°	372.3	343.6	315.0	286.4	260.2	235.7	212.4	192.3	176.7	163.6	153.5
57.5°	410.6	377.1	347.0	316.1	285.7	258.3	234.9	214.1	196.0	181.6	170.4
60°	448.5	410.1	375.4	344.7	312.9	283.9	258.0	234.7	215.4	199.4	186.7
62.5°	490.3	441.2	402.9	369.5	339.0	307.6	280.1	255.3	233.6	215.6	202.2
65°	526.8	475.6	428.9	392.1	360.3	329.9	300.5	273.9	250.8	231.9	217.4
67.5°	563.0	507.6	456.8	413.5	378.0	348.5	318.9	291.8	267.6	247.3	231.4
70°	596.5	537.6	481.9	432.7	394.6	363.3	334.9	307.9	282.7	261.3	244.2
72.5°	624.4	563.5	503.9	451.0	408.8	375.2	347.9	323.0	296.3	274.5	257.0
75°	646.8	584.3	523.5	464.6	419.8	385.1	357.4	331.6	306.3	284.7	267.9
77.5°	663.8	599.7	538.7	479.2	430.7	392.4	362.7	337.6	313.5	292.9	277.4
80°	682.0	616.0	555.1	494.3	439.8	397.7	366.2	341.8	319.1	299.4	285.8
82.5°	699.6	630.0	567.9	505.8	446.8	401.1	367.9	344.6	323.0	304.5	293.2
85°	710.5	639.0	576.8	513.6	451.5	402.7	368.1	345.9	325.7	308.5	299.8
87.5°	714.8	645.5	583.7	519.5	455.1	403.3	367.3	346.5	327.6	311.8	305.9
90°	712.7	642.5	581.9	517.5	453.0	400.1	364.5	345.3	328.0	314.5	311.6
92.5°	714.8	645.5	583.7	519.5	455.1	403.3	367.3	346.5	327.6	311.8	305.9
95°	710.5	639.0	576.8	513.6	451.5	402.7	368.1	345.9	325.7	308.5	299.8
97.5°	699.6	630.0	567.9	505.8	446.8	401.1	367.9	344.6	323.0	304.5	293.2
100°	682.0	616.0	555.1	494.3	439.8	397.7	366.2	341.8	319.1	299.4	285.8
102.5°	663.8	599.7	538.7	479.2	430.7	392.4	362.7	337.6	313.5	292.9	277.4
105°	646.8	584.3	523.5	464.6	419.8	385.1	357.4	331.6	306.3	284.7	267.9
107.5°	624.4	563.5	503.9	451.0	408.8	375.2	347.9	323.0	296.3	274.5	257.0
110°	596.5	537.6	481.9	432.7	394.6	363.3	334.9	307.9	282.7	261.3	244.2



TEST NUMBER: P231880

CATALOG NUMBER: FVS4WM-2-LD4-30-1HI-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
112.5°	563.0	507.6	456.8	413.5	378.0	348.5	318.9	291.8	267.6	247.3	231.4
115°	526.8	475.6	428.9	392.1	360.3	329.9	300.5	273.9	250.8	231.9	217.4
117.5°	490.3	441.2	402.9	369.5	339.0	307.6	280.1	255.3	233.6	215.6	202.2
120°	448.5	410.1	375.4	344.7	312.9	283.9	258.0	234.7	215.4	199.4	186.7
122.5°	410.6	377.1	347.0	316.1	285.7	258.3	234.9	214.1	196.0	181.6	170.4
125°	372.3	343.6	315.0	286.4	260.2	235.7	212.4	192.3	176.7	163.6	153.5
127.5°	333.6	307.9	282.2	257.8	235.0	213.7	193.5	175.4	159.5	145.0	136.8
130°	294.8	272.7	250.3	230.1	210.8	192.0	174.8	159.0	145.6	133.9	125.0
132.5°	257.7	238.6	221.1	203.5	187.1	171.4	156.8	144.1	132.4	124.2	117.9
135°	223.3	207.9	193.5	178.8	165.2	151.8	140.5	129.5	122.0	115.3	111.1
137.5°	192.1	180.0	167.6	156.1	145.0	134.8	125.2	118.3	112.1	108.1	105.1
140°	165.8	154.1	144.0	135.3	126.9	119.4	113.3	107.9	104.2	101.4	99.6
142.5°	142.2	133.2	124.3	117.7	112.1	106.8	102.9	99.5	97.2	95.6	94.3
145°	123.4	116.2	110.4	104.4	99.8	96.9	93.8	92.6	91.2	90.2	89.2
147.5°	108.5	103.3	99.1	95.2	91.4	88.8	87.5	86.5	85.7	84.8	84.4
150°	96.6	93.3	90.2	88.0	86.0	84.0	82.5	81.0	80.2	79.8	79.5
152.5°	87.4	85.6	83.8	82.1	80.6	79.1	77.9	76.6	75.6	74.6	73.2
155°	80.0	78.7	77.4	76.0	74.7	73.4	72.2	71.2	70.0	68.7	67.6
157.5°	72.3	71.1	69.9	68.7	67.6	66.6	65.7	64.7	63.6	61.7	59.6
160°	62.8	62.2	61.6	61.0	60.3	59.6	58.5	57.2	55.8	54.2	52.5
162.5°	54.6	54.3	53.9	53.3	52.6	51.8	50.8	49.7	48.6	47.3	46.0
165°	46.9	46.6	46.2	45.8	45.2	44.5	43.8	42.9	41.9	40.6	39.2
167.5°	39.7	39.5	39.2	38.8	38.2	37.5	36.6	35.7	34.6	33.5	32.4
170°	32.2	31.8	31.4	30.9	30.4	29.7	29.1	28.6	28.0	27.3	26.6
172.5°	24.7	24.6	24.4	24.1	23.8	23.5	23.1	22.7	22.2	21.5	20.6
175°	17.6	17.3	16.9	16.6	16.2	15.7	15.3	14.8	14.2	13.7	13.1
177.5°	7.8	7.7	7.6	7.5	7.4	7.2	7.1	6.9	6.8	6.6	6.4
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: P231880

CATALOG NUMBER: FVS4WM-2-LD4-30-1HI-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	6.2	5.9	5.7	5.5	5.2	4.9	4.7	4.4	4.1	3.8	3.5
5°	12.5	11.9	11.2	10.7	10.2	9.7	9.2	8.7	8.1	7.5	6.9
7.5°	19.7	18.8	17.8	16.8	15.8	14.8	13.7	12.8	12.0	11.2	10.3
10°	25.9	25.0	24.2	22.9	21.5	20.2	18.7	17.3	15.8	14.7	13.6
12.5°	31.3	30.3	29.2	28.0	26.8	25.3	23.6	21.9	20.1	18.3	16.8
15°	37.7	36.1	34.6	33.0	31.5	29.9	28.2	26.2	24.2	22.1	20.0
17.5°	44.7	42.6	40.5	38.4	36.4	34.4	32.4	30.3	28.1	25.8	23.4
20°	50.8	48.9	46.8	44.4	41.8	39.2	36.8	34.4	31.8	29.3	26.7
22.5°	57.4	55.2	52.9	50.4	47.6	44.5	41.4	38.5	35.6	32.6	29.8
25°	64.7	61.9	59.0	56.2	53.7	50.8	47.7	44.6	41.6	38.6	35.8
27.5°	72.0	69.8	67.0	64.2	61.4	58.5	55.3	51.9	48.6	45.3	42.1
30°	78.4	77.1	75.0	72.0	69.0	65.9	62.6	59.1	55.7	51.9	48.3
32.5°	84.1	83.1	81.7	79.5	76.4	73.2	69.7	66.1	62.3	58.4	54.5
35°	88.7	88.5	87.5	86.1	83.4	80.3	76.7	73.1	68.9	64.9	60.8
37.5°	93.3	92.8	92.8	91.5	90.2	86.9	83.5	79.5	75.4	71.3	67.0
40°	98.2	97.0	96.9	96.8	95.4	93.1	90.1	86.0	81.8	77.6	73.1
42.5°	103.1	101.7	100.8	101.1	100.4	99.1	96.1	92.5	87.9	83.7	79.2
45°	108.3	106.3	105.1	104.8	105.3	104.0	101.8	98.8	94.1	89.7	85.2
47.5°	113.5	111.2	109.4	108.4	109.1	109.6	109.9	109.0	106.2	102.7	98.5
50°	119.8	116.6	116.5	117.8	120.3	123.0	124.1	123.9	122.0	118.5	113.6
52.5°	131.4	129.5	129.1	130.0	132.3	136.0	137.7	138.4	137.6	134.5	128.7
55°	146.3	143.0	141.7	141.7	144.3	148.2	151.0	152.5	153.0	150.3	143.9
57.5°	161.9	156.2	154.3	153.8	156.2	160.3	164.1	166.4	167.9	165.8	159.3
60°	177.0	169.7	167.2	166.2	167.8	172.2	176.9	179.9	182.2	181.2	174.8
62.5°	192.3	184.4	179.9	178.5	179.0	183.9	189.5	193.2	196.3	196.3	190.4
65°	206.9	198.7	192.5	190.8	190.0	195.6	201.7	206.3	210.2	211.4	206.0
67.5°	220.4	212.5	204.9	203.1	202.2	207.1	213.7	219.2	223.9	226.3	221.7
70°	233.3	226.0	218.4	215.1	213.5	216.8	222.6	227.5	231.1	231.8	225.0
72.5°	245.0	236.4	228.3	223.4	221.7	223.8	228.6	233.0	236.2	235.3	226.6
75°	255.2	245.6	237.5	231.7	229.7	231.2	235.0	238.6	241.6	239.2	228.3
77.5°	265.0	254.7	246.2	240.0	237.5	238.9	241.6	244.2	247.3	243.3	230.0
80°	274.5	263.6	254.6	248.3	245.1	246.8	248.5	249.9	253.1	247.6	231.8
82.5°	283.6	272.4	262.7	256.6	252.7	254.9	255.5	255.6	259.0	251.9	234.4
85°	292.3	280.9	270.6	264.8	260.1	263.2	262.7	261.3	265.3	256.6	235.4
87.5°	300.9	289.4	278.3	272.9	267.5	271.6	269.8	267.3	271.1	260.6	236.5
90°	308.7	297.2	285.7	280.9	275.1	279.9	277.0	273.2	277.0	264.5	237.6
92.5°	300.9	289.4	278.3	272.9	267.5	271.6	269.8	267.3	271.1	260.6	236.5
95°	292.3	280.9	270.6	264.8	260.1	263.2	262.7	261.3	265.3	256.6	235.4
97.5°	283.6	272.4	262.7	256.6	252.7	254.9	255.5	255.6	259.0	251.9	234.4
100°	274.5	263.6	254.6	248.3	245.1	246.8	248.5	249.9	253.1	247.6	231.8
102.5°	265.0	254.7	246.2	240.0	237.5	238.9	241.6	244.2	247.3	243.3	230.0
105°	255.2	245.6	237.5	231.7	229.7	231.2	235.0	238.6	241.6	239.2	228.3
107.5°	245.0	236.4	228.3	223.4	221.7	223.8	228.6	233.0	236.2	235.3	226.6
110°	233.3	226.0	218.4	215.1	213.5	216.8	222.6	227.5	231.1	231.8	225.0



