

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: P232016

Luminaire Tested: **FVS4WM-3-LD4-30-1LO-P125-UNV-EDC1**

Issue Date: 3/3/2020



Test Information

Test Method: LM-79-08
Report Number: P232016
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1706-121-23)
Test Lab: INNOVATION CENTER(G3)
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: FAIL-SAFE
Catalog Number: FVS4WM-3-LD4-30-1LO-P125-UNV-EDC1
Description: FAILSAFE FVS LED FIXTURE
3FT LENGTH, 1-MODULE LED WITH P125 LENS
Light Source: (84) 3000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

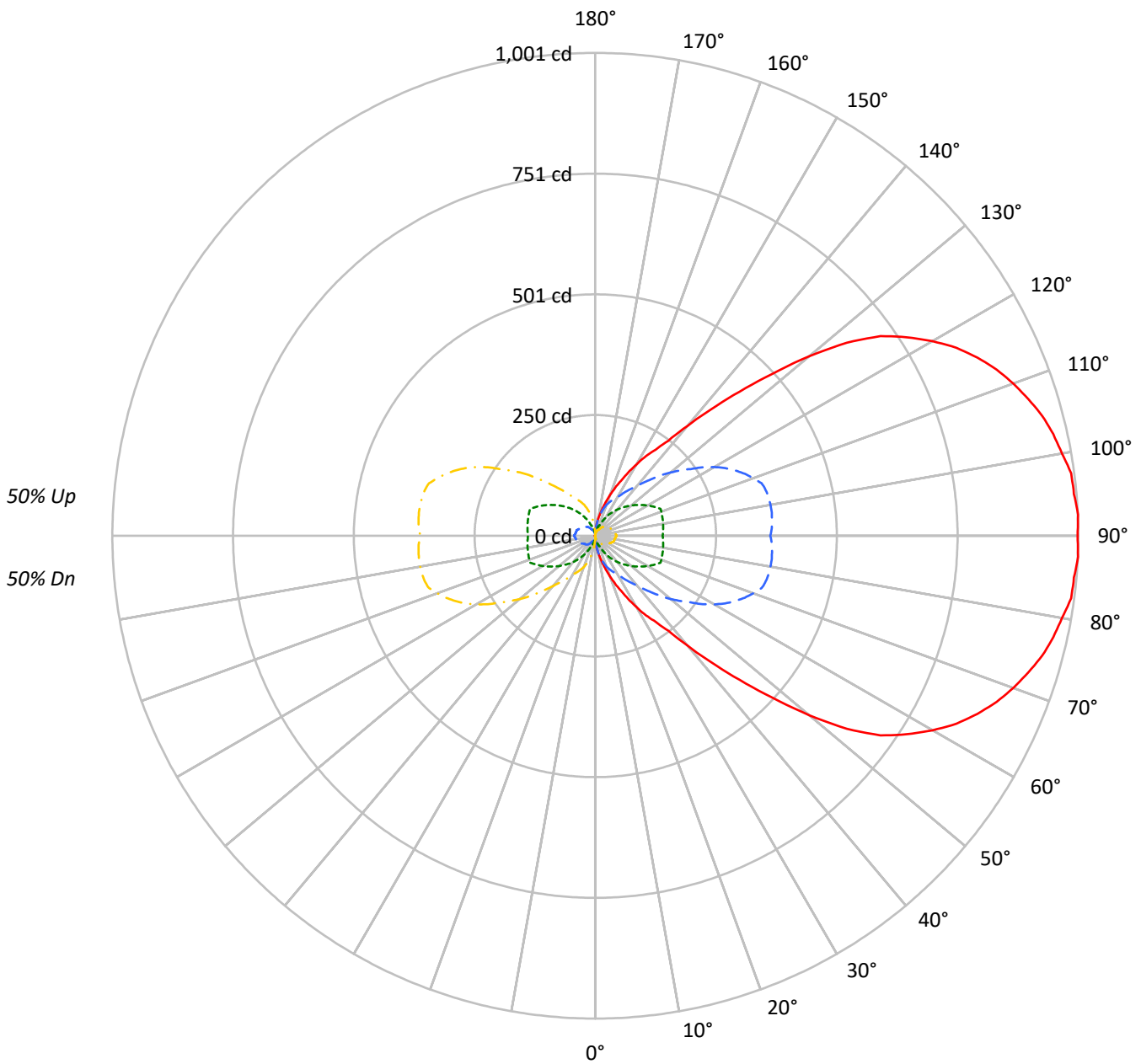
Lumens per Lamp: N/A
Luminaire Lumens: 2382.9 lumens
Efficiency: N/A
Efficacy: 111.9 lumens/watt
Spacing Criteria (0/90/45): - / - / -
Luminous Opening: Rectangular w/ Sides (W: 2.92' x L: 0.19' x H: 0.31')
CIE Type: General Diffuse

Input Watts (W): 21.3
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT

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Luminous Intensity Polar Plot



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



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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20	
RC	80				70				50				30				10	0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR																		
0	107	107	107	107	99	99	99	99	83	83	83	69	69	69	56	56	56	50
1	91	84	77	71	83	76	71	65	63	58	54	50	47	44	39	36	34	28
2	80	69	60	53	73	63	55	48	51	45	40	40	36	31	30	27	23	18
3	72	59	49	41	65	53	45	37	43	36	30	34	28	24	25	21	17	12
4	64	51	41	33	58	46	37	30	37	30	24	29	23	18	21	17	13	9
5	59	44	34	27	53	40	31	24	32	25	20	25	19	15	18	14	10	7
6	54	39	29	22	48	35	27	20	29	22	16	22	17	12	16	12	8	5
7	49	35	26	19	44	32	23	17	26	19	14	20	14	10	14	10	7	4
8	45	31	22	16	41	28	20	15	23	16	12	18	13	9	13	9	6	3
9	42	28	20	14	38	26	18	13	21	15	10	16	11	8	12	8	5	3
10	39	26	18	12	36	24	16	11	19	13	9	15	10	7	11	7	4	2

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	0	0	0	0
5°	321	108	0	108
10°	575	216	0	216
15°	847	327	0	327
20°	1188	444	0	444
25°	1539	647	0	647
30°	1982	950	0	950
35°	2413	1285	0	1285
40°	3182	1664	0	1664
45°	4407	2104	0	2104
50°	5938	2650	0	2650
55°	7327	3318	0	3318
60°	8170	4164	0	4164
65°	8895	5275	0	5275
70°	9510	6469	6	6469
75°	10103	7823	6	7823
80°	10650	10047	0	10047
85°	11216	14313	0	14313



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	1.2	0.0
10°-20°	8.3	0.3
20°-30°	23.2	1.0
30°-40°	50.3	2.1
40°-50°	97.8	4.1
50°-60°	169.7	7.1
60°-70°	239.8	10.1
70°-80°	288.5	12.1
80°-90°	312.7	13.1
90°-100°	312.7	13.1
100°-110°	288.5	12.1
110°-120°	239.8	10.1
120°-130°	169.7	7.1
130°-140°	97.8	4.1
140°-150°	50.3	2.1
150°-160°	23.2	1.0
160°-170°	8.3	0.3
170°-180°	1.2	0.0
0°-30°	32.6	1.4
0°-40°	82.9	3.5
0°-60°	350.4	14.7
0°-90°	1191.4	50.0
90°-120°	841.0	35.3
90°-150°	1158.8	48.6
90°-180°	1191.0	50.0
0°-180°	2382.9	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	0	0	0	0	0	
5°	19	6	0	6	19	2
15°	60	16	0	16	60	18
25°	126	31	0	31	126	60
35°	218	58	0	58	218	142
45°	422	84	0	84	422	334
55°	722	112	0	112	722	638
65°	874	139	0	139	874	865
75°	959	144	1	144	959	1012
85°	996	141	0	141	996	812
90°	1000	140	0	140	1000	548
95°	996	141	0	141	996	812
105°	959	144	1	144	959	1012
115°	874	139	0	139	874	865
125°	722	112	0	112	722	638
135°	422	84	0	84	422	334
145°	218	58	0	58	218	142
155°	126	31	0	31	126	60
165°	60	16	0	16	60	18
175°	19	6	0	6	19	2
180°	0	0	0	0	0	



TEST NUMBER: P232016

CATALOG NUMBER: FVS4WM-3-LD4-30-1LO-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°	8.7	8.8	8.9	9.1	9.2	9.3	9.4	9.1	9.1	9.1	9.0
5°	18.6	18.9	19.1	19.4	19.6	19.4	19.4	19.4	19.4	19.3	19.2
7.5°	28.5	28.9	29.3	29.7	29.6	29.7	29.8	29.8	29.7	29.6	29.5
10°	37.2	37.8	38.3	38.9	38.9	39.1	39.3	39.4	39.4	39.3	39.2
12.5°	46.5	47.2	47.8	48.1	48.5	48.7	48.9	49.0	49.0	48.9	48.7
15°	60.1	60.6	61.1	61.0	61.0	60.9	60.7	60.4	60.0	59.5	58.9
17.5°	75.0	75.2	75.5	74.9	74.5	73.9	73.3	72.5	71.6	70.7	69.7
20°	91.1	91.1	91.0	89.9	89.0	88.0	86.8	85.4	83.9	82.3	80.5
22.5°	107.9	107.6	107.2	105.6	104.3	102.7	101.0	99.1	96.9	94.6	92.2
25°	125.9	125.2	123.8	122.2	120.4	118.2	115.9	113.3	110.5	107.5	104.3
27.5°	147.6	146.5	144.4	142.2	139.5	136.4	133.0	129.3	125.2	120.9	116.8
30°	171.1	170.0	167.8	165.2	162.0	158.2	153.8	148.8	143.2	137.0	131.8
32.5°	195.9	195.2	193.0	190.4	187.1	182.9	178.0	172.2	165.6	158.5	151.2
35°	217.6	217.8	216.5	214.8	212.1	208.5	203.8	197.9	191.0	183.1	174.4
37.5°	248.0	249.0	247.9	246.1	243.1	238.7	233.1	226.1	217.9	209.7	200.2
40°	297.0	297.4	294.3	290.5	285.1	278.4	270.3	260.9	251.3	241.2	229.5
42.5°	355.3	354.6	349.4	343.4	335.5	325.9	314.8	302.3	290.1	277.2	263.4
45°	422.2	419.9	412.0	403.1	392.0	379.0	364.3	350.2	332.8	316.2	299.1
47.5°	495.4	492.6	482.8	471.5	457.1	439.6	419.2	398.2	378.3	357.7	338.4
50°	579.1	576.8	565.7	552.3	534.4	512.1	485.5	458.8	431.0	402.0	379.2
52.5°	657.2	657.1	647.6	635.3	617.6	594.4	565.7	532.8	493.9	456.0	423.7
55°	721.7	722.7	715.4	705.8	691.9	673.6	649.3	610.8	561.5	514.8	471.0
57.5°	765.7	767.2	762.6	756.4	747.1	734.7	715.1	674.0	629.8	572.4	519.2
60°	806.7	807.9	803.1	796.9	788.2	777.1	755.9	721.7	677.4	624.4	567.7
62.5°	843.9	843.2	839.4	833.0	824.0	812.9	791.6	761.3	720.0	670.2	610.6
65°	873.6	872.4	868.7	862.7	854.7	844.0	826.7	803.5	763.4	712.3	651.5
67.5°	900.3	898.9	894.8	888.2	879.4	869.0	856.1	836.8	809.3	758.4	693.8
70°	922.0	920.7	916.9	910.7	902.3	891.0	878.5	862.6	840.7	802.2	733.4
72.5°	941.2	938.5	933.8	928.0	921.1	909.2	896.7	882.3	861.3	823.8	766.6
75°	959.2	954.8	948.4	941.8	934.5	923.9	910.9	897.4	880.6	845.3	788.4
77.5°	972.2	968.4	961.7	955.3	947.6	937.8	924.2	910.2	893.5	866.6	811.4
80°	982.1	979.9	973.9	967.0	958.6	947.9	935.7	922.1	905.0	884.3	830.3
82.5°	994.5	988.6	981.9	972.8	965.6	954.9	943.3	930.0	913.1	891.3	845.9
85°	995.8	991.5	988.3	977.9	969.7	959.0	946.9	933.8	916.4	896.1	857.8
87.5°	1001.4	995.4	988.7	977.6	971.5	960.4	947.3	935.7	917.0	899.3	864.4
90°	999.5	989.6	986.5	977.8	969.7	959.8	945.6	935.6	915.2	899.7	864.3
92.5°	1001.4	995.4	988.7	977.6	971.5	960.4	947.3	935.7	917.0	899.3	864.4
95°	995.8	991.5	988.3	977.9	969.7	959.0	946.9	933.8	916.4	896.1	857.8
97.5°	994.5	988.6	981.9	972.8	965.6	954.9	943.3	930.0	913.1	891.3	845.9
100°	982.1	979.9	973.9	967.0	958.6	947.9	935.7	922.1	905.0	884.3	830.3
102.5°	972.2	968.4	961.7	955.3	947.6	937.8	924.2	910.2	893.5	866.6	811.4
105°	959.2	954.8	948.4	941.8	934.5	923.9	910.9	897.4	880.6	845.3	788.4
107.5°	941.2	938.5	933.8	928.0	921.1	909.2	896.7	882.3	861.3	823.8	766.6
110°	922.0	920.7	916.9	910.7	902.3	891.0	878.5	862.6	840.7	802.2	733.4