TEST NUMBER: P231880

CATALOG NUMBER: FVS4WM-2-LD4-30-1HI-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
112.5°	220.4	212.5	204.9	203.1	202.2	207.1	213.7	219.2	223.9	226.3	221.7
115°	206.9	198.7	192.5	190.8	190.0	195.6	201.7	206.3	210.2	211.4	206.0
117.5°	192.3	184.4	179.9	178.5	179.0	183.9	189.5	193.2	196.3	196.3	190.4
120°	177.0	169.7	167.2	166.2	167.8	172.2	176.9	179.9	182.2	181.2	174.8
122.5°	161.9	156.2	154.3	153.8	156.2	160.3	164.1	166.4	167.9	165.8	159.3
125°	146.3	143.0	141.7	141.7	144.3	148.2	151.0	152.5	153.0	150.3	143.9
127.5°	131.4	129.5	129.1	130.0	132.3	136.0	137.7	138.4	137.6	134.5	128.7
130°	119.8	116.6	116.5	117.8	120.3	123.0	124.1	123.9	122.0	118.5	113.6
132.5°	113.5	111.2	109.4	108.4	109.1	109.6	109.9	109.0	106.2	102.7	98.5
135°	108.3	106.3	105.1	104.8	105.3	104.0	101.8	98.8	94.1	89.7	85.2
137.5°	103.1	101.7	100.8	101.1	100.4	99.1	96.1	92.5	87.9	83.7	79.2
140°	98.2	97.0	96.9	96.8	95.4	93.1	90.1	86.0	81.8	77.6	73.1
142.5°	93.3	92.8	92.8	91.5	90.2	86.9	83.5	79.5	75.4	71.3	67.0
145°	88.7	88.5	87.5	86.1	83.4	80.3	76.7	73.1	68.9	64.9	60.8
147.5°	84.1	83.1	81.7	79.5	76.4	73.2	69.7	66.1	62.3	58.4	54.5
150°	78.4	77.1	75.0	72.0	69.0	65.9	62.6	59.1	55.7	51.9	48.3
152.5°	72.0	69.8	67.0	64.2	61.4	58.5	55.3	51.9	48.6	45.3	42.1
155°	64.7	61.9	59.0	56.2	53.7	50.8	47.7	44.6	41.6	38.6	35.8
157.5°	57.4	55.2	52.9	50.4	47.6	44.5	41.4	38.5	35.6	32.6	29.8
160°	50.8	48.9	46.8	44.4	41.8	39.2	36.8	34.4	31.8	29.3	26.7
162.5°	44.7	42.6	40.5	38.4	36.4	34.4	32.4	30.3	28.1	25.8	23.4
165°	37.7	36.1	34.6	33.0	31.5	29.9	28.2	26.2	24.2	22.1	20.0
167.5°	31.3	30.3	29.2	28.0	26.8	25.3	23.6	21.9	20.1	18.3	16.8
170°	25.9	25.0	24.2	22.9	21.5	20.2	18.7	17.3	15.8	14.7	13.6
172.5°	19.7	18.8	17.8	16.8	15.8	14.8	13.7	12.8	12.0	11.2	10.3
175°	12.5	11.9	11.2	10.7	10.2	9.7	9.2	8.7	8.1	7.5	6.9
177.5°	6.2	5.9	5.7	5.5	5.2	4.9	4.7	4.4	4.1	3.8	3.5
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: P231880

CATALOG NUMBER: FVS4WM-2-LD4-30-1HI-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	3.2	2.9	2.6	2.2	2.2	2.2	2.2	2.2	2.1	2.1	2.1
5°	6.3	5.7	5.1	4.5	4.4	4.4	4.3	4.3	4.2	4.1	4.0
7.5°	9.4	8.6	7.6	6.7	6.6	6.5	6.4	6.3	6.2	6.0	5.9
10°	12.5	11.3	10.2	9.0	8.8	8.7	8.5	8.3	8.1	7.9	7.7
12.5°	15.4	14.1	12.6	11.2	11.0	10.7	10.5	10.2	9.9	9.7	9.4
15°	18.3	16.7	15.1	13.5	13.1	12.8	12.4	12.0	11.7	11.5	11.2
17.5°	21.2	19.4	17.6	15.7	15.3	14.8	14.3	13.9	13.5	13.2	12.8
20°	24.0	22.0	20.0	18.0	17.4	16.7	16.1	15.7	15.3	14.9	14.4
22.5°	27.0	24.6	22.4	20.2	19.5	18.7	18.0	17.5	17.0	16.5	16.0
25°	33.0	30.4	28.2	25.9	25.1	24.3	23.6	23.0	22.2	21.3	20.3
27.5°	39.2	36.3	34.0	31.5	30.9	30.1	29.6	29.1	28.3	27.3	26.2
30°	45.2	42.1	39.7	37.2	36.7	36.0	35.7	35.3	34.4	33.5	31.9
32.5°	51.2	48.0	45.4	42.9	42.5	42.0	41.9	41.5	40.6	39.3	37.3
35°	57.1	53.9	51.2	48.5	48.3	48.0	48.1	47.7	46.9	44.8	42.4
37.5°	62.9	59.7	56.9	54.2	54.1	54.1	54.4	54.0	53.2	50.2	47.1
40°	68.6	65.4	62.5	59.9	60.0	60.3	60.8	60.3	58.7	55.2	51.5
42.5°	74.4	71.1	68.2	65.5	65.9	66.4	67.2	66.6	64.1	60.3	55.6
45°	80.2	76.8	73.8	71.2	71.8	72.7	73.5	73.0	69.4	64.6	59.4
47.5°	92.3	87.1	82.3	77.7	76.7	76.4	76.2	75.4	71.2	66.5	61.5
50°	105.4	97.9	91.0	84.2	81.4	79.7	78.4	76.5	71.6	66.8	61.8
52.5°	118.9	109.0	99.8	90.7	86.1	82.9	80.4	77.2	72.1	67.3	62.3
55°	132.8	120.2	108.7	97.2	90.6	86.0	82.2	78.0	72.6	68.0	62.9
57.5°	146.9	131.7	117.7	103.8	95.1	88.8	83.9	78.8	73.3	68.8	63.7
60°	161.3	143.4	126.9	110.3	99.4	91.6	85.5	79.6	74.1	69.6	64.9
62.5°	176.0	155.2	136.1	116.8	103.7	94.2	86.9	80.4	75.0	70.6	66.4
65°	190.8	167.2	145.3	123.3	107.9	96.7	88.3	81.2	76.1	71.7	68.3
67.5°	205.7	179.2	154.7	129.8	112.0	99.1	89.6	82.0	77.2	72.9	70.4
70°	207.2	179.5	154.4	129.4	111.2	98.3	88.8	81.5	77.0	72.9	71.2
72.5°	207.5	179.4	154.1	129.0	110.4	97.5	87.8	80.9	76.4	72.4	71.1
75°	207.6	179.1	154.5	128.5	109.7	96.7	86.9	80.4	75.8	72.0	71.0
77.5°	207.6	178.7	153.8	128.1	108.9	96.0	86.1	80.0	75.3	71.7	70.9
80°	207.4	178.9	153.0	127.7	108.2	95.4	85.3	79.6	74.8	71.5	70.7
82.5°	207.8	178.0	152.3	127.3	107.6	94.8	84.6	79.4	74.3	71.4	70.6
85°	206.8	177.0	151.5	126.8	106.9	94.2	83.9	79.2	73.9	71.3	70.5
87.5°	205.9	176.1	150.8	126.4	106.4	93.7	83.3	79.0	73.5	71.2	70.3
90°	204.9	175.1	150.0	126.0	105.8	93.3	82.7	78.9	73.1	71.2	70.2
92.5°	205.9	176.1	150.8	126.4	106.4	93.7	83.3	79.0	73.5	71.2	70.3
95°	206.8	177.0	151.5	126.8	106.9	94.2	83.9	79.2	73.9	71.3	70.5
97.5°	207.8	178.0	152.3	127.3	107.6	94.8	84.6	79.4	74.3	71.4	70.6
100°	207.4	178.9	153.0	127.7	108.2	95.4	85.3	79.6	74.8	71.5	70.7
102.5°	207.6	178.7	153.8	128.1	108.9	96.0	86.1	80.0	75.3	71.7	70.9
105°	207.6	179.1	154.5	128.5	109.7	96.7	86.9	80.4	75.8	72.0	71.0
107.5°	207.5	179.4	154.1	129.0	110.4	97.5	87.8	80.9	76.4	72.4	71.1
110°	207.2	179.5	154.4	129.4	111.2	98.3	88.8	81.5	77.0	72.9	71.2



TEST NUMBER: P231880

CATALOG NUMBER: FVS4WM-2-LD4-30-1HI-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
112.5°	205.7	179.2	154.7	129.8	112.0	99.1	89.6	82.0	77.2	72.9	70.4
115°	190.8	167.2	145.3	123.3	107.9	96.7	88.3	81.2	76.1	71.7	68.3
117.5°	176.0	155.2	136.1	116.8	103.7	94.2	86.9	80.4	75.0	70.6	66.4
120°	161.3	143.4	126.9	110.3	99.4	91.6	85.5	79.6	74.1	69.6	64.9
122.5°	146.9	131.7	117.7	103.8	95.1	88.8	83.9	78.8	73.3	68.8	63.7
125°	132.8	120.2	108.7	97.2	90.6	86.0	82.2	78.0	72.6	68.0	62.9
127.5°	118.9	109.0	99.8	90.7	86.1	82.9	80.4	77.2	72.1	67.3	62.3
130°	105.4	97.9	91.0	84.2	81.4	79.7	78.4	76.5	71.6	66.8	61.8
132.5°	92.3	87.1	82.3	77.7	76.7	76.4	76.2	75.4	71.2	66.5	61.5
135°	80.2	76.8	73.8	71.2	71.8	72.7	73.5	73.0	69.4	64.6	59.4
137.5°	74.4	71.1	68.2	65.5	65.9	66.4	67.2	66.6	64.1	60.3	55.6
140°	68.6	65.4	62.5	59.9	60.0	60.3	60.8	60.3	58.7	55.2	51.5
142.5°	62.9	59.7	56.9	54.2	54.1	54.1	54.4	54.0	53.2	50.2	47.1
145°	57.1	53.9	51.2	48.5	48.3	48.0	48.1	47.7	46.9	44.8	42.4
147.5°	51.2	48.0	45.4	42.9	42.5	42.0	41.9	41.5	40.6	39.3	37.3
150°	45.2	42.1	39.7	37.2	36.7	36.0	35.7	35.3	34.4	33.5	31.9
152.5°	39.2	36.3	34.0	31.5	30.9	30.1	29.6	29.1	28.3	27.3	26.2
155°	33.0	30.4	28.2	25.9	25.1	24.3	23.6	23.0	22.2	21.3	20.3
157.5°	27.0	24.6	22.4	20.2	19.5	18.7	18.0	17.5	17.0	16.5	16.0
160°	24.0	22.0	20.0	18.0	17.4	16.7	16.1	15.7	15.3	14.9	14.4
162.5°	21.2	19.4	17.6	15.7	15.3	14.8	14.3	13.9	13.5	13.2	12.8
165°	18.3	16.7	15.1	13.5	13.1	12.8	12.4	12.0	11.7	11.5	11.2
167.5°	15.4	14.1	12.6	11.2	11.0	10.7	10.5	10.2	9.9	9.7	9.4
170°	12.5	11.3	10.2	9.0	8.8	8.7	8.5	8.3	8.1	7.9	7.7
172.5°	9.4	8.6	7.6	6.7	6.6	6.5	6.4	6.3	6.2	6.0	5.9
175°	6.3	5.7	5.1	4.5	4.4	4.4	4.3	4.3	4.2	4.1	4.0
177.5°	3.2	2.9	2.6	2.2	2.2	2.2	2.2	2.2	2.1	2.1	2.1
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P231880