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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°	900.3	898.9	894.8	888.2	879.4	869.0	856.1	836.8	809.3	758.4	693.8
115°	873.6	872.4	868.7	862.7	854.7	844.0	826.7	803.5	763.4	712.3	651.5
117.5°	843.9	843.2	839.4	833.0	824.0	812.9	791.6	761.3	720.0	670.2	610.6
120°	806.7	807.9	803.1	796.9	788.2	777.1	755.9	721.7	677.4	624.4	567.7
122.5°	765.7	767.2	762.6	756.4	747.1	734.7	715.1	674.0	629.8	572.4	519.2
125°	721.7	722.7	715.4	705.8	691.9	673.6	649.3	610.8	561.5	514.8	471.0
127.5°	657.2	657.1	647.6	635.3	617.6	594.4	565.7	532.8	493.9	456.0	423.7
130°	579.1	576.8	565.7	552.3	534.4	512.1	485.5	458.8	431.0	402.0	379.2
132.5°	495.4	492.6	482.8	471.5	457.1	439.6	419.2	398.2	378.3	357.7	338.4
135°	422.2	419.9	412.0	403.1	392.0	379.0	364.3	350.2	332.8	316.2	299.1
137.5°	355.3	354.6	349.4	343.4	335.5	325.9	314.8	302.3	290.1	277.2	263.4
140°	297.0	297.4	294.3	290.5	285.1	278.4	270.3	260.9	251.3	241.2	229.5
142.5°	248.0	249.0	247.9	246.1	243.1	238.7	233.1	226.1	217.9	209.7	200.2
145°	217.6	217.8	216.5	214.8	212.1	208.5	203.8	197.9	191.0	183.1	174.4
147.5°	195.9	195.2	193.0	190.4	187.1	182.9	178.0	172.2	165.6	158.5	151.2
150°	171.1	170.0	167.8	165.2	162.0	158.2	153.8	148.8	143.2	137.0	131.8
152.5°	147.6	146.5	144.4	142.2	139.5	136.4	133.0	129.3	125.2	120.9	116.8
155°	125.9	125.2	123.8	122.2	120.4	118.2	115.9	113.3	110.5	107.5	104.3
157.5°	107.9	107.6	107.2	105.6	104.3	102.7	101.0	99.1	96.9	94.6	92.2
160°	91.1	91.1	91.0	89.9	89.0	88.0	86.8	85.4	83.9	82.3	80.5
162.5°	75.0	75.2	75.5	74.9	74.5	73.9	73.3	72.5	71.6	70.7	69.7
165°	60.1	60.6	61.1	61.0	61.0	60.9	60.7	60.4	60.0	59.5	58.9
167.5°	46.5	47.2	47.8	48.1	48.5	48.7	48.9	49.0	49.0	48.9	48.7
170°	37.2	37.8	38.3	38.9	38.9	39.1	39.3	39.4	39.4	39.3	39.2
172.5°	28.5	28.9	29.3	29.7	29.6	29.7	29.8	29.8	29.7	29.6	29.5
175°	18.6	18.9	19.1	19.4	19.6	19.4	19.4	19.4	19.4	19.3	19.2
177.5°	8.7	8.8	8.9	9.1	9.2	9.3	9.4	9.1	9.1	9.1	9.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	9.0	8.9	8.8	8.7	8.5	8.4	8.2	8.1	7.9	7.7	7.4
5°	19.0	18.8	18.5	18.2	17.9	17.6	17.2	16.7	16.2	15.7	15.2
7.5°	29.2	28.9	28.6	28.2	27.7	27.2	26.6	25.9	25.2	24.5	23.7
10°	39.0	38.7	38.3	37.8	37.3	36.7	36.0	35.1	34.2	33.2	32.1
12.5°	48.4	48.1	47.7	47.1	46.5	45.8	44.9	44.0	42.9	41.8	40.6
15°	58.3	57.6	56.9	56.2	55.4	54.6	53.7	52.7	51.6	50.3	48.8
17.5°	68.6	67.4	66.4	65.3	64.3	63.2	62.1	61.0	59.7	58.3	56.9
20°	78.7	77.0	75.5	74.0	72.4	70.9	69.6	68.3	67.1	65.9	64.4
22.5°	89.8	87.4	85.0	82.5	80.0	78.1	76.4	74.7	73.2	71.9	70.7
25°	101.3	98.1	94.9	91.6	88.5	85.7	82.9	80.2	78.6	77.0	75.8
27.5°	113.0	109.0	105.0	101.0	97.2	93.4	90.1	86.7	83.7	81.1	79.7
30°	126.4	120.8	115.4	110.5	105.9	101.2	97.0	92.9	90.0	88.3	86.4
32.5°	143.3	134.8	127.6	121.1	114.5	109.0	105.5	102.3	99.5	96.7	94.6
35°	164.7	154.6	144.7	134.3	126.2	121.3	116.0	112.5	108.9	105.7	102.7
37.5°	189.2	177.7	165.5	155.6	145.4	135.8	129.1	123.2	118.4	114.5	111.0
40°	216.7	204.0	191.4	179.2	166.9	155.1	144.5	135.4	128.9	123.3	119.1
42.5°	249.2	234.2	218.9	204.6	191.1	176.2	162.1	150.7	140.3	133.2	127.4
45°	283.4	266.5	249.1	231.0	214.2	198.0	182.4	166.7	154.6	143.8	136.1
47.5°	319.1	299.4	280.0	259.9	239.6	220.2	202.7	185.7	169.0	156.3	145.9
50°	356.0	333.7	311.2	289.2	267.6	244.1	222.9	204.1	186.0	169.3	156.1
52.5°	393.6	368.0	342.9	318.3	293.8	269.9	244.4	222.3	203.6	183.6	170.2
55°	434.2	401.6	373.7	346.6	320.3	293.8	266.9	241.0	221.2	203.5	187.7
57.5°	474.4	435.3	402.8	373.7	345.5	317.8	290.2	264.0	240.1	221.8	205.1
60°	511.4	466.6	429.1	398.1	368.9	340.4	312.1	284.6	259.6	238.9	221.6
62.5°	549.6	492.9	452.4	418.9	389.0	360.6	331.7	303.6	277.6	254.4	236.7
65°	585.1	526.0	474.5	437.4	405.9	377.2	349.4	320.1	293.6	270.0	251.0
67.5°	624.4	559.7	502.4	455.1	419.4	390.6	364.2	335.3	308.1	284.1	264.0
70°	661.1	590.4	528.7	472.0	432.2	401.4	375.2	348.7	320.4	296.4	275.7
72.5°	691.9	617.1	549.7	490.9	443.0	409.2	383.5	361.5	330.9	307.1	286.7
75°	716.1	639.8	566.3	505.4	450.8	415.2	389.1	365.7	338.1	314.0	295.1
77.5°	733.5	656.4	579.5	518.2	463.3	421.8	392.2	367.6	342.3	319.0	301.7
80°	751.1	672.8	597.7	530.6	473.5	426.8	394.1	368.6	344.4	322.3	306.8
82.5°	768.5	686.8	610.4	539.4	480.5	430.2	395.0	368.7	344.6	324.2	310.5
85°	778.2	695.3	617.7	544.5	484.3	431.8	394.6	367.7	343.3	325.0	313.4
87.5°	780.2	701.1	622.2	547.6	486.5	432.4	393.6	366.3	341.0	325.1	315.6
90°	775.0	695.1	616.3	543.2	482.4	429.1	390.0	362.7	337.3	324.3	317.5
92.5°	780.2	701.1	622.2	547.6	486.5	432.4	393.6	366.3	341.0	325.1	315.6
95°	778.2	695.3	617.7	544.5	484.3	431.8	394.6	367.7	343.3	325.0	313.4
97.5°	768.5	686.8	610.4	539.4	480.5	430.2	395.0	368.7	344.6	324.2	310.5
100°	751.1	672.8	597.7	530.6	473.5	426.8	394.1	368.6	344.4	322.3	306.8
102.5°	733.5	656.4	579.5	518.2	463.3	421.8	392.2	367.6	342.3	319.0	301.7
105°	716.1	639.8	566.3	505.4	450.8	415.2	389.1	365.7	338.1	314.0	295.1
107.5°	691.9	617.1	549.7	490.9	443.0	409.2	383.5	361.5	330.9	307.1	286.7
110°	661.1	590.4	528.7	472.0	432.2	401.4	375.2	348.7	320.4	296.4	275.7



TEST NUMBER: P232016

CATALOG NUMBER: FVS4WM-3-LD4-30-1LO-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°	624.4	559.7	502.4	455.1	419.4	390.6	364.2	335.3	308.1	284.1	264.0
115°	585.1	526.0	474.5	437.4	405.9	377.2	349.4	320.1	293.6	270.0	251.0
117.5°	549.6	492.9	452.4	418.9	389.0	360.6	331.7	303.6	277.6	254.4	236.7
120°	511.4	466.6	429.1	398.1	368.9	340.4	312.1	284.6	259.6	238.9	221.6
122.5°	474.4	435.3	402.8	373.7	345.5	317.8	290.2	264.0	240.1	221.8	205.1
125°	434.2	401.6	373.7	346.6	320.3	293.8	266.9	241.0	221.2	203.5	187.7
127.5°	393.6	368.0	342.9	318.3	293.8	269.9	244.4	222.3	203.6	183.6	170.2
130°	356.0	333.7	311.2	289.2	267.6	244.1	222.9	204.1	186.0	169.3	156.1
132.5°	319.1	299.4	280.0	259.9	239.6	220.2	202.7	185.7	169.0	156.3	145.9
135°	283.4	266.5	249.1	231.0	214.2	198.0	182.4	166.7	154.6	143.8	136.1
137.5°	249.2	234.2	218.9	204.6	191.1	176.2	162.1	150.7	140.3	133.2	127.4
140°	216.7	204.0	191.4	179.2	166.9	155.1	144.5	135.4	128.9	123.3	119.1
142.5°	189.2	177.7	165.5	155.6	145.4	135.8	129.1	123.2	118.4	114.5	111.0
145°	164.7	154.6	144.7	134.3	126.2	121.3	116.0	112.5	108.9	105.7	102.7
147.5°	143.3	134.8	127.6	121.1	114.5	109.0	105.5	102.3	99.5	96.7	94.6
150°	126.4	120.8	115.4	110.5	105.9	101.2	97.0	92.9	90.0	88.3	86.4
152.5°	113.0	109.0	105.0	101.0	97.2	93.4	90.1	86.7	83.7	81.1	79.7
155°	101.3	98.1	94.9	91.6	88.5	85.7	82.9	80.2	78.6	77.0	75.8
157.5°	89.8	87.4	85.0	82.5	80.0	78.1	76.4	74.7	73.2	71.9	70.7
160°	78.7	77.0	75.5	74.0	72.4	70.9	69.6	68.3	67.1	65.9	64.4
162.5°	68.6	67.4	66.4	65.3	64.3	63.2	62.1	61.0	59.7	58.3	56.9
165°	58.3	57.6	56.9	56.2	55.4	54.6	53.7	52.7	51.6	50.3	48.8
167.5°	48.4	48.1	47.7	47.1	46.5	45.8	44.9	44.0	42.9	41.8	40.6
170°	39.0	38.7	38.3	37.8	37.3	36.7	36.0	35.1	34.2	33.2	32.1
172.5°	29.2	28.9	28.6	28.2	27.7	27.2	26.6	25.9	25.2	24.5	23.7
175°	19.0	18.8	18.5	18.2	17.9	17.6	17.2	16.7	16.2	15.7	15.2
177.5°	9.0	8.9	8.8	8.7	8.5	8.4	8.2	8.1	7.9	7.7	7.4
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: P232016

CATALOG NUMBER: FVS4WM-3-LD4-30-1LO-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°	7.2	7.0	6.7	6.4	6.1	5.9	5.5	5.2	4.9	4.6	4.2
5°	14.6	14.0	13.4	12.8	12.2	11.7	11.0	10.4	9.8	9.1	8.4
7.5°	22.8	21.8	20.9	19.9	18.8	17.7	16.5	15.5	14.6	13.6	12.6
10°	31.0	29.8	28.6	27.2	25.7	24.2	22.7	21.1	19.4	18.0	16.7
12.5°	39.2	37.7	36.1	34.5	32.7	30.9	28.9	26.9	24.8	22.6	20.8
15°	47.2	45.5	44.0	41.7	39.7	37.5	35.3	32.8	30.2	27.6	24.9
17.5°	55.5	53.3	51.2	49.0	46.6	44.1	41.4	38.7	35.8	32.7	29.5
20°	62.6	60.8	58.7	56.2	53.5	50.6	47.6	44.5	41.3	37.7	34.1
22.5°	69.6	67.8	65.6	63.3	60.4	57.2	53.8	50.3	46.7	42.9	38.7
25°	74.6	73.6	72.2	69.7	67.4	64.3	60.8	57.3	53.6	49.8	45.6
27.5°	79.2	78.8	78.2	77.2	74.7	72.1	68.5	64.8	60.9	56.8	52.6
30°	85.6	85.0	84.3	83.4	81.9	79.1	76.0	72.0	68.2	63.8	59.5
32.5°	92.6	91.3	90.5	89.4	88.2	85.9	82.8	79.1	74.8	70.5	66.1
35°	100.2	98.1	96.7	95.6	94.2	92.5	89.4	86.1	81.5	77.1	72.5
37.5°	107.8	105.4	103.2	101.8	100.6	98.4	95.8	92.2	88.0	83.5	78.8
40°	115.5	112.4	110.0	108.0	106.5	104.5	102.0	98.4	94.3	89.7	85.0
42.5°	123.0	119.5	116.5	114.4	112.5	110.8	107.9	104.5	100.5	95.8	91.1
45°	130.6	126.2	123.1	120.6	118.5	116.7	113.9	110.5	106.3	101.8	97.0
47.5°	137.8	133.2	129.4	126.7	124.5	123.1	122.2	120.4	118.1	115.1	111.3
50°	146.9	140.3	137.7	136.5	135.7	135.3	135.3	134.6	133.4	131.3	127.6
52.5°	160.4	154.1	150.8	148.7	147.5	147.1	147.6	148.1	148.3	147.4	143.6
55°	176.3	168.8	163.8	160.7	159.3	158.9	159.5	161.0	162.7	162.9	159.6
57.5°	192.1	183.0	176.8	173.2	171.2	170.4	171.1	173.3	176.6	178.0	175.5
60°	206.7	197.0	190.3	185.8	183.0	181.9	182.3	185.1	189.9	192.8	191.3
62.5°	221.7	211.1	203.7	198.3	194.8	193.2	193.4	196.8	202.7	207.3	207.1
65°	235.7	224.2	216.6	210.7	206.5	204.6	204.8	208.3	215.1	221.5	222.8
67.5°	248.4	236.4	229.1	223.2	218.6	216.2	216.1	219.6	227.3	235.6	238.4
70°	260.0	248.4	241.3	235.3	229.7	226.1	224.9	227.5	234.5	241.9	242.2
72.5°	271.0	258.8	250.2	243.5	237.7	233.3	231.3	233.3	239.9	247.0	244.7
75°	280.5	268.3	258.5	251.5	245.6	240.6	237.8	239.2	245.6	252.5	247.3
77.5°	288.9	277.5	266.7	259.4	253.3	247.9	244.2	245.1	251.3	258.3	250.2
80°	296.3	286.4	274.8	267.0	260.9	255.2	250.7	251.1	257.2	264.5	253.2
82.5°	303.0	295.0	282.6	274.4	268.4	262.5	257.1	257.2	263.3	270.7	257.0
85°	309.0	303.3	290.3	281.7	275.8	270.0	263.6	263.2	269.3	277.4	259.6
87.5°	314.6	311.4	297.9	288.9	283.1	277.0	270.1	269.6	275.7	283.5	262.2
90°	319.9	318.7	305.1	295.8	290.2	284.0	276.5	275.9	282.1	289.6	264.8
92.5°	314.6	311.4	297.9	288.9	283.1	277.0	270.1	269.6	275.7	283.5	262.2
95°	309.0	303.3	290.3	281.7	275.8	270.0	263.6	263.2	269.3	277.4	259.6
97.5°	303.0	295.0	282.6	274.4	268.4	262.5	257.1	257.2	263.3	270.7	257.0
100°	296.3	286.4	274.8	267.0	260.9	255.2	250.7	251.1	257.2	264.5	253.2
102.5°	288.9	277.5	266.7	259.4	253.3	247.9	244.2	245.1	251.3	258.3	250.2
105°	280.5	268.3	258.5	251.5	245.6	240.6	237.8	239.2	245.6	252.5	247.3
107.5°	271.0	258.8	250.2	243.5	237.7	233.3	231.3	233.3	239.9	247.0	244.7
110°	260.0	248.4	241.3	235.3	229.7	226.1	224.9	227.5	234.5	241.9	242.2



TEST NUMBER: P232016

CATALOG NUMBER: FVS4WM-3-LD4-30-1LO-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
112.5°	248.4	236.4	229.1	223.2	218.6	216.2	216.1	219.6	227.3	235.6	238.4
115°	235.7	224.2	216.6	210.7	206.5	204.6	204.8	208.3	215.1	221.5	222.8
117.5°	221.7	211.1	203.7	198.3	194.8	193.2	193.4	196.8	202.7	207.3	207.1
120°	206.7	197.0	190.3	185.8	183.0	181.9	182.3	185.1	189.9	192.8	191.3
122.5°	192.1	183.0	176.8	173.2	171.2	170.4	171.1	173.3	176.6	178.0	175.5
125°	176.3	168.8	163.8	160.7	159.3	158.9	159.5	161.0	162.7	162.9	159.6
127.5°	160.4	154.1	150.8	148.7	147.5	147.1	147.6	148.1	148.3	147.4	143.6
130°	146.9	140.3	137.7	136.5	135.7	135.3	135.3	134.6	133.4	131.3	127.6
132.5°	137.8	133.2	129.4	126.7	124.5	123.1	122.2	120.4	118.1	115.1	111.3
135°	130.6	126.2	123.1	120.6	118.5	116.7	113.9	110.5	106.3	101.8	97.0
137.5°	123.0	119.5	116.5	114.4	112.5	110.8	107.9	104.5	100.5	95.8	91.1
140°	115.5	112.4	110.0	108.0	106.5	104.5	102.0	98.4	94.3	89.7	85.0
142.5°	107.8	105.4	103.2	101.8	100.6	98.4	95.8	92.2	88.0	83.5	78.8
145°	100.2	98.1	96.7	95.6	94.2	92.5	89.4	86.1	81.5	77.1	72.5
147.5°	92.6	91.3	90.5	89.4	88.2	85.9	82.8	79.1	74.8	70.5	66.1
150°	85.6	85.0	84.3	83.4	81.9	79.1	76.0	72.0	68.2	63.8	59.5
152.5°	79.2	78.8	78.2	77.2	74.7	72.1	68.5	64.8	60.9	56.8	52.6
155°	74.6	73.6	72.2	69.7	67.4	64.3	60.8	57.3	53.6	49.8	45.6
157.5°	69.6	67.8	65.6	63.3	60.4	57.2	53.8	50.3	46.7	42.9	38.7
160°	62.6	60.8	58.7	56.2	53.5	50.6	47.6	44.5	41.3	37.7	34.1
162.5°	55.5	53.3	51.2	49.0	46.6	44.1	41.4	38.7	35.8	32.7	29.5
165°	47.2	45.5	44.0	41.7	39.7	37.5	35.3	32.8	30.2	27.6	24.9
167.5°	39.2	37.7	36.1	34.5	32.7	30.9	28.9	26.9	24.8	22.6	20.8
170°	31.0	29.8	28.6	27.2	25.7	24.2	22.7	21.1	19.4	18.0	16.7
172.5°	22.8	21.8	20.9	19.9	18.8	17.7	16.5	15.5	14.6	13.6	12.6
175°	14.6	14.0	13.4	12.8	12.2	11.7	11.0	10.4	9.8	9.1	8.4
177.5°	7.2	7.0	6.7	6.4	6.1	5.9	5.5	5.2	4.9	4.6	4.2
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: P232016

CATALOG NUMBER: FVS4WM-3-LD4-30-1LO-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°	3.9	3.5	3.1	2.8	2.7	2.7	2.7	2.7	2.6	2.6	2.5
5°	7.7	7.0	6.3	5.5	5.5	5.4	5.3	5.2	5.1	5.0	4.9
7.5°	11.5	10.5	9.4	8.3	8.2	8.0	7.9	7.7	7.5	7.4	7.2
10°	15.3	13.9	12.5	11.0	10.8	10.6	10.4	10.1	9.8	9.6	9.4
12.5°	19.1	17.3	15.6	13.8	13.5	13.1	12.8	12.4	12.1	11.8	11.5
15°	22.8	20.8	18.7	16.5	16.1	15.6	15.1	14.7	14.3	14.0	13.6
17.5°	26.5	24.2	21.7	19.3	18.7	18.1	17.4	16.9	16.5	16.1	15.7
20°	30.3	27.5	24.8	22.0	21.3	20.5	19.7	19.2	18.7	18.2	17.8
22.5°	34.4	30.9	27.9	24.8	23.8	22.8	22.0	21.4	20.8	20.3	19.8
25°	41.3	37.4	34.4	31.3	30.5	29.5	28.7	28.0	27.1	26.2	25.1
27.5°	48.2	43.9	40.9	37.9	37.2	36.5	36.0	35.4	34.6	33.6	32.2
30°	54.9	50.2	47.4	44.4	44.1	43.5	43.4	43.1	42.1	41.0	38.9
32.5°	61.5	56.8	53.8	51.0	50.9	50.8	50.9	50.6	49.6	47.9	45.2
35°	67.9	63.2	60.1	57.5	57.8	58.1	58.5	58.2	57.2	54.5	51.2
37.5°	74.1	69.5	66.4	64.1	64.7	65.4	66.3	65.8	64.7	60.8	56.7
40°	80.2	75.8	72.7	70.6	71.7	72.9	74.1	73.4	71.3	66.8	61.8
42.5°	86.2	81.9	78.8	77.2	78.8	80.4	82.0	81.0	77.7	72.8	66.7
45°	92.2	87.9	85.0	83.7	85.8	88.0	89.7	88.7	84.0	77.9	71.2
47.5°	105.4	99.4	94.2	90.7	90.8	91.5	92.0	90.7	85.5	79.6	73.3
50°	119.9	111.5	103.7	97.6	95.6	94.6	93.5	91.1	85.3	79.1	73.0
52.5°	134.7	123.9	113.4	104.6	100.3	97.5	94.9	91.2	85.1	78.9	73.0
55°	149.8	136.5	123.1	111.5	104.8	100.1	96.1	91.3	84.9	78.8	73.4
57.5°	165.2	149.3	133.1	118.5	109.1	102.6	97.2	91.4	84.9	79.0	74.1
60°	180.9	162.4	143.1	125.4	113.4	104.8	98.1	91.6	85.1	79.5	75.4
62.5°	196.8	175.6	153.2	132.4	117.6	107.0	98.9	91.8	85.3	80.3	77.2
65°	212.9	189.0	163.5	139.3	121.7	108.9	99.7	92.0	85.7	81.3	79.3
67.5°	229.2	202.5	173.8	146.3	125.7	110.8	100.3	92.3	86.3	82.5	81.8
70°	231.0	202.8	173.3	145.5	124.7	109.8	99.4	91.6	85.8	82.5	82.6
72.5°	231.7	202.6	172.7	144.8	123.7	108.8	98.5	90.8	85.1	82.0	82.3
75°	232.3	202.3	173.0	144.0	122.7	107.9	97.6	90.1	84.5	81.6	81.9
77.5°	232.7	201.8	172.0	143.3	121.8	107.0	96.8	89.5	83.9	81.1	81.5
80°	233.0	202.2	170.9	142.5	120.9	106.2	96.0	89.0	83.4	80.7	81.0
82.5°	234.0	201.1	169.9	141.8	120.1	105.4	95.3	88.5	82.9	80.4	80.4
85°	233.5	200.0	168.9	141.0	119.3	104.7	94.7	88.1	82.5	80.0	79.9
87.5°	233.0	198.9	167.8	140.3	118.5	104.1	94.1	87.7	82.1	79.7	79.3
90°	232.5	197.8	166.8	139.5	117.8	103.5	93.6	87.4	81.8	79.4	78.7
92.5°	233.0	198.9	167.8	140.3	118.5	104.1	94.1	87.7	82.1	79.7	79.3
95°	233.5	200.0	168.9	141.0	119.3	104.7	94.7	88.1	82.5	80.0	79.9
97.5°	234.0	201.1	169.9	141.8	120.1	105.4	95.3	88.5	82.9	80.4	80.4
100°	233.0	202.2	170.9	142.5	120.9	106.2	96.0	89.0	83.4	80.7	81.0
102.5°	232.7	201.8	172.0	143.3	121.8	107.0	96.8	89.5	83.9	81.1	81.5
105°	232.3	202.3	173.0	144.0	122.7	107.9	97.6	90.1	84.5	81.6	81.9
107.5°	231.7	202.6	172.7	144.8	123.7	108.8	98.5	90.8	85.1	82.0	82.3
110°	231.0	202.8	173.3	145.5	124.7	109.8	99.4	91.6	85.8	82.5	82.6