CATALOG NUMBER: FVS4WM-2-LD4-30-1HI-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	2.0	2.0	2.0	1.9	1.9	1.8	1.7	1.7	1.6	1.6	1.5
5°	3.9	3.9	3.7	3.6	3.5	3.4	3.3	3.2	3.1	2.9	2.8
7.5°	5.7	5.6	5.5	5.3	5.1	5.0	4.8	4.6	4.4	4.3	4.1
10°	7.5	7.3	7.1	6.9	6.7	6.5	6.2	6.0	5.7	5.5	5.2
12.5°	9.2	9.0	8.7	8.4	8.1	7.9	7.6	7.3	7.0	6.8	6.5
15°	10.9	10.5	10.2	9.9	9.5	9.3	9.0	8.7	8.5	8.1	7.8
17.5°	12.5	12.1	11.7	11.4	11.1	10.9	10.6	10.2	9.9	9.5	9.2
20°	14.0	13.5	13.3	13.0	12.8	12.4	12.1	11.7	11.3	10.7	10.1
22.5°	15.5	15.3	15.0	14.7	14.4	14.0	13.6	12.9	12.3	11.6	11.2
25°	19.3	18.3	17.3	16.4	16.0	15.4	14.7	13.9	13.5	13.0	12.5
27.5°	25.0	23.7	22.3	21.0	19.5	17.8	16.4	15.4	14.9	14.1	13.3
30°	30.3	28.6	26.9	24.9	22.9	21.3	19.8	18.4	16.8	15.2	14.2
32.5°	35.2	33.0	30.7	28.3	26.2	24.4	22.6	20.6	18.9	17.6	16.4
35°	39.7	37.0	34.1	31.4	29.2	27.0	24.6	22.6	21.1	19.6	17.9
37.5°	43.9	40.5	37.1	34.4	31.7	28.9	26.5	24.7	22.8	20.9	19.2
40°	47.6	43.7	40.1	36.9	33.7	30.6	28.5	26.3	24.1	22.2	20.7
42.5°	51.1	46.5	42.8	39.0	35.3	32.6	30.1	27.5	25.4	23.6	21.9
45°	54.2	49.4	45.1	40.8	37.1	34.2	31.3	28.7	26.6	24.6	22.7
47.5°	56.4	51.8	47.1	42.3	38.9	35.6	32.5	30.0	27.6	25.4	23.8
50°	56.8	52.7	48.6	44.6	41.0	36.9	33.7	31.0	28.4	26.4	24.5
52.5°	57.7	54.0	50.6	47.7	44.4	40.5	36.7	32.8	29.3	27.2	24.7
55°	59.0	56.0	53.5	51.4	48.1	44.3	40.2	36.2	32.7	28.8	24.9
57.5°	60.6	58.6	57.1	55.4	52.3	48.1	43.8	39.7	35.7	31.3	27.1
60°	62.5	61.7	61.2	59.6	56.3	51.9	47.4	43.0	38.3	33.6	29.2
62.5°	64.9	65.2	65.7	64.1	60.4	55.7	50.9	46.1	40.7	35.8	31.4
65°	67.9	69.3	70.6	68.9	64.4	59.5	54.3	48.8	43.1	38.0	33.3
67.5°	71.1	73.6	75.2	73.6	68.5	63.3	57.7	51.4	45.5	40.2	35.1
70°	72.9	76.4	78.8	77.5	72.6	67.1	60.9	54.0	48.0	42.2	36.7
72.5°	73.0	76.2	78.2	76.9	73.2	68.6	62.7	56.1	50.4	44.2	38.2
75°	72.8	75.9	77.7	76.8	73.8	69.5	63.5	56.9	50.9	44.9	39.4
77.5°	72.6	75.5	77.4	77.0	74.7	70.7	64.4	57.9	51.6	45.3	40.2
80°	72.2	75.0	77.1	77.5	75.8	72.1	65.5	59.0	52.4	46.0	41.0
82.5°	71.8	74.3	76.8	78.2	77.1	73.8	66.9	60.3	53.4	46.9	42.1
85°	71.3	73.6	76.6	79.0	78.6	75.7	68.4	61.8	54.6	48.0	43.3
87.5°	70.8	72.9	76.3	79.9	80.2	77.7	70.1	63.5	56.0	49.4	44.6
90°	70.2	72.1	76.0	80.8	81.8	79.8	72.1	65.4	57.7	51.0	46.2
92.5°	70.8	72.9	76.3	79.9	80.2	77.7	70.1	63.5	56.0	49.4	44.6
95°	71.3	73.6	76.6	79.0	78.6	75.7	68.4	61.8	54.6	48.0	43.3
97.5°	71.8	74.3	76.8	78.2	77.1	73.8	66.9	60.3	53.4	46.9	42.1
100°	72.2	75.0	77.1	77.5	75.8	72.1	65.5	59.0	52.4	46.0	41.0
102.5°	72.6	75.5	77.4	77.0	74.7	70.7	64.4	57.9	51.6	45.3	40.2
105°	72.8	75.9	77.7	76.8	73.8	69.5	63.5	56.9	50.9	44.9	39.4
107.5°	73.0	76.2	78.2	76.9	73.2	68.6	62.7	56.1	50.4	44.2	38.2
110°	72.9	76.4	78.8	77.5	72.6	67.1	60.9	54.0	48.0	42.2	36.7



TEST NUMBER: P231880

CATALOG NUMBER: FVS4WM-2-LD4-30-1HI-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
112.5°	71.1	73.6	75.2	73.6	68.5	63.3	57.7	51.4	45.5	40.2	35.1
115°	67.9	69.3	70.6	68.9	64.4	59.5	54.3	48.8	43.1	38.0	33.3
117.5°	64.9	65.2	65.7	64.1	60.4	55.7	50.9	46.1	40.7	35.8	31.4
120°	62.5	61.7	61.2	59.6	56.3	51.9	47.4	43.0	38.3	33.6	29.2
122.5°	60.6	58.6	57.1	55.4	52.3	48.1	43.8	39.7	35.7	31.3	27.1
125°	59.0	56.0	53.5	51.4	48.1	44.3	40.2	36.2	32.7	28.8	24.9
127.5°	57.7	54.0	50.6	47.7	44.4	40.5	36.7	32.8	29.3	27.2	24.7
130°	56.8	52.7	48.6	44.6	41.0	36.9	33.7	31.0	28.4	26.4	24.5
132.5°	56.4	51.8	47.1	42.3	38.9	35.6	32.5	30.0	27.6	25.4	23.8
135°	54.2	49.4	45.1	40.8	37.1	34.2	31.3	28.7	26.6	24.6	22.7
137.5°	51.1	46.5	42.8	39.0	35.3	32.6	30.1	27.5	25.4	23.6	21.9
140°	47.6	43.7	40.1	36.9	33.7	30.6	28.5	26.3	24.1	22.2	20.7
142.5°	43.9	40.5	37.1	34.4	31.7	28.9	26.5	24.7	22.8	20.9	19.2
145°	39.7	37.0	34.1	31.4	29.2	27.0	24.6	22.6	21.1	19.6	17.9
147.5°	35.2	33.0	30.7	28.3	26.2	24.4	22.6	20.6	18.9	17.6	16.4
150°	30.3	28.6	26.9	24.9	22.9	21.3	19.8	18.4	16.8	15.2	14.2
152.5°	25.0	23.7	22.3	21.0	19.5	17.8	16.4	15.4	14.9	14.1	13.3
155°	19.3	18.3	17.3	16.4	16.0	15.4	14.7	13.9	13.5	13.0	12.5
157.5°	15.5	15.3	15.0	14.7	14.4	14.0	13.6	12.9	12.3	11.6	11.2
160°	14.0	13.5	13.3	13.0	12.8	12.4	12.1	11.7	11.3	10.7	10.1
162.5°	12.5	12.1	11.7	11.4	11.1	10.9	10.6	10.2	9.9	9.5	9.2
165°	10.9	10.5	10.2	9.9	9.5	9.3	9.0	8.7	8.5	8.1	7.8
167.5°	9.2	9.0	8.7	8.4	8.1	7.9	7.6	7.3	7.0	6.8	6.5
170°	7.5	7.3	7.1	6.9	6.7	6.5	6.2	6.0	5.7	5.5	5.2
172.5°	5.7	5.6	5.5	5.3	5.1	5.0	4.8	4.6	4.4	4.3	4.1
175°	3.9	3.9	3.7	3.6	3.5	3.4	3.3	3.2	3.1	2.9	2.8
177.5°	2.0	2.0	2.0	1.9	1.9	1.8	1.7	1.7	1.6	1.6	1.5
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: P231880

CATALOG NUMBER: FVS4WM-2-LD4-30-1HI-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	1.4	1.3	1.3	1.2	1.1	1.0	1.0	0.9	0.8	0.7	0.6
5°	2.7	2.5	2.4	2.3	2.1	2.0	1.8	1.6	1.5	1.3	1.2
7.5°	3.9	3.7	3.5	3.2	3.0	2.8	2.6	2.4	2.1	1.9	1.7
10°	5.0	4.7	4.5	4.2	3.9	3.7	3.4	3.1	2.8	2.5	2.2
12.5°	6.2	5.9	5.6	5.3	5.0	4.6	4.3	3.9	3.5	3.2	2.8
15°	7.5	7.1	6.8	6.4	6.0	5.5	5.0	4.6	4.1	3.7	3.2
17.5°	8.7	8.2	7.7	7.2	6.6	6.1	5.7	5.2	4.7	4.2	3.7
20°	9.6	9.0	8.6	8.1	7.6	7.1	6.5	5.9	5.3	4.7	4.1
22.5°	10.7	10.2	9.6	9.0	8.3	7.6	7.0	6.4	5.8	5.2	4.5
25°	11.8	11.0	10.3	9.6	9.0	8.4	7.8	7.1	6.4	5.7	4.9
27.5°	12.4	11.8	11.3	10.6	9.9	9.1	8.3	7.5	6.8	6.1	5.3
30°	13.6	13.0	12.1	11.2	10.4	9.7	9.0	8.2	7.5	6.7	5.9
32.5°	14.9	13.6	12.7	12.0	11.3	10.6	9.8	9.0	8.2	7.4	6.5
35°	16.3	15.1	14.0	13.1	12.4	11.6	10.8	9.9	9.0	8.1	7.1
37.5°	17.9	16.6	15.5	14.4	13.4	12.6	11.7	10.8	9.8	8.8	7.8
40°	19.2	17.9	16.7	15.6	14.6	13.6	12.7	11.7	10.7	9.6	8.4
42.5°	20.3	19.0	17.8	16.5	15.4	14.5	13.7	12.6	11.2	9.9	8.6
45°	21.3	19.9	18.4	17.1	16.0	14.9	13.8	12.7	11.6	10.5	9.3
47.5°	22.1	20.3	18.7	17.3	16.0	14.8	13.8	13.1	12.4	10.9	9.4
50°	22.4	20.4	18.7	17.2	15.9	14.9	14.0	12.9	11.9	11.0	9.5
52.5°	22.4	20.2	18.6	17.1	15.9	14.7	13.5	12.5	11.6	10.9	10.1
55°	22.1	20.2	18.5	17.0	15.6	14.3	13.3	12.4	11.7	11.1	10.2
57.5°	23.4	20.3	18.3	16.7	15.2	14.2	13.2	12.5	11.6	10.6	9.7
60°	25.5	22.1	19.0	16.3	15.2	14.2	13.3	12.3	11.3	10.3	9.3
62.5°	27.3	23.6	20.5	17.8	15.6	14.1	13.1	12.1	11.0	9.9	8.9
65°	28.9	25.2	22.0	19.2	16.9	14.8	13.0	11.9	10.8	9.7	8.6
67.5°	30.4	26.8	23.2	20.5	17.9	15.6	13.7	11.9	10.7	9.6	8.4
70°	32.2	28.1	24.5	21.6	18.7	16.3	14.2	12.3	10.8	9.5	7.9
72.5°	33.9	29.3	25.8	22.4	19.4	16.9	14.5	12.5	10.9	9.1	7.2
75°	35.2	30.4	27.1	23.1	20.1	17.3	14.7	12.6	10.7	8.4	6.4
77.5°	35.6	31.1	27.6	23.8	20.7	17.6	14.7	12.8	10.2	7.7	5.9
80°	36.1	31.8	27.9	24.2	20.9	17.7	15.0	12.7	9.8	7.1	5.5
82.5°	36.8	32.5	28.5	24.6	21.2	17.8	15.0	12.2	9.3	6.8	4.6
85°	37.8	33.4	29.3	25.2	21.6	18.0	15.0	12.1	8.8	6.3	3.7
87.5°	39.0	34.4	30.4	25.9	22.2	18.5	15.1	12.1	8.6	6.0	3.1
90°	40.4	35.6	31.7	26.9	23.1	19.2	15.4	12.5	8.7	5.8	2.9
92.5°	39.0	34.4	30.4	25.9	22.2	18.5	15.1	12.1	8.6	6.0	3.1
95°	37.8	33.4	29.3	25.2	21.6	18.0	15.0	12.1	8.8	6.3	3.7
97.5°	36.8	32.5	28.5	24.6	21.2	17.8	15.0	12.2	9.3	6.8	4.6
100°	36.1	31.8	27.9	24.2	20.9	17.7	15.0	12.7	9.8	7.1	5.5
102.5°	35.6	31.1	27.6	23.8	20.7	17.6	14.7	12.8	10.2	7.7	5.9
105°	35.2	30.4	27.1	23.1	20.1	17.3	14.7	12.6	10.7	8.4	6.4
107.5°	33.9	29.3	25.8	22.4	19.4	16.9	14.5	12.5	10.9	9.1	7.2
110°	32.2	28.1	24.5	21.6	18.7	16.3	14.2	12.3	10.8	9.5	7.9