TEST NUMBER: P232016

CATALOG NUMBER: FVS4WM-3-LD4-30-1LO-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°	229.2	202.5	173.8	146.3	125.7	110.8	100.3	92.3	86.3	82.5	81.8
115°	212.9	189.0	163.5	139.3	121.7	108.9	99.7	92.0	85.7	81.3	79.3
117.5°	196.8	175.6	153.2	132.4	117.6	107.0	98.9	91.8	85.3	80.3	77.2
120°	180.9	162.4	143.1	125.4	113.4	104.8	98.1	91.6	85.1	79.5	75.4
122.5°	165.2	149.3	133.1	118.5	109.1	102.6	97.2	91.4	84.9	79.0	74.1
125°	149.8	136.5	123.1	111.5	104.8	100.1	96.1	91.3	84.9	78.8	73.4
127.5°	134.7	123.9	113.4	104.6	100.3	97.5	94.9	91.2	85.1	78.9	73.0
130°	119.9	111.5	103.7	97.6	95.6	94.6	93.5	91.1	85.3	79.1	73.0
132.5°	105.4	99.4	94.2	90.7	90.8	91.5	92.0	90.7	85.5	79.6	73.3
135°	92.2	87.9	85.0	83.7	85.8	88.0	89.7	88.7	84.0	77.9	71.2
137.5°	86.2	81.9	78.8	77.2	78.8	80.4	82.0	81.0	77.7	72.8	66.7
140°	80.2	75.8	72.7	70.6	71.7	72.9	74.1	73.4	71.3	66.8	61.8
142.5°	74.1	69.5	66.4	64.1	64.7	65.4	66.3	65.8	64.7	60.8	56.7
145°	67.9	63.2	60.1	57.5	57.8	58.1	58.5	58.2	57.2	54.5	51.2
147.5°	61.5	56.8	53.8	51.0	50.9	50.8	50.9	50.6	49.6	47.9	45.2
150°	54.9	50.2	47.4	44.4	44.1	43.5	43.4	43.1	42.1	41.0	38.9
152.5°	48.2	43.9	40.9	37.9	37.2	36.5	36.0	35.4	34.6	33.6	32.2
155°	41.3	37.4	34.4	31.3	30.5	29.5	28.7	28.0	27.1	26.2	25.1
157.5°	34.4	30.9	27.9	24.8	23.8	22.8	22.0	21.4	20.8	20.3	19.8
160°	30.3	27.5	24.8	22.0	21.3	20.5	19.7	19.2	18.7	18.2	17.8
162.5°	26.5	24.2	21.7	19.3	18.7	18.1	17.4	16.9	16.5	16.1	15.7
165°	22.8	20.8	18.7	16.5	16.1	15.6	15.1	14.7	14.3	14.0	13.6
167.5°	19.1	17.3	15.6	13.8	13.5	13.1	12.8	12.4	12.1	11.8	11.5
170°	15.3	13.9	12.5	11.0	10.8	10.6	10.4	10.1	9.8	9.6	9.4
172.5°	11.5	10.5	9.4	8.3	8.2	8.0	7.9	7.7	7.5	7.4	7.2
175°	7.7	7.0	6.3	5.5	5.5	5.4	5.3	5.2	5.1	5.0	4.9
177.5°	3.9	3.5	3.1	2.8	2.7	2.7	2.7	2.7	2.6	2.6	2.5
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: P232016

CATALOG NUMBER: FVS4WM-3-LD4-30-1LO-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°	2.5	2.4	2.4	2.3	2.3	2.2	2.1	2.1	2.0	1.9	1.8
5°	4.8	4.7	4.6	4.4	4.3	4.2	4.0	3.9	3.7	3.6	3.4
7.5°	7.0	6.8	6.6	6.5	6.3	6.1	5.9	5.6	5.4	5.2	5.0
10°	9.1	8.9	8.7	8.4	8.1	7.9	7.6	7.4	7.1	6.8	6.5
12.5°	11.2	10.9	10.6	10.3	10.1	9.7	9.4	9.1	8.7	8.4	8.0
15°	13.3	12.9	12.6	12.3	11.9	11.5	11.1	10.7	10.3	9.8	9.3
17.5°	15.3	15.0	14.6	14.1	13.7	13.2	12.8	12.2	11.6	11.0	10.4
20°	17.4	16.9	16.4	15.9	15.4	14.8	14.1	13.5	12.8	12.1	11.5
22.5°	19.4	18.8	18.3	17.7	16.9	16.2	15.4	14.7	13.9	13.1	12.5
25°	23.7	22.3	20.8	19.2	18.3	17.5	16.6	15.7	15.0	14.3	13.6
27.5°	30.4	28.5	26.4	24.4	22.3	20.4	18.5	17.0	16.2	15.3	14.3
30°	36.6	34.1	31.5	29.0	26.6	24.4	22.4	20.5	18.5	16.5	15.1
32.5°	42.3	39.2	36.1	33.1	30.4	28.0	25.6	23.3	21.1	19.2	17.4
35°	47.5	43.8	40.1	36.7	33.9	31.1	28.3	25.8	23.6	21.5	19.9
37.5°	52.3	48.0	43.7	40.2	36.9	33.7	30.7	28.1	25.7	23.8	21.9
40°	56.7	51.7	47.2	43.3	39.6	36.0	32.9	30.1	27.8	25.5	23.4
42.5°	60.8	55.1	50.5	46.1	41.9	38.2	34.8	32.0	29.4	27.0	24.8
45°	64.6	58.6	53.4	48.6	44.1	40.0	36.7	33.7	30.8	28.2	25.9
47.5°	67.0	61.5	56.1	50.8	46.0	41.9	38.3	35.1	32.0	29.2	26.7
50°	67.1	62.4	57.9	53.2	48.3	43.7	39.8	36.3	33.0	30.1	27.4
52.5°	68.0	64.0	60.2	56.3	52.0	47.5	42.8	38.2	33.8	30.8	27.9
55°	69.4	66.3	63.3	60.1	56.0	51.4	46.3	41.2	36.7	32.4	28.5
57.5°	71.3	69.2	67.1	64.4	60.4	55.2	49.6	44.3	39.3	34.5	30.5
60°	73.6	72.6	71.5	68.9	64.6	58.9	52.8	47.1	41.5	36.5	32.3
62.5°	76.4	76.5	76.4	73.6	68.7	62.4	55.8	49.6	43.4	38.5	33.7
65°	79.7	80.9	81.7	78.6	72.8	65.8	58.8	51.8	45.4	40.2	35.0
67.5°	83.4	85.7	86.6	83.4	77.0	69.2	61.6	53.9	47.5	41.8	36.6
70°	85.1	88.6	90.3	87.5	80.8	72.5	64.3	55.8	49.5	43.4	38.1
72.5°	84.7	88.1	89.5	86.9	81.2	73.7	65.7	57.6	51.4	45.0	39.7
75°	84.1	87.6	89.0	86.8	81.5	74.2	66.0	58.1	51.4	45.4	40.4
77.5°	83.4	87.0	88.6	87.1	82.2	75.0	66.7	58.6	51.6	45.6	40.5
80°	82.6	86.4	88.4	87.7	83.3	76.1	67.5	59.2	51.9	45.9	40.7
82.5°	81.7	85.6	88.3	88.5	84.7	77.3	68.7	59.9	52.4	46.4	41.2
85°	80.7	84.9	88.2	89.6	86.3	78.8	70.1	60.7	53.1	47.0	41.9
87.5°	79.7	84.0	88.1	90.7	88.0	80.6	71.8	61.8	54.0	47.9	42.9
90°	78.7	83.1	88.0	91.8	89.9	82.5	73.8	63.2	55.2	49.0	44.0
92.5°	79.7	84.0	88.1	90.7	88.0	80.6	71.8	61.8	54.0	47.9	42.9
95°	80.7	84.9	88.2	89.6	86.3	78.8	70.1	60.7	53.1	47.0	41.9
97.5°	81.7	85.6	88.3	88.5	84.7	77.3	68.7	59.9	52.4	46.4	41.2
100°	82.6	86.4	88.4	87.7	83.3	76.1	67.5	59.2	51.9	45.9	40.7
102.5°	83.4	87.0	88.6	87.1	82.2	75.0	66.7	58.6	51.6	45.6	40.5
105°	84.1	87.6	89.0	86.8	81.5	74.2	66.0	58.1	51.4	45.4	40.4
107.5°	84.7	88.1	89.5	86.9	81.2	73.7	65.7	57.6	51.4	45.0	39.7
110°	85.1	88.6	90.3	87.5	80.8	72.5	64.3	55.8	49.5	43.4	38.1



TEST NUMBER: P232016

CATALOG NUMBER: FVS4WM-3-LD4-30-1LO-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
112.5°	83.4	85.7	86.6	83.4	77.0	69.2	61.6	53.9	47.5	41.8	36.6
115°	79.7	80.9	81.7	78.6	72.8	65.8	58.8	51.8	45.4	40.2	35.0
117.5°	76.4	76.5	76.4	73.6	68.7	62.4	55.8	49.6	43.4	38.5	33.7
120°	73.6	72.6	71.5	68.9	64.6	58.9	52.8	47.1	41.5	36.5	32.3
122.5°	71.3	69.2	67.1	64.4	60.4	55.2	49.6	44.3	39.3	34.5	30.5
125°	69.4	66.3	63.3	60.1	56.0	51.4	46.3	41.2	36.7	32.4	28.5
127.5°	68.0	64.0	60.2	56.3	52.0	47.5	42.8	38.2	33.8	30.8	27.9
130°	67.1	62.4	57.9	53.2	48.3	43.7	39.8	36.3	33.0	30.1	27.4
132.5°	67.0	61.5	56.1	50.8	46.0	41.9	38.3	35.1	32.0	29.2	26.7
135°	64.6	58.6	53.4	48.6	44.1	40.0	36.7	33.7	30.8	28.2	25.9
137.5°	60.8	55.1	50.5	46.1	41.9	38.2	34.8	32.0	29.4	27.0	24.8
140°	56.7	51.7	47.2	43.3	39.6	36.0	32.9	30.1	27.8	25.5	23.4
142.5°	52.3	48.0	43.7	40.2	36.9	33.7	30.7	28.1	25.7	23.8	21.9
145°	47.5	43.8	40.1	36.7	33.9	31.1	28.3	25.8	23.6	21.5	19.9
147.5°	42.3	39.2	36.1	33.1	30.4	28.0	25.6	23.3	21.1	19.2	17.4
150°	36.6	34.1	31.5	29.0	26.6	24.4	22.4	20.5	18.5	16.5	15.1
152.5°	30.4	28.5	26.4	24.4	22.3	20.4	18.5	17.0	16.2	15.3	14.3
155°	23.7	22.3	20.8	19.2	18.3	17.5	16.6	15.7	15.0	14.3	13.6
157.5°	19.4	18.8	18.3	17.7	16.9	16.2	15.4	14.7	13.9	13.1	12.5
160°	17.4	16.9	16.4	15.9	15.4	14.8	14.1	13.5	12.8	12.1	11.5
162.5°	15.3	15.0	14.6	14.1	13.7	13.2	12.8	12.2	11.6	11.0	10.4
165°	13.3	12.9	12.6	12.3	11.9	11.5	11.1	10.7	10.3	9.8	9.3
167.5°	11.2	10.9	10.6	10.3	10.1	9.7	9.4	9.1	8.7	8.4	8.0
170°	9.1	8.9	8.7	8.4	8.1	7.9	7.6	7.4	7.1	6.8	6.5
172.5°	7.0	6.8	6.6	6.5	6.3	6.1	5.9	5.6	5.4	5.2	5.0
175°	4.8	4.7	4.6	4.4	4.3	4.2	4.0	3.9	3.7	3.6	3.4
177.5°	2.5	2.4	2.4	2.3	2.3	2.2	2.1	2.1	2.0	1.9	1.8
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P232016