TEST NUMBER: P231880

CATALOG NUMBER: FVS4WM-2-LD4-30-1HI-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
112.5°	30.4	26.8	23.2	20.5	17.9	15.6	13.7	11.9	10.7	9.6	8.4
115°	28.9	25.2	22.0	19.2	16.9	14.8	13.0	11.9	10.8	9.7	8.6
117.5°	27.3	23.6	20.5	17.8	15.6	14.1	13.1	12.1	11.0	9.9	8.9
120°	25.5	22.1	19.0	16.3	15.2	14.2	13.3	12.3	11.3	10.3	9.3
122.5°	23.4	20.3	18.3	16.7	15.2	14.2	13.2	12.5	11.6	10.6	9.7
125°	22.1	20.2	18.5	17.0	15.6	14.3	13.3	12.4	11.7	11.1	10.2
127.5°	22.4	20.2	18.6	17.1	15.9	14.7	13.5	12.5	11.6	10.9	10.1
130°	22.4	20.4	18.7	17.2	15.9	14.9	14.0	12.9	11.9	11.0	9.5
132.5°	22.1	20.3	18.7	17.3	16.0	14.8	13.8	13.1	12.4	10.9	9.4
135°	21.3	19.9	18.4	17.1	16.0	14.9	13.8	12.7	11.6	10.5	9.3
137.5°	20.3	19.0	17.8	16.5	15.4	14.5	13.7	12.6	11.2	9.9	8.6
140°	19.2	17.9	16.7	15.6	14.6	13.6	12.7	11.7	10.7	9.6	8.4
142.5°	17.9	16.6	15.5	14.4	13.4	12.6	11.7	10.8	9.8	8.8	7.8
145°	16.3	15.1	14.0	13.1	12.4	11.6	10.8	9.9	9.0	8.1	7.1
147.5°	14.9	13.6	12.7	12.0	11.3	10.6	9.8	9.0	8.2	7.4	6.5
150°	13.6	13.0	12.1	11.2	10.4	9.7	9.0	8.2	7.5	6.7	5.9
152.5°	12.4	11.8	11.3	10.6	9.9	9.1	8.3	7.5	6.8	6.1	5.3
155°	11.8	11.0	10.3	9.6	9.0	8.4	7.8	7.1	6.4	5.7	4.9
157.5°	10.7	10.2	9.6	9.0	8.3	7.6	7.0	6.4	5.8	5.2	4.5
160°	9.6	9.0	8.6	8.1	7.6	7.1	6.5	5.9	5.3	4.7	4.1
162.5°	8.7	8.2	7.7	7.2	6.6	6.1	5.7	5.2	4.7	4.2	3.7
165°	7.5	7.1	6.8	6.4	6.0	5.5	5.0	4.6	4.1	3.7	3.2
167.5°	6.2	5.9	5.6	5.3	5.0	4.6	4.3	3.9	3.5	3.2	2.8
170°	5.0	4.7	4.5	4.2	3.9	3.7	3.4	3.1	2.8	2.5	2.2
172.5°	3.9	3.7	3.5	3.2	3.0	2.8	2.6	2.4	2.1	1.9	1.7
175°	2.7	2.5	2.4	2.3	2.1	2.0	1.8	1.6	1.5	1.3	1.2
177.5°	1.4	1.3	1.3	1.2	1.1	1.0	1.0	0.9	0.8	0.7	0.6
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P231880

CATALOG NUMBER: FVS4WM-2-LD4-30-1HI-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	0.5	0.4	0.4	0.3	0.2	0.1	0.0	0.1	0.2	0.3	0.4
5°	1.0	0.8	0.7	0.5	0.3	0.2	0.0	0.2	0.3	0.5	0.7
7.5°	1.4	1.2	1.0	0.7	0.5	0.2	0.0	0.2	0.5	0.7	1.0
10°	1.9	1.6	1.3	1.0	0.6	0.3	0.0	0.3	0.6	1.0	1.3
12.5°	2.4	2.0	1.6	1.2	0.8	0.4	0.0	0.4	0.8	1.2	1.6
15°	2.8	2.3	1.8	1.4	0.9	0.5	0.0	0.5	0.9	1.4	1.8
17.5°	3.2	2.7	2.1	1.6	1.1	0.5	0.0	0.5	1.1	1.6	2.1
20°	3.5	2.9	2.3	1.7	1.2	0.6	0.0	0.6	1.2	1.7	2.3
22.5°	3.9	3.3	2.6	2.0	1.3	0.7	0.0	0.7	1.3	2.0	2.6
25°	4.2	3.5	2.8	2.1	1.4	0.7	0.0	0.7	1.4	2.1	2.8
27.5°	4.6	3.9	3.1	2.3	1.6	0.8	0.0	0.8	1.6	2.3	3.1
30°	5.1	4.3	3.4	2.6	1.7	0.9	0.0	0.9	1.7	2.6	3.4
32.5°	5.6	4.7	3.8	2.9	1.9	1.0	0.0	1.0	1.9	2.9	3.8
35°	6.2	5.2	4.2	3.1	2.1	1.0	0.0	1.0	2.1	3.1	4.2
37.5°	6.7	5.7	4.6	3.4	2.3	1.2	0.0	1.2	2.3	3.4	4.6
40°	7.2	5.9	4.7	3.5	2.3	1.2	0.0	1.2	2.3	3.5	4.7
42.5°	7.4	6.2	5.0	3.8	2.5	1.3	0.0	1.3	2.5	3.8	5.0
45°	7.9	6.5	5.2	3.9	2.6	1.3	0.0	1.3	2.6	3.9	5.2
47.5°	8.0	6.6	5.2	3.9	2.6	1.3	0.0	1.3	2.6	3.9	5.2
50°	8.1	6.8	5.5	4.2	2.8	1.4	0.0	1.4	2.8	4.2	5.5
52.5°	8.8	7.2	5.7	4.2	2.8	1.4	0.0	1.4	2.8	4.2	5.7
55°	8.7	7.2	5.7	4.2	2.8	1.4	0.0	1.4	2.8	4.2	5.7
57.5°	8.7	7.1	5.6	4.1	2.7	1.3	0.0	1.3	2.7	4.1	5.6
60°	8.3	7.0	5.4	4.0	2.6	1.3	0.0	1.3	2.6	4.0	5.4
62.5°	7.8	6.7	5.2	3.8	2.5	1.2	0.0	1.2	2.5	3.8	5.2
65°	7.4	6.3	5.0	3.6	2.3	1.2	0.0	1.2	2.3	3.6	5.0
67.5°	7.0	5.7	4.6	3.3	2.1	1.0	0.0	1.0	2.1	3.3	4.6
70°	6.4	5.0	4.0	3.0	1.9	0.9	0.0	0.9	1.9	3.0	4.0
72.5°	5.6	4.4	3.5	2.5	1.5	0.7	0.0	0.7	1.5	2.5	3.5
75°	5.2	3.9	2.6	1.8	1.0	0.4	0.0	0.4	1.0	1.8	2.6
77.5°	4.5	2.9	2.0	1.1	0.4	0.0	0.0	0.0	0.4	1.1	2.0
80°	3.3	2.1	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2
82.5°	2.4	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	1.6	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	1.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	1.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	1.6	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	2.4	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	3.3	2.1	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2
102.5°	4.5	2.9	2.0	1.1	0.4	0.0	0.0	0.0	0.4	1.1	2.0
105°	5.2	3.9	2.6	1.8	1.0	0.4	0.0	0.4	1.0	1.8	2.6
107.5°	5.6	4.4	3.5	2.5	1.5	0.7	0.0	0.7	1.5	2.5	3.5
110°	6.4	5.0	4.0	3.0	1.9	0.9	0.0	0.9	1.9	3.0	4.0



TEST NUMBER: P231880

CATALOG NUMBER: FVS4WM-2-LD4-30-1HI-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
112.5°	7.0	5.7	4.6	3.3	2.1	1.0	0.0	1.0	2.1	3.3	4.6
115°	7.4	6.3	5.0	3.6	2.3	1.2	0.0	1.2	2.3	3.6	5.0
117.5°	7.8	6.7	5.2	3.8	2.5	1.2	0.0	1.2	2.5	3.8	5.2
120°	8.3	7.0	5.4	4.0	2.6	1.3	0.0	1.3	2.6	4.0	5.4
122.5°	8.7	7.1	5.6	4.1	2.7	1.3	0.0	1.3	2.7	4.1	5.6
125°	8.7	7.2	5.7	4.2	2.8	1.4	0.0	1.4	2.8	4.2	5.7
127.5°	8.8	7.2	5.7	4.2	2.8	1.4	0.0	1.4	2.8	4.2	5.7
130°	8.1	6.8	5.5	4.2	2.8	1.4	0.0	1.4	2.8	4.2	5.5
132.5°	8.0	6.6	5.2	3.9	2.6	1.3	0.0	1.3	2.6	3.9	5.2
135°	7.9	6.5	5.2	3.9	2.6	1.3	0.0	1.3	2.6	3.9	5.2
137.5°	7.4	6.2	5.0	3.8	2.5	1.3	0.0	1.3	2.5	3.8	5.0
140°	7.2	5.9	4.7	3.5	2.3	1.2	0.0	1.2	2.3	3.5	4.7
142.5°	6.7	5.7	4.6	3.4	2.3	1.2	0.0	1.2	2.3	3.4	4.6
145°	6.2	5.2	4.2	3.1	2.1	1.0	0.0	1.0	2.1	3.1	4.2
147.5°	5.6	4.7	3.8	2.9	1.9	1.0	0.0	1.0	1.9	2.9	3.8
150°	5.1	4.3	3.4	2.6	1.7	0.9	0.0	0.9	1.7	2.6	3.4
152.5°	4.6	3.9	3.1	2.3	1.6	0.8	0.0	0.8	1.6	2.3	3.1
155°	4.2	3.5	2.8	2.1	1.4	0.7	0.0	0.7	1.4	2.1	2.8
157.5°	3.9	3.3	2.6	2.0	1.3	0.7	0.0	0.7	1.3	2.0	2.6
160°	3.5	2.9	2.3	1.7	1.2	0.6	0.0	0.6	1.2	1.7	2.3
162.5°	3.2	2.7	2.1	1.6	1.1	0.5	0.0	0.5	1.1	1.6	2.1
165°	2.8	2.3	1.8	1.4	0.9	0.5	0.0	0.5	0.9	1.4	1.8
167.5°	2.4	2.0	1.6	1.2	0.8	0.4	0.0	0.4	0.8	1.2	1.6
170°	1.9	1.6	1.3	1.0	0.6	0.3	0.0	0.3	0.6	1.0	1.3
172.5°	1.4	1.2	1.0	0.7	0.5	0.2	0.0	0.2	0.5	0.7	1.0
175°	1.0	0.8	0.7	0.5	0.3	0.2	0.0	0.2	0.3	0.5	0.7
177.5°	0.5	0.4	0.4	0.3	0.2	0.1	0.0	0.1	0.2	0.3	0.4
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: P231880

CATALOG NUMBER: FVS4WM-2-LD4-30-1HI-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	0.4	0.5	0.6	0.7	0.8	0.9	1.0	1.0	1.1	1.2	1.3
5°	0.8	1.0	1.2	1.3	1.5	1.6	1.8	2.0	2.1	2.3	2.4
7.5°	1.2	1.4	1.7	1.9	2.1	2.4	2.6	2.8	3.0	3.2	3.5
10°	1.6	1.9	2.2	2.5	2.8	3.1	3.4	3.7	3.9	4.2	4.5
12.5°	2.0	2.4	2.8	3.2	3.5	3.9	4.3	4.6	5.0	5.3	5.6
15°	2.3	2.8	3.2	3.7	4.1	4.6	5.0	5.5	6.0	6.4	6.8
17.5°	2.7	3.2	3.7	4.2	4.7	5.2	5.7	6.1	6.6	7.2	7.7
20°	2.9	3.5	4.1	4.7	5.3	5.9	6.5	7.1	7.6	8.1	8.6
22.5°	3.3	3.9	4.5	5.2	5.8	6.4	7.0	7.6	8.3	9.0	9.6
25°	3.5	4.2	4.9	5.7	6.4	7.1	7.8	8.4	9.0	9.6	10.3
27.5°	3.9	4.6	5.3	6.1	6.8	7.5	8.3	9.1	9.9	10.6	11.3
30°	4.3	5.1	5.9	6.7	7.5	8.2	9.0	9.7	10.4	11.2	12.1
32.5°	4.7	5.6	6.5	7.4	8.2	9.0	9.8	10.6	11.3	12.0	12.7
35°	5.2	6.2	7.1	8.1	9.0	9.9	10.8	11.6	12.4	13.1	14.0
37.5°	5.7	6.7	7.8	8.8	9.8	10.8	11.7	12.6	13.4	14.4	15.5
40°	5.9	7.2	8.4	9.6	10.7	11.7	12.7	13.6	14.6	15.6	16.7
42.5°	6.2	7.4	8.6	9.9	11.2	12.6	13.7	14.5	15.4	16.5	17.8
45°	6.5	7.9	9.3	10.5	11.6	12.7	13.8	14.9	16.0	17.1	18.4
47.5°	6.6	8.0	9.4	10.9	12.4	13.1	13.8	14.8	16.0	17.3	18.7
50°	6.8	8.1	9.5	11.0	11.9	12.9	14.0	14.9	15.9	17.2	18.7
52.5°	7.2	8.8	10.1	10.9	11.6	12.5	13.5	14.7	15.9	17.1	18.6
55°	7.2	8.7	10.2	11.1	11.7	12.4	13.3	14.3	15.6	17.0	18.5
57.5°	7.1	8.7	9.7	10.6	11.6	12.5	13.2	14.2	15.2	16.7	18.3
60°	7.0	8.3	9.3	10.3	11.3	12.3	13.3	14.2	15.2	16.3	19.0
62.5°	6.7	7.8	8.9	9.9	11.0	12.1	13.1	14.1	15.6	17.8	20.5
65°	6.3	7.4	8.6	9.7	10.8	11.9	13.0	14.8	16.9	19.2	22.0
67.5°	5.7	7.0	8.4	9.6	10.7	11.9	13.7	15.6	17.9	20.5	23.2
70°	5.0	6.4	7.9	9.5	10.8	12.3	14.2	16.3	18.7	21.6	24.5
72.5°	4.4	5.6	7.2	9.1	10.9	12.5	14.5	16.9	19.4	22.4	25.8
75°	3.9	5.2	6.4	8.4	10.7	12.6	14.7	17.3	20.1	23.1	27.1
77.5°	2.9	4.5	5.9	7.7	10.2	12.8	14.7	17.6	20.7	23.8	27.6
80°	2.1	3.3	5.5	7.1	9.8	12.7	15.0	17.7	20.9	24.2	27.9
82.5°	1.1	2.4	4.6	6.8	9.3	12.2	15.0	17.8	21.2	24.6	28.5
85°	0.4	1.6	3.7	6.3	8.8	12.1	15.0	18.0	21.6	25.2	29.3
87.5°	0.1	1.2	3.1	6.0	8.6	12.1	15.1	18.5	22.2	25.9	30.4
90°	0.0	1.0	2.9	5.8	8.7	12.5	15.4	19.2	23.1	26.9	31.7
92.5°	0.1	1.2	3.1	6.0	8.6	12.1	15.1	18.5	22.2	25.9	30.4
95°	0.4	1.6	3.7	6.3	8.8	12.1	15.0	18.0	21.6	25.2	29.3
97.5°	1.1	2.4	4.6	6.8	9.3	12.2	15.0	17.8	21.2	24.6	28.5
100°	2.1	3.3	5.5	7.1	9.8	12.7	15.0	17.7	20.9	24.2	27.9
102.5°	2.9	4.5	5.9	7.7	10.2	12.8	14.7	17.6	20.7	23.8	27.6
105°	3.9	5.2	6.4	8.4	10.7	12.6	14.7	17.3	20.1	23.1	27.1
107.5°	4.4	5.6	7.2	9.1	10.9	12.5	14.5	16.9	19.4	22.4	25.8
110°	5.0	6.4	7.9	9.5	10.8	12.3	14.2	16.3	18.7	21.6	24.5



TEST NUMBER: P231880

CATALOG NUMBER: FVS4WM-2-LD4-30-1HI-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
112.5°	5.7	7.0	8.4	9.6	10.7	11.9	13.7	15.6	17.9	20.5	23.2
115°	6.3	7.4	8.6	9.7	10.8	11.9	13.0	14.8	16.9	19.2	22.0
117.5°	6.7	7.8	8.9	9.9	11.0	12.1	13.1	14.1	15.6	17.8	20.5
120°	7.0	8.3	9.3	10.3	11.3	12.3	13.3	14.2	15.2	16.3	19.0
122.5°	7.1	8.7	9.7	10.6	11.6	12.5	13.2	14.2	15.2	16.7	18.3
125°	7.2	8.7	10.2	11.1	11.7	12.4	13.3	14.3	15.6	17.0	18.5
127.5°	7.2	8.8	10.1	10.9	11.6	12.5	13.5	14.7	15.9	17.1	18.6
130°	6.8	8.1	9.5	11.0	11.9	12.9	14.0	14.9	15.9	17.2	18.7
132.5°	6.6	8.0	9.4	10.9	12.4	13.1	13.8	14.8	16.0	17.3	18.7
135°	6.5	7.9	9.3	10.5	11.6	12.7	13.8	14.9	16.0	17.1	18.4
137.5°	6.2	7.4	8.6	9.9	11.2	12.6	13.7	14.5	15.4	16.5	17.8
140°	5.9	7.2	8.4	9.6	10.7	11.7	12.7	13.6	14.6	15.6	16.7
142.5°	5.7	6.7	7.8	8.8	9.8	10.8	11.7	12.6	13.4	14.4	15.5
145°	5.2	6.2	7.1	8.1	9.0	9.9	10.8	11.6	12.4	13.1	14.0
147.5°	4.7	5.6	6.5	7.4	8.2	9.0	9.8	10.6	11.3	12.0	12.7
150°	4.3	5.1	5.9	6.7	7.5	8.2	9.0	9.7	10.4	11.2	12.1
152.5°	3.9	4.6	5.3	6.1	6.8	7.5	8.3	9.1	9.9	10.6	11.3
155°	3.5	4.2	4.9	5.7	6.4	7.1	7.8	8.4	9.0	9.6	10.3
157.5°	3.3	3.9	4.5	5.2	5.8	6.4	7.0	7.6	8.3	9.0	9.6
160°	2.9	3.5	4.1	4.7	5.3	5.9	6.5	7.1	7.6	8.1	8.6
162.5°	2.7	3.2	3.7	4.2	4.7	5.2	5.7	6.1	6.6	7.2	7.7
165°	2.3	2.8	3.2	3.7	4.1	4.6	5.0	5.5	6.0	6.4	6.8
167.5°	2.0	2.4	2.8	3.2	3.5	3.9	4.3	4.6	5.0	5.3	5.6
170°	1.6	1.9	2.2	2.5	2.8	3.1	3.4	3.7	3.9	4.2	4.5
172.5°	1.2	1.4	1.7	1.9	2.1	2.4	2.6	2.8	3.0	3.2	3.5
175°	0.8	1.0	1.2	1.3	1.5	1.6	1.8	2.0	2.1	2.3	2.4
177.5°	0.4	0.5	0.6	0.7	0.8	0.9	1.0	1.0	1.1	1.2	1.3
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P231880

CATALOG NUMBER: FVS4WM-2-LD4-30-1HI-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	1.3	1.4	1.5	1.6	1.6	1.7	1.7	1.8	1.9	1.9	2.0
5°	2.5	2.7	2.8	2.9	3.1	3.2	3.3	3.4	3.5	3.6	3.7
7.5°	3.7	3.9	4.1	4.3	4.4	4.6	4.8	5.0	5.1	5.3	5.5
10°	4.7	5.0	5.2	5.5	5.7	6.0	6.2	6.5	6.7	6.9	7.1
12.5°	5.9	6.2	6.5	6.8	7.0	7.3	7.6	7.9	8.1	8.4	8.7
15°	7.1	7.5	7.8	8.1	8.5	8.7	9.0	9.3	9.5	9.9	10.2
17.5°	8.2	8.7	9.2	9.5	9.9	10.2	10.6	10.9	11.1	11.4	11.7
20°	9.0	9.6	10.1	10.7	11.3	11.7	12.1	12.4	12.8	13.0	13.3
22.5°	10.2	10.7	11.2	11.6	12.3	12.9	13.6	14.0	14.4	14.7	15.0
25°	11.0	11.8	12.5	13.0	13.5	13.9	14.7	15.4	16.0	16.4	17.3
27.5°	11.8	12.4	13.3	14.1	14.9	15.4	16.4	17.8	19.5	21.0	22.3
30°	13.0	13.6	14.2	15.2	16.8	18.4	19.8	21.3	22.9	24.9	26.9
32.5°	13.6	14.9	16.4	17.6	18.9	20.6	22.6	24.4	26.2	28.3	30.7
35°	15.1	16.3	17.9	19.6	21.1	22.6	24.6	27.0	29.2	31.4	34.1
37.5°	16.6	17.9	19.2	20.9	22.8	24.7	26.5	28.9	31.7	34.4	37.1
40°	17.9	19.2	20.7	22.2	24.1	26.3	28.5	30.6	33.7	36.9	40.1
42.5°	19.0	20.3	21.9	23.6	25.4	27.5	30.1	32.6	35.3	39.0	42.8
45°	19.9	21.3	22.7	24.6	26.6	28.7	31.3	34.2	37.1	40.8	45.1
47.5°	20.3	22.1	23.8	25.4	27.6	30.0	32.5	35.6	38.9	42.3	47.1
50°	20.4	22.4	24.5	26.4	28.4	31.0	33.7	36.9	41.0	44.6	48.6
52.5°	20.2	22.4	24.7	27.2	29.3	32.8	36.7	40.5	44.4	47.7	50.6
55°	20.2	22.1	24.9	28.8	32.7	36.2	40.2	44.3	48.1	51.4	53.5
57.5°	20.3	23.4	27.1	31.3	35.7	39.7	43.8	48.1	52.3	55.4	57.1
60°	22.1	25.5	29.2	33.6	38.3	43.0	47.4	51.9	56.3	59.6	61.2
62.5°	23.6	27.3	31.4	35.8	40.7	46.1	50.9	55.7	60.4	64.1	65.7
65°	25.2	28.9	33.3	38.0	43.1	48.8	54.3	59.5	64.4	68.9	70.6
67.5°	26.8	30.4	35.1	40.2	45.5	51.4	57.7	63.3	68.5	73.6	75.2
70°	28.1	32.2	36.7	42.2	48.0	54.0	60.9	67.1	72.6	77.5	78.8
72.5°	29.3	33.9	38.2	44.2	50.4	56.1	62.7	68.6	73.2	76.9	78.2
75°	30.4	35.2	39.4	44.9	50.9	56.9	63.5	69.5	73.8	76.8	77.7
77.5°	31.1	35.6	40.2	45.3	51.6	57.9	64.4	70.7	74.7	77.0	77.4
80°	31.8	36.1	41.0	46.0	52.4	59.0	65.5	72.1	75.8	77.5	77.1
82.5°	32.5	36.8	42.1	46.9	53.4	60.3	66.9	73.8	77.1	78.2	76.8
85°	33.4	37.8	43.3	48.0	54.6	61.8	68.4	75.7	78.6	79.0	76.6
87.5°	34.4	39.0	44.6	49.4	56.0	63.5	70.1	77.7	80.2	79.9	76.3
90°	35.6	40.4	46.2	51.0	57.7	65.4	72.1	79.8	81.8	80.8	76.0
92.5°	34.4	39.0	44.6	49.4	56.0	63.5	70.1	77.7	80.2	79.9	76.3
95°	33.4	37.8	43.3	48.0	54.6	61.8	68.4	75.7	78.6	79.0	76.6
97.5°	32.5	36.8	42.1	46.9	53.4	60.3	66.9	73.8	77.1	78.2	76.8
100°	31.8	36.1	41.0	46.0	52.4	59.0	65.5	72.1	75.8	77.5	77.1
102.5°	31.1	35.6	40.2	45.3	51.6	57.9	64.4	70.7	74.7	77.0	77.4
105°	30.4	35.2	39.4	44.9	50.9	56.9	63.5	69.5	73.8	76.8	77.7
107.5°	29.3	33.9	38.2	44.2	50.4	56.1	62.7	68.6	73.2	76.9	78.2
110°	28.1	32.2	36.7	42.2	48.0	54.0	60.9	67.1	72.6	77.5	78.8



TEST NUMBER: P231880

CATALOG NUMBER: FVS4WM-2-LD4-30-1HI-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
112.5°	26.8	30.4	35.1	40.2	45.5	51.4	57.7	63.3	68.5	73.6	75.2
115°	25.2	28.9	33.3	38.0	43.1	48.8	54.3	59.5	64.4	68.9	70.6
117.5°	23.6	27.3	31.4	35.8	40.7	46.1	50.9	55.7	60.4	64.1	65.7
120°	22.1	25.5	29.2	33.6	38.3	43.0	47.4	51.9	56.3	59.6	61.2
122.5°	20.3	23.4	27.1	31.3	35.7	39.7	43.8	48.1	52.3	55.4	57.1
125°	20.2	22.1	24.9	28.8	32.7	36.2	40.2	44.3	48.1	51.4	53.5
127.5°	20.2	22.4	24.7	27.2	29.3	32.8	36.7	40.5	44.4	47.7	50.6
130°	20.4	22.4	24.5	26.4	28.4	31.0	33.7	36.9	41.0	44.6	48.6
132.5°	20.3	22.1	23.8	25.4	27.6	30.0	32.5	35.6	38.9	42.3	47.1
135°	19.9	21.3	22.7	24.6	26.6	28.7	31.3	34.2	37.1	40.8	45.1
137.5°	19.0	20.3	21.9	23.6	25.4	27.5	30.1	32.6	35.3	39.0	42.8
140°	17.9	19.2	20.7	22.2	24.1	26.3	28.5	30.6	33.7	36.9	40.1
142.5°	16.6	17.9	19.2	20.9	22.8	24.7	26.5	28.9	31.7	34.4	37.1
145°	15.1	16.3	17.9	19.6	21.1	22.6	24.6	27.0	29.2	31.4	34.1
147.5°	13.6	14.9	16.4	17.6	18.9	20.6	22.6	24.4	26.2	28.3	30.7
150°	13.0	13.6	14.2	15.2	16.8	18.4	19.8	21.3	22.9	24.9	26.9
152.5°	11.8	12.4	13.3	14.1	14.9	15.4	16.4	17.8	19.5	21.0	22.3
155°	11.0	11.8	12.5	13.0	13.5	13.9	14.7	15.4	16.0	16.4	17.3
157.5°	10.2	10.7	11.2	11.6	12.3	12.9	13.6	14.0	14.4	14.7	15.0
160°	9.0	9.6	10.1	10.7	11.3	11.7	12.1	12.4	12.8	13.0	13.3
162.5°	8.2	8.7	9.2	9.5	9.9	10.2	10.6	10.9	11.1	11.4	11.7
165°	7.1	7.5	7.8	8.1	8.5	8.7	9.0	9.3	9.5	9.9	10.2
167.5°	5.9	6.2	6.5	6.8	7.0	7.3	7.6	7.9	8.1	8.4	8.7
170°	4.7	5.0	5.2	5.5	5.7	6.0	6.2	6.5	6.7	6.9	7.1
172.5°	3.7	3.9	4.1	4.3	4.4	4.6	4.8	5.0	5.1	5.3	5.5
175°	2.5	2.7	2.8	2.9	3.1	3.2	3.3	3.4	3.5	3.6	3.7
177.5°	1.3	1.4	1.5	1.6	1.6	1.7	1.7	1.8	1.9	1.9	2.0
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: P231880