CATALOG NUMBER: FVS4WM-3-LD4-30-1LO-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°	1.7	1.6	1.5	1.5	1.4	1.3	1.2	1.1	1.0	0.9	0.7
5°	3.3	3.1	2.9	2.7	2.6	2.4	2.2	2.0	1.8	1.6	1.4
7.5°	4.7	4.5	4.3	4.0	3.7	3.5	3.2	2.9	2.6	2.4	2.1
10°	6.2	5.9	5.6	5.2	4.9	4.5	4.2	3.8	3.4	3.1	2.7
12.5°	7.6	7.2	6.8	6.3	5.9	5.5	5.0	4.6	4.1	3.7	3.2
15°	8.8	8.3	7.8	7.3	6.8	6.2	5.7	5.2	4.7	4.2	3.6
17.5°	9.9	9.3	8.7	8.1	7.5	6.9	6.4	5.8	5.2	4.7	4.1
20°	10.8	10.2	9.5	8.9	8.3	7.7	7.0	6.4	5.7	5.1	4.4
22.5°	11.8	11.2	10.5	9.7	9.0	8.2	7.5	6.8	6.1	5.5	4.8
25°	12.7	11.9	11.1	10.3	9.6	8.8	8.1	7.4	6.7	6.0	5.3
27.5°	13.4	12.6	11.8	11.1	10.3	9.7	9.0	8.2	7.4	6.6	5.8
30°	14.3	13.5	12.8	12.1	11.4	10.6	9.7	8.8	7.9	7.1	6.3
32.5°	16.0	14.7	14.0	13.1	12.1	11.2	10.4	9.6	8.7	7.8	6.8
35°	18.3	16.6	15.0	13.9	13.1	12.3	11.3	10.2	9.2	8.1	7.2
37.5°	20.0	18.2	16.8	15.4	14.0	12.9	11.8	10.9	9.9	8.9	7.8
40°	21.5	19.8	18.1	16.5	15.0	13.8	12.8	11.7	10.5	9.3	8.1
42.5°	22.8	20.8	19.0	17.5	16.1	14.7	13.4	12.2	10.9	9.7	8.5
45°	23.7	21.6	19.9	18.3	16.7	15.2	13.9	12.6	11.5	10.4	9.2
47.5°	24.4	22.3	20.5	18.7	17.0	15.4	14.2	13.3	12.3	10.7	9.2
50°	25.0	22.8	20.8	18.8	17.0	15.7	14.5	13.1	11.8	10.8	9.3
52.5°	25.4	23.1	20.8	18.7	17.2	15.6	14.0	12.7	11.6	10.5	9.2
55°	25.7	23.0	20.6	18.7	16.8	15.0	13.7	12.4	11.2	10.1	9.1
57.5°	26.7	22.9	20.5	18.3	16.3	14.7	13.4	12.1	10.9	9.8	8.7
60°	28.0	24.3	20.9	17.8	16.0	14.6	13.2	11.8	10.5	9.3	8.0
62.5°	29.4	25.6	21.9	18.9	16.3	14.5	12.8	11.4	10.1	8.8	7.6
65°	30.7	26.7	23.1	20.0	17.3	14.6	12.5	11.1	9.8	8.6	7.6
67.5°	32.0	27.8	24.2	21.0	18.0	15.2	13.1	11.0	9.8	8.7	7.0
70°	33.3	29.0	25.3	21.8	18.5	15.9	13.6	11.7	10.1	8.1	6.6
72.5°	34.6	30.4	26.3	22.5	19.2	16.5	14.1	12.1	9.9	7.9	6.3
75°	35.7	31.7	27.2	23.2	19.9	17.2	14.5	12.1	9.8	7.8	5.6
77.5°	35.9	31.8	27.6	23.9	20.7	17.8	14.7	12.1	9.7	7.0	4.9
80°	36.3	32.0	27.9	24.3	21.0	17.8	14.8	12.3	9.5	6.2	4.2
82.5°	36.9	32.5	28.5	24.7	21.3	17.7	14.7	12.0	8.8	5.7	3.3
85°	37.6	33.2	29.3	25.4	21.6	17.8	14.8	11.9	8.4	5.4	2.9
87.5°	38.6	34.1	30.4	26.2	22.1	18.1	15.0	12.0	8.3	5.4	2.8
90°	39.7	35.3	31.6	27.3	22.9	18.6	15.5	12.4	8.7	5.6	3.1
92.5°	38.6	34.1	30.4	26.2	22.1	18.1	15.0	12.0	8.3	5.4	2.8
95°	37.6	33.2	29.3	25.4	21.6	17.8	14.8	11.9	8.4	5.4	2.9
97.5°	36.9	32.5	28.5	24.7	21.3	17.7	14.7	12.0	8.8	5.7	3.3
100°	36.3	32.0	27.9	24.3	21.0	17.8	14.8	12.3	9.5	6.2	4.2
102.5°	35.9	31.8	27.6	23.9	20.7	17.8	14.7	12.1	9.7	7.0	4.9
105°	35.7	31.7	27.2	23.2	19.9	17.2	14.5	12.1	9.8	7.8	5.6
107.5°	34.6	30.4	26.3	22.5	19.2	16.5	14.1	12.1	9.9	7.9	6.3
110°	33.3	29.0	25.3	21.8	18.5	15.9	13.6	11.7	10.1	8.1	6.6



TEST NUMBER: P232016

CATALOG NUMBER: FVS4WM-3-LD4-30-1LO-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°	32.0	27.8	24.2	21.0	18.0	15.2	13.1	11.0	9.8	8.7	7.0
115°	30.7	26.7	23.1	20.0	17.3	14.6	12.5	11.1	9.8	8.6	7.6
117.5°	29.4	25.6	21.9	18.9	16.3	14.5	12.8	11.4	10.1	8.8	7.6
120°	28.0	24.3	20.9	17.8	16.0	14.6	13.2	11.8	10.5	9.3	8.0
122.5°	26.7	22.9	20.5	18.3	16.3	14.7	13.4	12.1	10.9	9.8	8.7
125°	25.7	23.0	20.6	18.7	16.8	15.0	13.7	12.4	11.2	10.1	9.1
127.5°	25.4	23.1	20.8	18.7	17.2	15.6	14.0	12.7	11.6	10.5	9.2
130°	25.0	22.8	20.8	18.8	17.0	15.7	14.5	13.1	11.8	10.8	9.3
132.5°	24.4	22.3	20.5	18.7	17.0	15.4	14.2	13.3	12.3	10.7	9.2
135°	23.7	21.6	19.9	18.3	16.7	15.2	13.9	12.6	11.5	10.4	9.2
137.5°	22.8	20.8	19.0	17.5	16.1	14.7	13.4	12.2	10.9	9.7	8.5
140°	21.5	19.8	18.1	16.5	15.0	13.8	12.8	11.7	10.5	9.3	8.1
142.5°	20.0	18.2	16.8	15.4	14.0	12.9	11.8	10.9	9.9	8.9	7.8
145°	18.3	16.6	15.0	13.9	13.1	12.3	11.3	10.2	9.2	8.1	7.2
147.5°	16.0	14.7	14.0	13.1	12.1	11.2	10.4	9.6	8.7	7.8	6.8
150°	14.3	13.5	12.8	12.1	11.4	10.6	9.7	8.8	7.9	7.1	6.3
152.5°	13.4	12.6	11.8	11.1	10.3	9.7	9.0	8.2	7.4	6.6	5.8
155°	12.7	11.9	11.1	10.3	9.6	8.8	8.1	7.4	6.7	6.0	5.3
157.5°	11.8	11.2	10.5	9.7	9.0	8.2	7.5	6.8	6.1	5.5	4.8
160°	10.8	10.2	9.5	8.9	8.3	7.7	7.0	6.4	5.7	5.1	4.4
162.5°	9.9	9.3	8.7	8.1	7.5	6.9	6.4	5.8	5.2	4.7	4.1
165°	8.8	8.3	7.8	7.3	6.8	6.2	5.7	5.2	4.7	4.2	3.6
167.5°	7.6	7.2	6.8	6.3	5.9	5.5	5.0	4.6	4.1	3.7	3.2
170°	6.2	5.9	5.6	5.2	4.9	4.5	4.2	3.8	3.4	3.1	2.7
172.5°	4.7	4.5	4.3	4.0	3.7	3.5	3.2	2.9	2.6	2.4	2.1
175°	3.3	3.1	2.9	2.7	2.6	2.4	2.2	2.0	1.8	1.6	1.4
177.5°	1.7	1.6	1.5	1.5	1.4	1.3	1.2	1.1	1.0	0.9	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: P232016

CATALOG NUMBER: FVS4WM-3-LD4-30-1LO-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°	0.6	0.5	0.4	0.3	0.2	0.1	0.0	0.1	0.2	0.3	0.4
5°	1.2	1.0	0.8	0.6	0.4	0.2	0.0	0.2	0.4	0.6	0.8
7.5°	1.8	1.5	1.2	0.9	0.6	0.3	0.0	0.3	0.6	0.9	1.2
10°	2.3	1.9	1.5	1.2	0.8	0.4	0.0	0.4	0.8	1.2	1.5
12.5°	2.7	2.3	1.8	1.4	0.9	0.5	0.0	0.5	0.9	1.4	1.8
15°	3.1	2.6	2.1	1.6	1.0	0.5	0.0	0.5	1.0	1.6	2.1
17.5°	3.5	2.9	2.3	1.8	1.2	0.6	0.0	0.6	1.2	1.8	2.3
20°	3.8	3.2	2.5	1.9	1.3	0.6	0.0	0.6	1.3	1.9	2.5
22.5°	4.1	3.4	2.7	2.1	1.4	0.7	0.0	0.7	1.4	2.1	2.7
25°	4.6	3.8	3.1	2.3	1.5	0.8	0.0	0.8	1.5	2.3	3.1
27.5°	5.0	4.1	3.3	2.5	1.7	0.8	0.0	0.8	1.7	2.5	3.3
30°	5.4	4.5	3.6	2.7	1.8	0.9	0.0	0.9	1.8	2.7	3.6
32.5°	5.8	4.8	3.9	2.9	1.9	1.0	0.0	1.0	1.9	2.9	3.9
35°	6.2	5.2	4.2	3.2	2.1	1.1	0.0	1.1	2.1	3.2	4.2
37.5°	6.7	5.6	4.4	3.3	2.2	1.1	0.0	1.1	2.2	3.3	4.4
40°	7.0	5.8	4.6	3.5	2.3	1.2	0.0	1.2	2.3	3.5	4.6
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°	7.8	6.4	5.1	3.8	2.5	1.2	0.0	1.2	2.5	3.8	5.1
47.5°	7.8	6.4	5.1	3.8	2.6	1.3	0.0	1.3	2.6	3.8	5.1
50°	7.9	6.5	5.1	3.8	2.5	1.2	0.0	1.2	2.5	3.8	5.1
52.5°	7.7	6.4	5.1	3.8	2.5	1.3	0.0	1.3	2.5	3.8	5.1
55°	7.9	6.4	5.0	3.6	2.4	1.2	0.0	1.2	2.4	3.6	5.0
57.5°	7.5	6.0	4.6	3.4	2.2	1.1	0.0	1.1	2.2	3.4	4.6
60°	6.9	5.6	4.4	3.3	2.2	1.1	0.0	1.1	2.2	3.3	4.4
62.5°	6.6	5.6	4.2	3.0	1.9	0.9	0.0	0.9	1.9	3.0	4.2
65°	6.2	4.9	3.6	2.5	1.6	0.7	0.0	0.7	1.6	2.5	3.6
67.5°	5.6	4.2	3.0	2.2	1.4	0.7	0.0	0.7	1.4	2.2	3.0
70°	5.1	3.8	2.7	1.7	1.1	0.8	0.6	0.8	1.1	1.7	2.7
72.5°	4.6	3.3	1.9	1.2	1.0	0.8	0.6	0.8	1.0	1.2	1.9
75°	4.2	2.7	1.7	1.1	0.8	0.6	0.6	0.6	0.8	1.1	1.7
77.5°	3.4	2.0	1.0	0.5	0.2	0.1	0.0	0.1	0.2	0.5	1.0
80°	2.3	1.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4
82.5°	1.5	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	1.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.8	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.8	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	1.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	1.5	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	2.3	1.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4
102.5°	3.4	2.0	1.0	0.5	0.2	0.1	0.0	0.1	0.2	0.5	1.0
105°	4.2	2.7	1.7	1.1	0.8	0.6	0.6	0.6	0.8	1.1	1.7
107.5°	4.6	3.3	1.9	1.2	1.0	0.8	0.6	0.8	1.0	1.2	1.9
110°	5.1	3.8	2.7	1.7	1.1	0.8	0.6	0.8	1.1	1.7	2.7