CATALOG NUMBER: FVS4WM-2-LD4-30-1HI-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	2.0	2.0	2.1	2.1	2.1	2.2	2.2	2.2	2.2	2.2	2.6
5°	3.9	3.9	4.0	4.1	4.2	4.3	4.3	4.4	4.4	4.5	5.1
7.5°	5.6	5.7	5.9	6.0	6.2	6.3	6.4	6.5	6.6	6.7	7.6
10°	7.3	7.5	7.7	7.9	8.1	8.3	8.5	8.7	8.8	9.0	10.2
12.5°	9.0	9.2	9.4	9.7	9.9	10.2	10.5	10.7	11.0	11.2	12.6
15°	10.5	10.9	11.2	11.5	11.7	12.0	12.4	12.8	13.1	13.5	15.1
17.5°	12.1	12.5	12.8	13.2	13.5	13.9	14.3	14.8	15.3	15.7	17.6
20°	13.5	14.0	14.4	14.9	15.3	15.7	16.1	16.7	17.4	18.0	20.0
22.5°	15.3	15.5	16.0	16.5	17.0	17.5	18.0	18.7	19.5	20.2	22.4
25°	18.3	19.3	20.3	21.3	22.2	23.0	23.6	24.3	25.1	25.9	28.2
27.5°	23.7	25.0	26.2	27.3	28.3	29.1	29.6	30.1	30.9	31.5	34.0
30°	28.6	30.3	31.9	33.5	34.4	35.3	35.7	36.0	36.7	37.2	39.7
32.5°	33.0	35.2	37.3	39.3	40.6	41.5	41.9	42.0	42.5	42.9	45.4
35°	37.0	39.7	42.4	44.8	46.9	47.7	48.1	48.0	48.3	48.5	51.2
37.5°	40.5	43.9	47.1	50.2	53.2	54.0	54.4	54.1	54.1	54.2	56.9
40°	43.7	47.6	51.5	55.2	58.7	60.3	60.8	60.3	60.0	59.9	62.5
42.5°	46.5	51.1	55.6	60.3	64.1	66.6	67.2	66.4	65.9	65.5	68.2
45°	49.4	54.2	59.4	64.6	69.4	73.0	73.5	72.7	71.8	71.2	73.8
47.5°	51.8	56.4	61.5	66.5	71.2	75.4	76.2	76.4	76.7	77.7	82.3
50°	52.7	56.8	61.8	66.8	71.6	76.5	78.4	79.7	81.4	84.2	91.0
52.5°	54.0	57.7	62.3	67.3	72.1	77.2	80.4	82.9	86.1	90.7	99.8
55°	56.0	59.0	62.9	68.0	72.6	78.0	82.2	86.0	90.6	97.2	108.7
57.5°	58.6	60.6	63.7	68.8	73.3	78.8	83.9	88.8	95.1	103.8	117.7
60°	61.7	62.5	64.9	69.6	74.1	79.6	85.5	91.6	99.4	110.3	126.9
62.5°	65.2	64.9	66.4	70.6	75.0	80.4	86.9	94.2	103.7	116.8	136.1
65°	69.3	67.9	68.3	71.7	76.1	81.2	88.3	96.7	107.9	123.3	145.3
67.5°	73.6	71.1	70.4	72.9	77.2	82.0	89.6	99.1	112.0	129.8	154.7
70°	76.4	72.9	71.2	72.9	77.0	81.5	88.8	98.3	111.2	129.4	154.4
72.5°	76.2	73.0	71.1	72.4	76.4	80.9	87.8	97.5	110.4	129.0	154.1
75°	75.9	72.8	71.0	72.0	75.8	80.4	86.9	96.7	109.7	128.5	154.5
77.5°	75.5	72.6	70.9	71.7	75.3	80.0	86.1	96.0	108.9	128.1	153.8
80°	75.0	72.2	70.7	71.5	74.8	79.6	85.3	95.4	108.2	127.7	153.0
82.5°	74.3	71.8	70.6	71.4	74.3	79.4	84.6	94.8	107.6	127.3	152.3
85°	73.6	71.3	70.5	71.3	73.9	79.2	83.9	94.2	106.9	126.8	151.5
87.5°	72.9	70.8	70.3	71.2	73.5	79.0	83.3	93.7	106.4	126.4	150.8
90°	72.1	70.2	70.2	71.2	73.1	78.9	82.7	93.3	105.8	126.0	150.0
92.5°	72.9	70.8	70.3	71.2	73.5	79.0	83.3	93.7	106.4	126.4	150.8
95°	73.6	71.3	70.5	71.3	73.9	79.2	83.9	94.2	106.9	126.8	151.5
97.5°	74.3	71.8	70.6	71.4	74.3	79.4	84.6	94.8	107.6	127.3	152.3
100°	75.0	72.2	70.7	71.5	74.8	79.6	85.3	95.4	108.2	127.7	153.0
102.5°	75.5	72.6	70.9	71.7	75.3	80.0	86.1	96.0	108.9	128.1	153.8
105°	75.9	72.8	71.0	72.0	75.8	80.4	86.9	96.7	109.7	128.5	154.5
107.5°	76.2	73.0	71.1	72.4	76.4	80.9	87.8	97.5	110.4	129.0	154.1
110°	76.4	72.9	71.2	72.9	77.0	81.5	88.8	98.3	111.2	129.4	154.4



TEST NUMBER: P231880

CATALOG NUMBER: FVS4WM-2-LD4-30-1HI-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
112.5°	73.6	71.1	70.4	72.9	77.2	82.0	89.6	99.1	112.0	129.8	154.7
115°	69.3	67.9	68.3	71.7	76.1	81.2	88.3	96.7	107.9	123.3	145.3
117.5°	65.2	64.9	66.4	70.6	75.0	80.4	86.9	94.2	103.7	116.8	136.1
120°	61.7	62.5	64.9	69.6	74.1	79.6	85.5	91.6	99.4	110.3	126.9
122.5°	58.6	60.6	63.7	68.8	73.3	78.8	83.9	88.8	95.1	103.8	117.7
125°	56.0	59.0	62.9	68.0	72.6	78.0	82.2	86.0	90.6	97.2	108.7
127.5°	54.0	57.7	62.3	67.3	72.1	77.2	80.4	82.9	86.1	90.7	99.8
130°	52.7	56.8	61.8	66.8	71.6	76.5	78.4	79.7	81.4	84.2	91.0
132.5°	51.8	56.4	61.5	66.5	71.2	75.4	76.2	76.4	76.7	77.7	82.3
135°	49.4	54.2	59.4	64.6	69.4	73.0	73.5	72.7	71.8	71.2	73.8
137.5°	46.5	51.1	55.6	60.3	64.1	66.6	67.2	66.4	65.9	65.5	68.2
140°	43.7	47.6	51.5	55.2	58.7	60.3	60.8	60.3	60.0	59.9	62.5
142.5°	40.5	43.9	47.1	50.2	53.2	54.0	54.4	54.1	54.1	54.2	56.9
145°	37.0	39.7	42.4	44.8	46.9	47.7	48.1	48.0	48.3	48.5	51.2
147.5°	33.0	35.2	37.3	39.3	40.6	41.5	41.9	42.0	42.5	42.9	45.4
150°	28.6	30.3	31.9	33.5	34.4	35.3	35.7	36.0	36.7	37.2	39.7
152.5°	23.7	25.0	26.2	27.3	28.3	29.1	29.6	30.1	30.9	31.5	34.0
155°	18.3	19.3	20.3	21.3	22.2	23.0	23.6	24.3	25.1	25.9	28.2
157.5°	15.3	15.5	16.0	16.5	17.0	17.5	18.0	18.7	19.5	20.2	22.4
160°	13.5	14.0	14.4	14.9	15.3	15.7	16.1	16.7	17.4	18.0	20.0
162.5°	12.1	12.5	12.8	13.2	13.5	13.9	14.3	14.8	15.3	15.7	17.6
165°	10.5	10.9	11.2	11.5	11.7	12.0	12.4	12.8	13.1	13.5	15.1
167.5°	9.0	9.2	9.4	9.7	9.9	10.2	10.5	10.7	11.0	11.2	12.6
170°	7.3	7.5	7.7	7.9	8.1	8.3	8.5	8.7	8.8	9.0	10.2
172.5°	5.6	5.7	5.9	6.0	6.2	6.3	6.4	6.5	6.6	6.7	7.6
175°	3.9	3.9	4.0	4.1	4.2	4.3	4.3	4.4	4.4	4.5	5.1
177.5°	2.0	2.0	2.1	2.1	2.1	2.2	2.2	2.2	2.2	2.2	2.6
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: P231880

CATALOG NUMBER: FVS4WM-2-LD4-30-1HI-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	2.9	3.2	3.5	3.8	4.1	4.4	4.7	4.9	5.2	5.5	5.7
5°	5.7	6.3	6.9	7.5	8.1	8.7	9.2	9.7	10.2	10.7	11.2
7.5°	8.6	9.4	10.3	11.2	12.0	12.8	13.7	14.8	15.8	16.8	17.8
10°	11.3	12.5	13.6	14.7	15.8	17.3	18.7	20.2	21.5	22.9	24.2
12.5°	14.1	15.4	16.8	18.3	20.1	21.9	23.6	25.3	26.8	28.0	29.2
15°	16.7	18.3	20.0	22.1	24.2	26.2	28.2	29.9	31.5	33.0	34.6
17.5°	19.4	21.2	23.4	25.8	28.1	30.3	32.4	34.4	36.4	38.4	40.5
20°	22.0	24.0	26.7	29.3	31.8	34.4	36.8	39.2	41.8	44.4	46.8
22.5°	24.6	27.0	29.8	32.6	35.6	38.5	41.4	44.5	47.6	50.4	52.9
25°	30.4	33.0	35.8	38.6	41.6	44.6	47.7	50.8	53.7	56.2	59.0
27.5°	36.3	39.2	42.1	45.3	48.6	51.9	55.3	58.5	61.4	64.2	67.0
30°	42.1	45.2	48.3	51.9	55.7	59.1	62.6	65.9	69.0	72.0	75.0
32.5°	48.0	51.2	54.5	58.4	62.3	66.1	69.7	73.2	76.4	79.5	81.7
35°	53.9	57.1	60.8	64.9	68.9	73.1	76.7	80.3	83.4	86.1	87.5
37.5°	59.7	62.9	67.0	71.3	75.4	79.5	83.5	86.9	90.2	91.5	92.8
40°	65.4	68.6	73.1	77.6	81.8	86.0	90.1	93.1	95.4	96.8	96.9
42.5°	71.1	74.4	79.2	83.7	87.9	92.5	96.1	99.1	100.4	101.1	100.8
45°	76.8	80.2	85.2	89.7	94.1	98.8	101.8	104.0	105.3	104.8	105.1
47.5°	87.1	92.3	98.5	102.7	106.2	109.0	109.9	109.6	109.1	108.4	109.4
50°	97.9	105.4	113.6	118.5	122.0	123.9	124.1	123.0	120.3	117.8	116.5
52.5°	109.0	118.9	128.7	134.5	137.6	138.4	137.7	136.0	132.3	130.0	129.1
55°	120.2	132.8	143.9	150.3	153.0	152.5	151.0	148.2	144.3	141.7	141.7
57.5°	131.7	146.9	159.3	165.8	167.9	166.4	164.1	160.3	156.2	153.8	154.3
60°	143.4	161.3	174.8	181.2	182.2	179.9	176.9	172.2	167.8	166.2	167.2
62.5°	155.2	176.0	190.4	196.3	196.3	193.2	189.5	183.9	179.0	178.5	179.9
65°	167.2	190.8	206.0	211.4	210.2	206.3	201.7	195.6	190.0	190.8	192.5
67.5°	179.2	205.7	221.7	226.3	223.9	219.2	213.7	207.1	202.2	203.1	204.9
70°	179.5	207.2	225.0	231.8	231.1	227.5	222.6	216.8	213.5	215.1	218.4
72.5°	179.4	207.5	226.6	235.3	236.2	233.0	228.6	223.8	221.7	223.4	228.3
75°	179.1	207.6	228.3	239.2	241.6	238.6	235.0	231.2	229.7	231.7	237.5
77.5°	178.7	207.6	230.0	243.3	247.3	244.2	241.6	238.9	237.5	240.0	246.2
80°	178.9	207.4	231.8	247.6	253.1	249.9	248.5	246.8	245.1	248.3	254.6
82.5°	178.0	207.8	234.4	251.9	259.0	255.6	255.5	254.9	252.7	256.6	262.7
85°	177.0	206.8	235.4	256.6	265.3	261.3	262.7	263.2	260.1	264.8	270.6
87.5°	176.1	205.9	236.5	260.6	271.1	267.3	269.8	271.6	267.5	272.9	278.3
90°	175.1	204.9	237.6	264.5	277.0	273.2	277.0	279.9	275.1	280.9	285.7
92.5°	176.1	205.9	236.5	260.6	271.1	267.3	269.8	271.6	267.5	272.9	278.3
95°	177.0	206.8	235.4	256.6	265.3	261.3	262.7	263.2	260.1	264.8	270.6
97.5°	178.0	207.8	234.4	251.9	259.0	255.6	255.5	254.9	252.7	256.6	262.7
100°	178.9	207.4	231.8	247.6	253.1	249.9	248.5	246.8	245.1	248.3	254.6
102.5°	178.7	207.6	230.0	243.3	247.3	244.2	241.6	238.9	237.5	240.0	246.2
105°	179.1	207.6	228.3	239.2	241.6	238.6	235.0	231.2	229.7	231.7	237.5
107.5°	179.4	207.5	226.6	235.3	236.2	233.0	228.6	223.8	221.7	223.4	228.3
110°	179.5	207.2	225.0	231.8	231.1	227.5	222.6	216.8	213.5	215.1	218.4



TEST NUMBER: P231880

CATALOG NUMBER: FVS4WM-2-LD4-30-1HI-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
112.5°	179.2	205.7	221.7	226.3	223.9	219.2	213.7	207.1	202.2	203.1	204.9
115°	167.2	190.8	206.0	211.4	210.2	206.3	201.7	195.6	190.0	190.8	192.5
117.5°	155.2	176.0	190.4	196.3	196.3	193.2	189.5	183.9	179.0	178.5	179.9
120°	143.4	161.3	174.8	181.2	182.2	179.9	176.9	172.2	167.8	166.2	167.2
122.5°	131.7	146.9	159.3	165.8	167.9	166.4	164.1	160.3	156.2	153.8	154.3
125°	120.2	132.8	143.9	150.3	153.0	152.5	151.0	148.2	144.3	141.7	141.7
127.5°	109.0	118.9	128.7	134.5	137.6	138.4	137.7	136.0	132.3	130.0	129.1
130°	97.9	105.4	113.6	118.5	122.0	123.9	124.1	123.0	120.3	117.8	116.5
132.5°	87.1	92.3	98.5	102.7	106.2	109.0	109.9	109.6	109.1	108.4	109.4
135°	76.8	80.2	85.2	89.7	94.1	98.8	101.8	104.0	105.3	104.8	105.1
137.5°	71.1	74.4	79.2	83.7	87.9	92.5	96.1	99.1	100.4	101.1	100.8
140°	65.4	68.6	73.1	77.6	81.8	86.0	90.1	93.1	95.4	96.8	96.9
142.5°	59.7	62.9	67.0	71.3	75.4	79.5	83.5	86.9	90.2	91.5	92.8
145°	53.9	57.1	60.8	64.9	68.9	73.1	76.7	80.3	83.4	86.1	87.5
147.5°	48.0	51.2	54.5	58.4	62.3	66.1	69.7	73.2	76.4	79.5	81.7
150°	42.1	45.2	48.3	51.9	55.7	59.1	62.6	65.9	69.0	72.0	75.0
152.5°	36.3	39.2	42.1	45.3	48.6	51.9	55.3	58.5	61.4	64.2	67.0
155°	30.4	33.0	35.8	38.6	41.6	44.6	47.7	50.8	53.7	56.2	59.0
157.5°	24.6	27.0	29.8	32.6	35.6	38.5	41.4	44.5	47.6	50.4	52.9
160°	22.0	24.0	26.7	29.3	31.8	34.4	36.8	39.2	41.8	44.4	46.8
162.5°	19.4	21.2	23.4	25.8	28.1	30.3	32.4	34.4	36.4	38.4	40.5
165°	16.7	18.3	20.0	22.1	24.2	26.2	28.2	29.9	31.5	33.0	34.6
167.5°	14.1	15.4	16.8	18.3	20.1	21.9	23.6	25.3	26.8	28.0	29.2
170°	11.3	12.5	13.6	14.7	15.8	17.3	18.7	20.2	21.5	22.9	24.2
172.5°	8.6	9.4	10.3	11.2	12.0	12.8	13.7	14.8	15.8	16.8	17.8
175°	5.7	6.3	6.9	7.5	8.1	8.7	9.2	9.7	10.2	10.7	11.2
177.5°	2.9	3.2	3.5	3.8	4.1	4.4	4.7	4.9	5.2	5.5	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: P231880

CATALOG NUMBER: FVS4WM-2-LD4-30-1HI-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	5.9	6.2	6.4	6.6	6.8	6.9	7.1	7.2	7.4	7.5	7.6
5°	11.9	12.5	13.1	13.7	14.2	14.8	15.3	15.7	16.2	16.6	16.9
7.5°	18.8	19.7	20.6	21.5	22.2	22.7	23.1	23.5	23.8	24.1	24.4
10°	25.0	25.9	26.6	27.3	28.0	28.6	29.1	29.7	30.4	30.9	31.4
12.5°	30.3	31.3	32.4	33.5	34.6	35.7	36.6	37.5	38.2	38.8	39.2
15°	36.1	37.7	39.2	40.6	41.9	42.9	43.8	44.5	45.2	45.8	46.2
17.5°	42.6	44.7	46.0	47.3	48.6	49.7	50.8	51.8	52.6	53.3	53.9
20°	48.9	50.8	52.5	54.2	55.8	57.2	58.5	59.6	60.3	61.0	61.6
22.5°	55.2	57.4	59.6	61.7	63.6	64.7	65.7	66.6	67.6	68.7	69.9
25°	61.9	64.7	67.6	68.7	70.0	71.2	72.2	73.4	74.7	76.0	77.4
27.5°	69.8	72.0	73.2	74.6	75.6	76.6	77.9	79.1	80.6	82.1	83.8
30°	77.1	78.4	79.5	79.8	80.2	81.0	82.5	84.0	86.0	88.0	90.2
32.5°	83.1	84.1	84.4	84.8	85.7	86.5	87.5	88.8	91.4	95.2	99.1
35°	88.5	88.7	89.2	90.2	91.2	92.6	93.8	96.9	99.8	104.4	110.4
37.5°	92.8	93.3	94.3	95.6	97.2	99.5	102.9	106.8	112.1	117.7	124.3
40°	97.0	98.2	99.6	101.4	104.2	107.9	113.3	119.4	126.9	135.3	144.0
42.5°	101.7	103.1	105.1	108.1	112.1	118.3	125.2	134.8	145.0	156.1	167.6
45°	106.3	108.3	111.1	115.3	122.0	129.5	140.5	151.8	165.2	178.8	193.5
47.5°	111.2	113.5	117.9	124.2	132.4	144.1	156.8	171.4	187.1	203.5	221.1
50°	116.6	119.8	125.0	133.9	145.6	159.0	174.8	192.0	210.8	230.1	250.3
52.5°	129.5	131.4	136.8	145.0	159.5	175.4	193.5	213.7	235.0	257.8	282.2
55°	143.0	146.3	153.5	163.6	176.7	192.3	212.4	235.7	260.2	286.4	315.0
57.5°	156.2	161.9	170.4	181.6	196.0	214.1	234.9	258.3	285.7	316.1	347.0
60°	169.7	177.0	186.7	199.4	215.4	234.7	258.0	283.9	312.9	344.7	375.4
62.5°	184.4	192.3	202.2	215.6	233.6	255.3	280.1	307.6	339.0	369.5	402.9
65°	198.7	206.9	217.4	231.9	250.8	273.9	300.5	329.9	360.3	392.1	428.9
67.5°	212.5	220.4	231.4	247.3	267.6	291.8	318.9	348.5	378.0	413.5	456.8
70°	226.0	233.3	244.2	261.3	282.7	307.9	334.9	363.3	394.6	432.7	481.9
72.5°	236.4	245.0	257.0	274.5	296.3	323.0	347.9	375.2	408.8	451.0	503.9
75°	245.6	255.2	267.9	284.7	306.3	331.6	357.4	385.1	419.8	464.6	523.5
77.5°	254.7	265.0	277.4	292.9	313.5	337.6	362.7	392.4	430.7	479.2	538.7
80°	263.6	274.5	285.8	299.4	319.1	341.8	366.2	397.7	439.8	494.3	555.1
82.5°	272.4	283.6	293.2	304.5	323.0	344.6	367.9	401.1	446.8	505.8	567.9
85°	280.9	292.3	299.8	308.5	325.7	345.9	368.1	402.7	451.5	513.6	576.8
87.5°	289.4	300.9	305.9	311.8	327.6	346.5	367.3	403.3	455.1	519.5	583.7
90°	297.2	308.7	311.6	314.5	328.0	345.3	364.5	400.1	453.0	517.5	581.9
92.5°	289.4	300.9	305.9	311.8	327.6	346.5	367.3	403.3	455.1	519.5	583.7
95°	280.9	292.3	299.8	308.5	325.7	345.9	368.1	402.7	451.5	513.6	576.8
97.5°	272.4	283.6	293.2	304.5	323.0	344.6	367.9	401.1	446.8	505.8	567.9
100°	263.6	274.5	285.8	299.4	319.1	341.8	366.2	397.7	439.8	494.3	555.1
102.5°	254.7	265.0	277.4	292.9	313.5	337.6	362.7	392.4	430.7	479.2	538.7
105°	245.6	255.2	267.9	284.7	306.3	331.6	357.4	385.1	419.8	464.6	523.5
107.5°	236.4	245.0	257.0	274.5	296.3	323.0	347.9	375.2	408.8	451.0	503.9
110°	226.0	233.3	244.2	261.3	282.7	307.9	334.9	363.3	394.6	432.7	481.9