TEST NUMBER: P232016

CATALOG NUMBER: FVS4WM-3-LD4-30-1LO-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
112.5°	5.6	4.2	3.0	2.2	1.4	0.7	0.0	0.7	1.4	2.2	3.0
115°	6.2	4.9	3.6	2.5	1.6	0.7	0.0	0.7	1.6	2.5	3.6
117.5°	6.6	5.6	4.2	3.0	1.9	0.9	0.0	0.9	1.9	3.0	4.2
120°	6.9	5.6	4.4	3.3	2.2	1.1	0.0	1.1	2.2	3.3	4.4
122.5°	7.5	6.0	4.6	3.4	2.2	1.1	0.0	1.1	2.2	3.4	4.6
125°	7.9	6.4	5.0	3.6	2.4	1.2	0.0	1.2	2.4	3.6	5.0
127.5°	7.7	6.4	5.1	3.8	2.5	1.3	0.0	1.3	2.5	3.8	5.1
130°	7.9	6.5	5.1	3.8	2.5	1.2	0.0	1.2	2.5	3.8	5.1
132.5°	7.8	6.4	5.1	3.8	2.6	1.3	0.0	1.3	2.6	3.8	5.1
135°	7.8	6.4	5.1	3.8	2.5	1.2	0.0	1.2	2.5	3.8	5.1
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°	7.0	5.8	4.6	3.5	2.3	1.2	0.0	1.2	2.3	3.5	4.6
142.5°	6.7	5.6	4.4	3.3	2.2	1.1	0.0	1.1	2.2	3.3	4.4
145°	6.2	5.2	4.2	3.2	2.1	1.1	0.0	1.1	2.1	3.2	4.2
147.5°	5.8	4.8	3.9	2.9	1.9	1.0	0.0	1.0	1.9	2.9	3.9
150°	5.4	4.5	3.6	2.7	1.8	0.9	0.0	0.9	1.8	2.7	3.6
152.5°	5.0	4.1	3.3	2.5	1.7	0.8	0.0	0.8	1.7	2.5	3.3
155°	4.6	3.8	3.1	2.3	1.5	0.8	0.0	0.8	1.5	2.3	3.1
157.5°	4.1	3.4	2.7	2.1	1.4	0.7	0.0	0.7	1.4	2.1	2.7
160°	3.8	3.2	2.5	1.9	1.3	0.6	0.0	0.6	1.3	1.9	2.5
162.5°	3.5	2.9	2.3	1.8	1.2	0.6	0.0	0.6	1.2	1.8	2.3
165°	3.1	2.6	2.1	1.6	1.0	0.5	0.0	0.5	1.0	1.6	2.1
167.5°	2.7	2.3	1.8	1.4	0.9	0.5	0.0	0.5	0.9	1.4	1.8
170°	2.3	1.9	1.5	1.2	0.8	0.4	0.0	0.4	0.8	1.2	1.5
172.5°	1.8	1.5	1.2	0.9	0.6	0.3	0.0	0.3	0.6	0.9	1.2
175°	1.2	1.0	0.8	0.6	0.4	0.2	0.0	0.2	0.4	0.6	0.8
177.5°	0.6	0.5	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: P232016

CATALOG NUMBER: FVS4WM-3-LD4-30-1LO-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°	0.5	0.6	0.7	0.9	1.0	1.1	1.2	1.3	1.4	1.5	1.5
5°	1.0	1.2	1.4	1.6	1.8	2.0	2.2	2.4	2.6	2.7	2.9
7.5°	1.5	1.8	2.1	2.4	2.6	2.9	3.2	3.5	3.7	4.0	4.3
10°	1.9	2.3	2.7	3.1	3.4	3.8	4.2	4.5	4.9	5.2	5.6
12.5°	2.3	2.7	3.2	3.7	4.1	4.6	5.0	5.5	5.9	6.3	6.8
15°	2.6	3.1	3.6	4.2	4.7	5.2	5.7	6.2	6.8	7.3	7.8
17.5°	2.9	3.5	4.1	4.7	5.2	5.8	6.4	6.9	7.5	8.1	8.7
20°	3.2	3.8	4.4	5.1	5.7	6.4	7.0	7.7	8.3	8.9	9.5
22.5°	3.4	4.1	4.8	5.5	6.1	6.8	7.5	8.2	9.0	9.7	10.5
25°	3.8	4.6	5.3	6.0	6.7	7.4	8.1	8.8	9.6	10.3	11.1
27.5°	4.1	5.0	5.8	6.6	7.4	8.2	9.0	9.7	10.3	11.1	11.8
30°	4.5	5.4	6.3	7.1	7.9	8.8	9.7	10.6	11.4	12.1	12.8
32.5°	4.8	5.8	6.8	7.8	8.7	9.6	10.4	11.2	12.1	13.1	14.0
35°	5.2	6.2	7.2	8.1	9.2	10.2	11.3	12.3	13.1	13.9	15.0
37.5°	5.6	6.7	7.8	8.9	9.9	10.9	11.8	12.9	14.0	15.4	16.8
40°	5.8	7.0	8.1	9.3	10.5	11.7	12.8	13.8	15.0	16.5	18.1
42.5°	6.2	7.4	8.5	9.7	10.9	12.2	13.4	14.7	16.1	17.5	19.0
45°	6.4	7.8	9.2	10.4	11.5	12.6	13.9	15.2	16.7	18.3	19.9
47.5°	6.4	7.8	9.2	10.7	12.3	13.3	14.2	15.4	17.0	18.7	20.5
50°	6.5	7.9	9.3	10.8	11.8	13.1	14.5	15.7	17.0	18.8	20.8
52.5°	6.4	7.7	9.2	10.5	11.6	12.7	14.0	15.6	17.2	18.7	20.8
55°	6.4	7.9	9.1	10.1	11.2	12.4	13.7	15.0	16.8	18.7	20.6
57.5°	6.0	7.5	8.7	9.8	10.9	12.1	13.4	14.7	16.3	18.3	20.5
60°	5.6	6.9	8.0	9.3	10.5	11.8	13.2	14.6	16.0	17.8	20.9
62.5°	5.6	6.6	7.6	8.8	10.1	11.4	12.8	14.5	16.3	18.9	21.9
65°	4.9	6.2	7.6	8.6	9.8	11.1	12.5	14.6	17.3	20.0	23.1
67.5°	4.2	5.6	7.0	8.7	9.8	11.0	13.1	15.2	18.0	21.0	24.2
70°	3.8	5.1	6.6	8.1	10.1	11.7	13.6	15.9	18.5	21.8	25.3
72.5°	3.3	4.6	6.3	7.9	9.9	12.1	14.1	16.5	19.2	22.5	26.3
75°	2.7	4.2	5.6	7.8	9.8	12.1	14.5	17.2	19.9	23.2	27.2
77.5°	2.0	3.4	4.9	7.0	9.7	12.1	14.7	17.8	20.7	23.9	27.6
80°	1.1	2.3	4.2	6.2	9.5	12.3	14.8	17.8	21.0	24.3	27.9
82.5°	0.5	1.5	3.3	5.7	8.8	12.0	14.7	17.7	21.3	24.7	28.5
85°	0.2	1.1	2.9	5.4	8.4	11.9	14.8	17.8	21.6	25.4	29.3
87.5°	0.1	0.8	2.8	5.4	8.3	12.0	15.0	18.1	22.1	26.2	30.4
90°	0.0	0.6	3.1	5.6	8.7	12.4	15.5	18.6	22.9	27.3	31.6
92.5°	0.1	0.8	2.8	5.4	8.3	12.0	15.0	18.1	22.1	26.2	30.4
95°	0.2	1.1	2.9	5.4	8.4	11.9	14.8	17.8	21.6	25.4	29.3
97.5°	0.5	1.5	3.3	5.7	8.8	12.0	14.7	17.7	21.3	24.7	28.5
100°	1.1	2.3	4.2	6.2	9.5	12.3	14.8	17.8	21.0	24.3	27.9
102.5°	2.0	3.4	4.9	7.0	9.7	12.1	14.7	17.8	20.7	23.9	27.6
105°	2.7	4.2	5.6	7.8	9.8	12.1	14.5	17.2	19.9	23.2	27.2
107.5°	3.3	4.6	6.3	7.9	9.9	12.1	14.1	16.5	19.2	22.5	26.3
110°	3.8	5.1	6.6	8.1	10.1	11.7	13.6	15.9	18.5	21.8	25.3



TEST NUMBER: P232016

CATALOG NUMBER: FVS4WM-3-LD4-30-1LO-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°	4.2	5.6	7.0	8.7	9.8	11.0	13.1	15.2	18.0	21.0	24.2
115°	4.9	6.2	7.6	8.6	9.8	11.1	12.5	14.6	17.3	20.0	23.1
117.5°	5.6	6.6	7.6	8.8	10.1	11.4	12.8	14.5	16.3	18.9	21.9
120°	5.6	6.9	8.0	9.3	10.5	11.8	13.2	14.6	16.0	17.8	20.9
122.5°	6.0	7.5	8.7	9.8	10.9	12.1	13.4	14.7	16.3	18.3	20.5
125°	6.4	7.9	9.1	10.1	11.2	12.4	13.7	15.0	16.8	18.7	20.6
127.5°	6.4	7.7	9.2	10.5	11.6	12.7	14.0	15.6	17.2	18.7	20.8
130°	6.5	7.9	9.3	10.8	11.8	13.1	14.5	15.7	17.0	18.8	20.8
132.5°	6.4	7.8	9.2	10.7	12.3	13.3	14.2	15.4	17.0	18.7	20.5
135°	6.4	7.8	9.2	10.4	11.5	12.6	13.9	15.2	16.7	18.3	19.9
137.5°	6.2	7.4	8.5	9.7	10.9	12.2	13.4	14.7	16.1	17.5	19.0
140°	5.8	7.0	8.1	9.3	10.5	11.7	12.8	13.8	15.0	16.5	18.1
142.5°	5.6	6.7	7.8	8.9	9.9	10.9	11.8	12.9	14.0	15.4	16.8
145°	5.2	6.2	7.2	8.1	9.2	10.2	11.3	12.3	13.1	13.9	15.0
147.5°	4.8	5.8	6.8	7.8	8.7	9.6	10.4	11.2	12.1	13.1	14.0
150°	4.5	5.4	6.3	7.1	7.9	8.8	9.7	10.6	11.4	12.1	12.8
152.5°	4.1	5.0	5.8	6.6	7.4	8.2	9.0	9.7	10.3	11.1	11.8
155°	3.8	4.6	5.3	6.0	6.7	7.4	8.1	8.8	9.6	10.3	11.1
157.5°	3.4	4.1	4.8	5.5	6.1	6.8	7.5	8.2	9.0	9.7	10.5
160°	3.2	3.8	4.4	5.1	5.7	6.4	7.0	7.7	8.3	8.9	9.5
162.5°	2.9	3.5	4.1	4.7	5.2	5.8	6.4	6.9	7.5	8.1	8.7
165°	2.6	3.1	3.6	4.2	4.7	5.2	5.7	6.2	6.8	7.3	7.8
167.5°	2.3	2.7	3.2	3.7	4.1	4.6	5.0	5.5	5.9	6.3	6.8
170°	1.9	2.3	2.7	3.1	3.4	3.8	4.2	4.5	4.9	5.2	5.6
172.5°	1.5	1.8	2.1	2.4	2.6	2.9	3.2	3.5	3.7	4.0	4.3
175°	1.0	1.2	1.4	1.6	1.8	2.0	2.2	2.4	2.6	2.7	2.9
177.5°	0.5	0.6	0.7	0.9	1.0	1.1	1.2	1.3	1.4	1.5	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: P232016