TEST NUMBER: P231880

CATALOG NUMBER: FVS4WM-2-LD4-30-1HI-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
112.5°	212.5	220.4	231.4	247.3	267.6	291.8	318.9	348.5	378.0	413.5	456.8
115°	198.7	206.9	217.4	231.9	250.8	273.9	300.5	329.9	360.3	392.1	428.9
117.5°	184.4	192.3	202.2	215.6	233.6	255.3	280.1	307.6	339.0	369.5	402.9
120°	169.7	177.0	186.7	199.4	215.4	234.7	258.0	283.9	312.9	344.7	375.4
122.5°	156.2	161.9	170.4	181.6	196.0	214.1	234.9	258.3	285.7	316.1	347.0
125°	143.0	146.3	153.5	163.6	176.7	192.3	212.4	235.7	260.2	286.4	315.0
127.5°	129.5	131.4	136.8	145.0	159.5	175.4	193.5	213.7	235.0	257.8	282.2
130°	116.6	119.8	125.0	133.9	145.6	159.0	174.8	192.0	210.8	230.1	250.3
132.5°	111.2	113.5	117.9	124.2	132.4	144.1	156.8	171.4	187.1	203.5	221.1
135°	106.3	108.3	111.1	115.3	122.0	129.5	140.5	151.8	165.2	178.8	193.5
137.5°	101.7	103.1	105.1	108.1	112.1	118.3	125.2	134.8	145.0	156.1	167.6
140°	97.0	98.2	99.6	101.4	104.2	107.9	113.3	119.4	126.9	135.3	144.0
142.5°	92.8	93.3	94.3	95.6	97.2	99.5	102.9	106.8	112.1	117.7	124.3
145°	88.5	88.7	89.2	90.2	91.2	92.6	93.8	96.9	99.8	104.4	110.4
147.5°	83.1	84.1	84.4	84.8	85.7	86.5	87.5	88.8	91.4	95.2	99.1
150°	77.1	78.4	79.5	79.8	80.2	81.0	82.5	84.0	86.0	88.0	90.2
152.5°	69.8	72.0	73.2	74.6	75.6	76.6	77.9	79.1	80.6	82.1	83.8
155°	61.9	64.7	67.6	68.7	70.0	71.2	72.2	73.4	74.7	76.0	77.4
157.5°	55.2	57.4	59.6	61.7	63.6	64.7	65.7	66.6	67.6	68.7	69.9
160°	48.9	50.8	52.5	54.2	55.8	57.2	58.5	59.6	60.3	61.0	61.6
162.5°	42.6	44.7	46.0	47.3	48.6	49.7	50.8	51.8	52.6	53.3	53.9
165°	36.1	37.7	39.2	40.6	41.9	42.9	43.8	44.5	45.2	45.8	46.2
167.5°	30.3	31.3	32.4	33.5	34.6	35.7	36.6	37.5	38.2	38.8	39.2
170°	25.0	25.9	26.6	27.3	28.0	28.6	29.1	29.7	30.4	30.9	31.4
172.5°	18.8	19.7	20.6	21.5	22.2	22.7	23.1	23.5	23.8	24.1	24.4
175°	11.9	12.5	13.1	13.7	14.2	14.8	15.3	15.7	16.2	16.6	16.9
177.5°	5.9	6.2	6.4	6.6	6.8	6.9	7.1	7.2	7.4	7.5	7.6
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: P231880

CATALOG NUMBER: FVS4WM-2-LD4-30-1HI-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	7.7	7.8	7.8	7.9	7.9	8.0	8.2	8.1	8.1	8.0	7.9
5°	17.3	17.6	17.8	18.0	18.2	18.4	18.5	18.5	18.9	18.7	18.6
7.5°	24.6	24.7	24.9	25.0	25.0	25.0	25.0	24.9	24.8	24.8	24.5
10°	31.8	32.2	32.5	32.7	32.9	32.9	33.0	32.9	32.8	32.9	32.5
12.5°	39.5	39.7	39.9	40.0	40.0	39.9	39.8	39.6	39.3	38.9	38.6
15°	46.6	46.9	47.1	47.1	47.1	46.9	46.7	46.3	45.9	45.4	44.9
17.5°	54.3	54.6	54.9	55.0	55.1	55.1	54.9	54.7	54.4	53.9	53.6
20°	62.2	62.8	63.6	64.3	65.1	65.7	66.2	66.6	66.9	67.1	67.5
22.5°	71.1	72.3	73.3	74.3	75.1	75.9	76.6	77.2	77.6	78.0	78.5
25°	78.7	80.0	81.3	82.6	83.9	85.1	86.2	87.2	88.0	88.7	89.1
27.5°	85.6	87.4	89.1	91.3	93.7	95.9	98.0	99.8	101.4	102.7	103.7
30°	93.3	96.6	99.7	102.8	106.7	110.2	113.5	116.4	119.0	121.2	122.9
32.5°	103.3	108.5	113.4	118.1	123.3	128.7	133.5	137.7	141.4	144.5	147.0
35°	116.2	123.4	130.8	137.7	144.6	152.7	160.1	166.9	172.9	178.0	182.3
37.5°	133.2	142.2	152.9	163.2	173.0	182.5	191.0	198.5	205.0	210.5	214.8
40°	154.1	165.8	178.5	190.7	202.0	213.0	223.5	232.8	240.9	247.7	253.1
42.5°	180.0	192.1	206.1	221.0	234.9	248.0	261.0	272.3	281.8	289.5	295.4
45°	207.9	223.3	237.5	255.7	273.2	290.5	303.3	315.6	325.8	333.8	339.7
47.5°	238.6	257.7	276.8	295.5	315.2	332.8	349.5	365.0	377.9	388.2	395.9
50°	272.7	294.8	317.6	339.1	362.2	383.9	404.1	423.7	440.3	453.7	463.7
52.5°	307.9	333.6	359.9	386.1	414.4	442.3	467.0	494.3	516.9	534.5	547.3
55°	343.6	372.3	402.6	435.7	471.3	512.8	548.2	573.1	591.4	604.3	612.2
57.5°	377.1	410.6	446.4	491.4	540.5	579.9	617.9	638.3	651.4	661.3	667.7
60°	410.1	448.5	497.0	545.9	592.8	633.5	666.4	687.7	697.4	705.7	712.0
62.5°	441.2	490.3	541.8	593.2	637.9	675.9	702.3	721.4	733.0	741.7	747.2
65°	475.6	526.8	581.9	634.4	678.6	713.0	737.0	754.8	763.9	770.1	774.6
67.5°	507.6	563.0	620.6	674.9	719.1	749.8	769.5	780.1	787.6	795.4	800.0
70°	537.6	596.5	656.1	713.9	756.1	779.4	794.2	804.2	813.2	819.4	825.1
72.5°	563.5	624.4	686.0	741.6	780.7	802.8	814.3	824.6	833.7	838.8	844.6
75°	584.3	646.8	710.4	765.0	800.8	817.8	831.3	841.6	849.4	855.1	859.7
77.5°	599.7	663.8	733.8	785.5	813.9	830.8	844.3	854.3	861.5	867.7	873.3
80°	616.0	682.0	751.4	802.4	826.5	841.2	854.4	863.9	872.3	880.4	884.8
82.5°	630.0	699.6	766.8	811.4	833.5	848.8	862.5	871.8	880.8	886.9	893.2
85°	639.0	710.5	777.6	818.5	837.9	854.0	867.5	876.8	886.4	893.5	901.0
87.5°	645.5	714.8	783.3	823.5	840.6	855.8	870.2	878.4	889.4	895.6	904.9
90°	642.5	712.7	782.9	825.3	841.6	855.1	871.4	878.2	887.8	896.4	902.2
92.5°	645.5	714.8	783.3	823.5	840.6	855.8	870.2	878.4	889.4	895.6	904.9
95°	639.0	710.5	777.6	818.5	837.9	854.0	867.5	876.8	886.4	893.5	901.0
97.5°	630.0	699.6	766.8	811.4	833.5	848.8	862.5	871.8	880.8	886.9	893.2
100°	616.0	682.0	751.4	802.4	826.5	841.2	854.4	863.9	872.3	880.4	884.8
102.5°	599.7	663.8	733.8	785.5	813.9	830.8	844.3	854.3	861.5	867.7	873.3
105°	584.3	646.8	710.4	765.0	800.8	817.8	831.3	841.6	849.4	855.1	859.7
107.5°	563.5	624.4	686.0	741.6	780.7	802.8	814.3	824.6	833.7	838.8	844.6
110°	537.6	596.5	656.1	713.9	756.1	779.4	794.2	804.2	813.2	819.4	825.1



TEST NUMBER: P231880

CATALOG NUMBER: FVS4WM-2-LD4-30-1HI-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
112.5°	507.6	563.0	620.6	674.9	719.1	749.8	769.5	780.1	787.6	795.4	800.0
115°	475.6	526.8	581.9	634.4	678.6	713.0	737.0	754.8	763.9	770.1	774.6
117.5°	441.2	490.3	541.8	593.2	637.9	675.9	702.3	721.4	733.0	741.7	747.2
120°	410.1	448.5	497.0	545.9	592.8	633.5	666.4	687.7	697.4	705.7	712.0
122.5°	377.1	410.6	446.4	491.4	540.5	579.9	617.9	638.3	651.4	661.3	667.7
125°	343.6	372.3	402.6	435.7	471.3	512.8	548.2	573.1	591.4	604.3	612.2
127.5°	307.9	333.6	359.9	386.1	414.4	442.3	467.0	494.3	516.9	534.5	547.3
130°	272.7	294.8	317.6	339.1	362.2	383.9	404.1	423.7	440.3	453.7	463.7
132.5°	238.6	257.7	276.8	295.5	315.2	332.8	349.5	365.0	377.9	388.2	395.9
135°	207.9	223.3	237.5	255.7	273.2	290.5	303.3	315.6	325.8	333.8	339.7
137.5°	180.0	192.1	206.1	221.0	234.9	248.0	261.0	272.3	281.8	289.5	295.4
140°	154.1	165.8	178.5	190.7	202.0	213.0	223.5	232.8	240.9	247.7	253.1
142.5°	133.2	142.2	152.9	163.2	173.0	182.5	191.0	198.5	205.0	210.5	214.8
145°	116.2	123.4	130.8	137.7	144.6	152.7	160.1	166.9	172.9	178.0	182.3
147.5°	103.3	108.5	113.4	118.1	123.3	128.7	133.5	137.7	141.4	144.5	147.0
150°	93.3	96.6	99.7	102.8	106.7	110.2	113.5	116.4	119.0	121.2	122.9
152.5°	85.6	87.4	89.1	91.3	93.7	95.9	98.0	99.8	101.4	102.7	103.7
155°	78.7	80.0	81.3	82.6	83.9	85.1	86.2	87.2	88.0	88.7	89.1
157.5°	71.1	72.3	73.3	74.3	75.1	75.9	76.6	77.2	77.6	78.0	78.5
160°	62.2	62.8	63.6	64.3	65.1	65.7	66.2	66.6	66.9	67.1	67.5
162.5°	54.3	54.6	54.9	55.0	55.1	55.1	54.9	54.7	54.4	53.9	53.6
165°	46.6	46.9	47.1	47.1	47.1	46.9	46.7	46.3	45.9	45.4	44.9
167.5°	39.5	39.7	39.9	40.0	40.0	39.9	39.8	39.6	39.3	38.9	38.6
170°	31.8	32.2	32.5	32.7	32.9	32.9	33.0	32.9	32.8	32.9	32.5
172.5°	24.6	24.7	24.9	25.0	25.0	25.0	25.0	24.9	24.8	24.8	24.5
175°	17.3	17.6	17.8	18.0	18.2	18.4	18.5	18.5	18.9	18.7	18.6
177.5°	7.7	7.8	7.8	7.9	7.9	8.0	8.2	8.1	8.1	8.0	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: P231880

CATALOG NUMBER: FVS4WM-2-LD4-30-1HI-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	357.5°	360°
0°	0.0	0.0
2.5°	7.8	7.7
5°	18.4	18.3
7.5°	24.3	24.0
10°	32.1	31.7
12.5°	38.1	37.5
15°	44.1	43.3
17.5°	52.7	51.9
20°	66.9	66.4
22.5°	78.2	77.9
25°	89.5	89.5
27.5°	104.6	104.8
30°	124.4	125.0
32.5°	149.2	150.0
35°	186.0	187.6
37.5°	218.7	220.3
40°	257.8	259.7
42.5°	300.4	302.0
45°	344.4	345.3
47.5°	402.2	403.0
50°	472.1	473.2
52.5°	557.5	557.9
55°	617.3	614.6
57.5°	672.3	669.4
60°	717.5	716.6
62.5°	749.7	749.3
65°	777.1	777.2
67.5°	801.5	800.2
70°	829.3	831.0
72.5°	847.8	848.3
75°	864.1	866.6
77.5°	877.7	879.1
80°	888.4	889.7
82.5°	898.2	902.2
85°	904.3	905.1
87.5°	910.6	906.0
90°	905.1	913.7
92.5°	910.6	906.0
95°	904.3	905.1
97.5°	898.2	902.2
100°	888.4	889.7
102.5°	877.7	879.1
105°	864.1	866.6
107.5°	847.8	848.3
110°	829.3	831.0



TEST NUMBER: P231880

CATALOG NUMBER: FVS4WM-2-LD4-30-1HI-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	357.5°	360°
112.5°	801.5	800.2
115°	777.1	777.2
117.5°	749.7	749.3
120°	717.5	716.6
122.5°	672.3	669.4
125°	617.3	614.6
127.5°	557.5	557.9
130°	472.1	473.2
132.5°	402.2	403.0
135°	344.4	345.3
137.5°	300.4	302.0
140°	257.8	259.7
142.5°	218.7	220.3
145°	186.0	187.6
147.5°	149.2	150.0
150°	124.4	125.0
152.5°	104.6	104.8
155°	89.5	89.5
157.5°	78.2	77.9
160°	66.9	66.4
162.5°	52.7	51.9
165°	44.1	43.3
167.5°	38.1	37.5
170°	32.1	31.7
172.5°	24.3	24.0
175°	18.4	18.3
177.5°	7.8	7.7
180°	0.0	0.0

(END OF REPORT)