CATALOG NUMBER: FVS4WM-3-LD4-30-1LO-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°	1.6	1.7	1.8	1.9	2.0	2.1	2.1	2.2	2.3	2.3	2.4
5°	3.1	3.3	3.4	3.6	3.7	3.9	4.0	4.2	4.3	4.4	4.6
7.5°	4.5	4.7	5.0	5.2	5.4	5.6	5.9	6.1	6.3	6.5	6.6
10°	5.9	6.2	6.5	6.8	7.1	7.4	7.6	7.9	8.1	8.4	8.7
12.5°	7.2	7.6	8.0	8.4	8.7	9.1	9.4	9.7	10.1	10.3	10.6
15°	8.3	8.8	9.3	9.8	10.3	10.7	11.1	11.5	11.9	12.3	12.6
17.5°	9.3	9.9	10.4	11.0	11.6	12.2	12.8	13.2	13.7	14.1	14.6
20°	10.2	10.8	11.5	12.1	12.8	13.5	14.1	14.8	15.4	15.9	16.4
22.5°	11.2	11.8	12.5	13.1	13.9	14.7	15.4	16.2	16.9	17.7	18.3
25°	11.9	12.7	13.6	14.3	15.0	15.7	16.6	17.5	18.3	19.2	20.8
27.5°	12.6	13.4	14.3	15.3	16.2	17.0	18.5	20.4	22.3	24.4	26.4
30°	13.5	14.3	15.1	16.5	18.5	20.5	22.4	24.4	26.6	29.0	31.5
32.5°	14.7	16.0	17.4	19.2	21.1	23.3	25.6	28.0	30.4	33.1	36.1
35°	16.6	18.3	19.9	21.5	23.6	25.8	28.3	31.1	33.9	36.7	40.1
37.5°	18.2	20.0	21.9	23.8	25.7	28.1	30.7	33.7	36.9	40.2	43.7
40°	19.8	21.5	23.4	25.5	27.8	30.1	32.9	36.0	39.6	43.3	47.2
42.5°	20.8	22.8	24.8	27.0	29.4	32.0	34.8	38.2	41.9	46.1	50.5
45°	21.6	23.7	25.9	28.2	30.8	33.7	36.7	40.0	44.1	48.6	53.4
47.5°	22.3	24.4	26.7	29.2	32.0	35.1	38.3	41.9	46.0	50.8	56.1
50°	22.8	25.0	27.4	30.1	33.0	36.3	39.8	43.7	48.3	53.2	57.9
52.5°	23.1	25.4	27.9	30.8	33.8	38.2	42.8	47.5	52.0	56.3	60.2
55°	23.0	25.7	28.5	32.4	36.7	41.2	46.3	51.4	56.0	60.1	63.3
57.5°	22.9	26.7	30.5	34.5	39.3	44.3	49.6	55.2	60.4	64.4	67.1
60°	24.3	28.0	32.3	36.5	41.5	47.1	52.8	58.9	64.6	68.9	71.5
62.5°	25.6	29.4	33.7	38.5	43.4	49.6	55.8	62.4	68.7	73.6	76.4
65°	26.7	30.7	35.0	40.2	45.4	51.8	58.8	65.8	72.8	78.6	81.7
67.5°	27.8	32.0	36.6	41.8	47.5	53.9	61.6	69.2	77.0	83.4	86.6
70°	29.0	33.3	38.1	43.4	49.5	55.8	64.3	72.5	80.8	87.5	90.3
72.5°	30.4	34.6	39.7	45.0	51.4	57.6	65.7	73.7	81.2	86.9	89.5
75°	31.7	35.7	40.4	45.4	51.4	58.1	66.0	74.2	81.5	86.8	89.0
77.5°	31.8	35.9	40.5	45.6	51.6	58.6	66.7	75.0	82.2	87.1	88.6
80°	32.0	36.3	40.7	45.9	51.9	59.2	67.5	76.1	83.3	87.7	88.4
82.5°	32.5	36.9	41.2	46.4	52.4	59.9	68.7	77.3	84.7	88.5	88.3
85°	33.2	37.6	41.9	47.0	53.1	60.7	70.1	78.8	86.3	89.6	88.2
87.5°	34.1	38.6	42.9	47.9	54.0	61.8	71.8	80.6	88.0	90.7	88.1
90°	35.3	39.7	44.0	49.0	55.2	63.2	73.8	82.5	89.9	91.8	88.0
92.5°	34.1	38.6	42.9	47.9	54.0	61.8	71.8	80.6	88.0	90.7	88.1
95°	33.2	37.6	41.9	47.0	53.1	60.7	70.1	78.8	86.3	89.6	88.2
97.5°	32.5	36.9	41.2	46.4	52.4	59.9	68.7	77.3	84.7	88.5	88.3
100°	32.0	36.3	40.7	45.9	51.9	59.2	67.5	76.1	83.3	87.7	88.4
102.5°	31.8	35.9	40.5	45.6	51.6	58.6	66.7	75.0	82.2	87.1	88.6
105°	31.7	35.7	40.4	45.4	51.4	58.1	66.0	74.2	81.5	86.8	89.0
107.5°	30.4	34.6	39.7	45.0	51.4	57.6	65.7	73.7	81.2	86.9	89.5
110°	29.0	33.3	38.1	43.4	49.5	55.8	64.3	72.5	80.8	87.5	90.3



TEST NUMBER: P232016

CATALOG NUMBER: FVS4WM-3-LD4-30-1LO-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
112.5°	27.8	32.0	36.6	41.8	47.5	53.9	61.6	69.2	77.0	83.4	86.6
115°	26.7	30.7	35.0	40.2	45.4	51.8	58.8	65.8	72.8	78.6	81.7
117.5°	25.6	29.4	33.7	38.5	43.4	49.6	55.8	62.4	68.7	73.6	76.4
120°	24.3	28.0	32.3	36.5	41.5	47.1	52.8	58.9	64.6	68.9	71.5
122.5°	22.9	26.7	30.5	34.5	39.3	44.3	49.6	55.2	60.4	64.4	67.1
125°	23.0	25.7	28.5	32.4	36.7	41.2	46.3	51.4	56.0	60.1	63.3
127.5°	23.1	25.4	27.9	30.8	33.8	38.2	42.8	47.5	52.0	56.3	60.2
130°	22.8	25.0	27.4	30.1	33.0	36.3	39.8	43.7	48.3	53.2	57.9
132.5°	22.3	24.4	26.7	29.2	32.0	35.1	38.3	41.9	46.0	50.8	56.1
135°	21.6	23.7	25.9	28.2	30.8	33.7	36.7	40.0	44.1	48.6	53.4
137.5°	20.8	22.8	24.8	27.0	29.4	32.0	34.8	38.2	41.9	46.1	50.5
140°	19.8	21.5	23.4	25.5	27.8	30.1	32.9	36.0	39.6	43.3	47.2
142.5°	18.2	20.0	21.9	23.8	25.7	28.1	30.7	33.7	36.9	40.2	43.7
145°	16.6	18.3	19.9	21.5	23.6	25.8	28.3	31.1	33.9	36.7	40.1
147.5°	14.7	16.0	17.4	19.2	21.1	23.3	25.6	28.0	30.4	33.1	36.1
150°	13.5	14.3	15.1	16.5	18.5	20.5	22.4	24.4	26.6	29.0	31.5
152.5°	12.6	13.4	14.3	15.3	16.2	17.0	18.5	20.4	22.3	24.4	26.4
155°	11.9	12.7	13.6	14.3	15.0	15.7	16.6	17.5	18.3	19.2	20.8
157.5°	11.2	11.8	12.5	13.1	13.9	14.7	15.4	16.2	16.9	17.7	18.3
160°	10.2	10.8	11.5	12.1	12.8	13.5	14.1	14.8	15.4	15.9	16.4
162.5°	9.3	9.9	10.4	11.0	11.6	12.2	12.8	13.2	13.7	14.1	14.6
165°	8.3	8.8	9.3	9.8	10.3	10.7	11.1	11.5	11.9	12.3	12.6
167.5°	7.2	7.6	8.0	8.4	8.7	9.1	9.4	9.7	10.1	10.3	10.6
170°	5.9	6.2	6.5	6.8	7.1	7.4	7.6	7.9	8.1	8.4	8.7
172.5°	4.5	4.7	5.0	5.2	5.4	5.6	5.9	6.1	6.3	6.5	6.6
175°	3.1	3.3	3.4	3.6	3.7	3.9	4.0	4.2	4.3	4.4	4.6
177.5°	1.6	1.7	1.8	1.9	2.0	2.1	2.1	2.2	2.3	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: P232016

CATALOG NUMBER: FVS4WM-3-LD4-30-1LO-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°	2.4	2.5	2.5	2.6	2.6	2.7	2.7	2.7	2.7	2.8	3.1
5°	4.7	4.8	4.9	5.0	5.1	5.2	5.3	5.4	5.5	5.5	6.3
7.5°	6.8	7.0	7.2	7.4	7.5	7.7	7.9	8.0	8.2	8.3	9.4
10°	8.9	9.1	9.4	9.6	9.8	10.1	10.4	10.6	10.8	11.0	12.5
12.5°	10.9	11.2	11.5	11.8	12.1	12.4	12.8	13.1	13.5	13.8	15.6
15°	12.9	13.3	13.6	14.0	14.3	14.7	15.1	15.6	16.1	16.5	18.7
17.5°	15.0	15.3	15.7	16.1	16.5	16.9	17.4	18.1	18.7	19.3	21.7
20°	16.9	17.4	17.8	18.2	18.7	19.2	19.7	20.5	21.3	22.0	24.8
22.5°	18.8	19.4	19.8	20.3	20.8	21.4	22.0	22.8	23.8	24.8	27.9
25°	22.3	23.7	25.1	26.2	27.1	28.0	28.7	29.5	30.5	31.3	34.4
27.5°	28.5	30.4	32.2	33.6	34.6	35.4	36.0	36.5	37.2	37.9	40.9
30°	34.1	36.6	38.9	41.0	42.1	43.1	43.4	43.5	44.1	44.4	47.4
32.5°	39.2	42.3	45.2	47.9	49.6	50.6	50.9	50.8	50.9	51.0	53.8
35°	43.8	47.5	51.2	54.5	57.2	58.2	58.5	58.1	57.8	57.5	60.1
37.5°	48.0	52.3	56.7	60.8	64.7	65.8	66.3	65.4	64.7	64.1	66.4
40°	51.7	56.7	61.8	66.8	71.3	73.4	74.1	72.9	71.7	70.6	72.7
42.5°	55.1	60.8	66.7	72.8	77.7	81.0	82.0	80.4	78.8	77.2	78.8
45°	58.6	64.6	71.2	77.9	84.0	88.7	89.7	88.0	85.8	83.7	85.0
47.5°	61.5	67.0	73.3	79.6	85.5	90.7	92.0	91.5	90.8	90.7	94.2
50°	62.4	67.1	73.0	79.1	85.3	91.1	93.5	94.6	95.6	97.6	103.7
52.5°	64.0	68.0	73.0	78.9	85.1	91.2	94.9	97.5	100.3	104.6	113.4
55°	66.3	69.4	73.4	78.8	84.9	91.3	96.1	100.1	104.8	111.5	123.1
57.5°	69.2	71.3	74.1	79.0	84.9	91.4	97.2	102.6	109.1	118.5	133.1
60°	72.6	73.6	75.4	79.5	85.1	91.6	98.1	104.8	113.4	125.4	143.1
62.5°	76.5	76.4	77.2	80.3	85.3	91.8	98.9	107.0	117.6	132.4	153.2
65°	80.9	79.7	79.3	81.3	85.7	92.0	99.7	108.9	121.7	139.3	163.5
67.5°	85.7	83.4	81.8	82.5	86.3	92.3	100.3	110.8	125.7	146.3	173.8
70°	88.6	85.1	82.6	82.5	85.8	91.6	99.4	109.8	124.7	145.5	173.3
72.5°	88.1	84.7	82.3	82.0	85.1	90.8	98.5	108.8	123.7	144.8	172.7
75°	87.6	84.1	81.9	81.6	84.5	90.1	97.6	107.9	122.7	144.0	173.0
77.5°	87.0	83.4	81.5	81.1	83.9	89.5	96.8	107.0	121.8	143.3	172.0
80°	86.4	82.6	81.0	80.7	83.4	89.0	96.0	106.2	120.9	142.5	170.9
82.5°	85.6	81.7	80.4	80.4	82.9	88.5	95.3	105.4	120.1	141.8	169.9
85°	84.9	80.7	79.9	80.0	82.5	88.1	94.7	104.7	119.3	141.0	168.9
87.5°	84.0	79.7	79.3	79.7	82.1	87.7	94.1	104.1	118.5	140.3	167.8
90°	83.1	78.7	78.7	79.4	81.8	87.4	93.6	103.5	117.8	139.5	166.8
92.5°	84.0	79.7	79.3	79.7	82.1	87.7	94.1	104.1	118.5	140.3	167.8
95°	84.9	80.7	79.9	80.0	82.5	88.1	94.7	104.7	119.3	141.0	168.9
97.5°	85.6	81.7	80.4	80.4	82.9	88.5	95.3	105.4	120.1	141.8	169.9
100°	86.4	82.6	81.0	80.7	83.4	89.0	96.0	106.2	120.9	142.5	170.9
102.5°	87.0	83.4	81.5	81.1	83.9	89.5	96.8	107.0	121.8	143.3	172.0
105°	87.6	84.1	81.9	81.6	84.5	90.1	97.6	107.9	122.7	144.0	173.0
107.5°	88.1	84.7	82.3	82.0	85.1	90.8	98.5	108.8	123.7	144.8	172.7
110°	88.6	85.1	82.6	82.5	85.8	91.6	99.4	109.8	124.7	145.5	173.3



TEST NUMBER: P232016

CATALOG NUMBER: FVS4WM-3-LD4-30-1LO-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°	85.7	83.4	81.8	82.5	86.3	92.3	100.3	110.8	125.7	146.3	173.8
115°	80.9	79.7	79.3	81.3	85.7	92.0	99.7	108.9	121.7	139.3	163.5
117.5°	76.5	76.4	77.2	80.3	85.3	91.8	98.9	107.0	117.6	132.4	153.2
120°	72.6	73.6	75.4	79.5	85.1	91.6	98.1	104.8	113.4	125.4	143.1
122.5°	69.2	71.3	74.1	79.0	84.9	91.4	97.2	102.6	109.1	118.5	133.1
125°	66.3	69.4	73.4	78.8	84.9	91.3	96.1	100.1	104.8	111.5	123.1
127.5°	64.0	68.0	73.0	78.9	85.1	91.2	94.9	97.5	100.3	104.6	113.4
130°	62.4	67.1	73.0	79.1	85.3	91.1	93.5	94.6	95.6	97.6	103.7
132.5°	61.5	67.0	73.3	79.6	85.5	90.7	92.0	91.5	90.8	90.7	94.2
135°	58.6	64.6	71.2	77.9	84.0	88.7	89.7	88.0	85.8	83.7	85.0
137.5°	55.1	60.8	66.7	72.8	77.7	81.0	82.0	80.4	78.8	77.2	78.8
140°	51.7	56.7	61.8	66.8	71.3	73.4	74.1	72.9	71.7	70.6	72.7
142.5°	48.0	52.3	56.7	60.8	64.7	65.8	66.3	65.4	64.7	64.1	66.4
145°	43.8	47.5	51.2	54.5	57.2	58.2	58.5	58.1	57.8	57.5	60.1
147.5°	39.2	42.3	45.2	47.9	49.6	50.6	50.9	50.8	50.9	51.0	53.8
150°	34.1	36.6	38.9	41.0	42.1	43.1	43.4	43.5	44.1	44.4	47.4
152.5°	28.5	30.4	32.2	33.6	34.6	35.4	36.0	36.5	37.2	37.9	40.9
155°	22.3	23.7	25.1	26.2	27.1	28.0	28.7	29.5	30.5	31.3	34.4
157.5°	18.8	19.4	19.8	20.3	20.8	21.4	22.0	22.8	23.8	24.8	27.9
160°	16.9	17.4	17.8	18.2	18.7	19.2	19.7	20.5	21.3	22.0	24.8
162.5°	15.0	15.3	15.7	16.1	16.5	16.9	17.4	18.1	18.7	19.3	21.7
165°	12.9	13.3	13.6	14.0	14.3	14.7	15.1	15.6	16.1	16.5	18.7
167.5°	10.9	11.2	11.5	11.8	12.1	12.4	12.8	13.1	13.5	13.8	15.6
170°	8.9	9.1	9.4	9.6	9.8	10.1	10.4	10.6	10.8	11.0	12.5
172.5°	6.8	7.0	7.2	7.4	7.5	7.7	7.9	8.0	8.2	8.3	9.4
175°	4.7	4.8	4.9	5.0	5.1	5.2	5.3	5.4	5.5	5.5	6.3
177.5°	2.4	2.5	2.5	2.6	2.6	2.7	2.7	2.7	2.7	2.8	3.1
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P232016

CATALOG NUMBER: FVS4WM-3-LD4-30-1LO-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°	3.5	3.9	4.2	4.6	4.9	5.2	5.5	5.9	6.1	6.4	6.7
5°	7.0	7.7	8.4	9.1	9.8	10.4	11.0	11.7	12.2	12.8	13.4
7.5°	10.5	11.5	12.6	13.6	14.6	15.5	16.5	17.7	18.8	19.9	20.9
10°	13.9	15.3	16.7	18.0	19.4	21.1	22.7	24.2	25.7	27.2	28.6
12.5°	17.3	19.1	20.8	22.6	24.8	26.9	28.9	30.9	32.7	34.5	36.1
15°	20.8	22.8	24.9	27.6	30.2	32.8	35.3	37.5	39.7	41.7	44.0
17.5°	24.2	26.5	29.5	32.7	35.8	38.7	41.4	44.1	46.6	49.0	51.2
20°	27.5	30.3	34.1	37.7	41.3	44.5	47.6	50.6	53.5	56.2	58.7
22.5°	30.9	34.4	38.7	42.9	46.7	50.3	53.8	57.2	60.4	63.3	65.6
25°	37.4	41.3	45.6	49.8	53.6	57.3	60.8	64.3	67.4	69.7	72.2
27.5°	43.9	48.2	52.6	56.8	60.9	64.8	68.5	72.1	74.7	77.2	78.2
30°	50.2	54.9	59.5	63.8	68.2	72.0	76.0	79.1	81.9	83.4	84.3
32.5°	56.8	61.5	66.1	70.5	74.8	79.1	82.8	85.9	88.2	89.4	90.5
35°	63.2	67.9	72.5	77.1	81.5	86.1	89.4	92.5	94.2	95.6	96.7
37.5°	69.5	74.1	78.8	83.5	88.0	92.2	95.8	98.4	100.6	101.8	103.2
40°	75.8	80.2	85.0	89.7	94.3	98.4	102.0	104.5	106.5	108.0	110.0
42.5°	81.9	86.2	91.1	95.8	100.5	104.5	107.9	110.8	112.5	114.4	116.5
45°	87.9	92.2	97.0	101.8	106.3	110.5	113.9	116.7	118.5	120.6	123.1
47.5°	99.4	105.4	111.3	115.1	118.1	120.4	122.2	123.1	124.5	126.7	129.4
50°	111.5	119.9	127.6	131.3	133.4	134.6	135.3	135.3	135.7	136.5	137.7
52.5°	123.9	134.7	143.6	147.4	148.3	148.1	147.6	147.1	147.5	148.7	150.8
55°	136.5	149.8	159.6	162.9	162.7	161.0	159.5	158.9	159.3	160.7	163.8
57.5°	149.3	165.2	175.5	178.0	176.6	173.3	171.1	170.4	171.2	173.2	176.8
60°	162.4	180.9	191.3	192.8	189.9	185.1	182.3	181.9	183.0	185.8	190.3
62.5°	175.6	196.8	207.1	207.3	202.7	196.8	193.4	193.2	194.8	198.3	203.7
65°	189.0	212.9	222.8	221.5	215.1	208.3	204.8	204.6	206.5	210.7	216.6
67.5°	202.5	229.2	238.4	235.6	227.3	219.6	216.1	216.2	218.6	223.2	229.1
70°	202.8	231.0	242.2	241.9	234.5	227.5	224.9	226.1	229.7	235.3	241.3
72.5°	202.6	231.7	244.7	247.0	239.9	233.3	231.3	233.3	237.7	243.5	250.2
75°	202.3	232.3	247.3	252.5	245.6	239.2	237.8	240.6	245.6	251.5	258.5
77.5°	201.8	232.7	250.2	258.3	251.3	245.1	244.2	247.9	253.3	259.4	266.7
80°	202.2	233.0	253.2	264.5	257.2	251.1	250.7	255.2	260.9	267.0	274.8
82.5°	201.1	234.0	257.0	270.7	263.3	257.2	257.1	262.5	268.4	274.4	282.6
85°	200.0	233.5	259.6	277.4	269.3	263.2	263.6	270.0	275.8	281.7	290.3
87.5°	198.9	233.0	262.2	283.5	275.7	269.6	270.1	277.0	283.1	288.9	297.9
90°	197.8	232.5	264.8	289.6	282.1	275.9	276.5	284.0	290.2	295.8	305.1
92.5°	198.9	233.0	262.2	283.5	275.7	269.6	270.1	277.0	283.1	288.9	297.9
95°	200.0	233.5	259.6	277.4	269.3	263.2	263.6	270.0	275.8	281.7	290.3
97.5°	201.1	234.0	257.0	270.7	263.3	257.2	257.1	262.5	268.4	274.4	282.6
100°	202.2	233.0	253.2	264.5	257.2	251.1	250.7	255.2	260.9	267.0	274.8
102.5°	201.8	232.7	250.2	258.3	251.3	245.1	244.2	247.9	253.3	259.4	266.7
105°	202.3	232.3	247.3	252.5	245.6	239.2	237.8	240.6	245.6	251.5	258.5
107.5°	202.6	231.7	244.7	247.0	239.9	233.3	231.3	233.3	237.7	243.5	250.2
110°	202.8	231.0	242.2	241.9	234.5	227.5	224.9	226.1	229.7	235.3	241.3



TEST NUMBER: P232016

CATALOG NUMBER: FVS4WM-3-LD4-30-1LO-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
112.5°	202.5	229.2	238.4	235.6	227.3	219.6	216.1	216.2	218.6	223.2	229.1
115°	189.0	212.9	222.8	221.5	215.1	208.3	204.8	204.6	206.5	210.7	216.6
117.5°	175.6	196.8	207.1	207.3	202.7	196.8	193.4	193.2	194.8	198.3	203.7
120°	162.4	180.9	191.3	192.8	189.9	185.1	182.3	181.9	183.0	185.8	190.3
122.5°	149.3	165.2	175.5	178.0	176.6	173.3	171.1	170.4	171.2	173.2	176.8
125°	136.5	149.8	159.6	162.9	162.7	161.0	159.5	158.9	159.3	160.7	163.8
127.5°	123.9	134.7	143.6	147.4	148.3	148.1	147.6	147.1	147.5	148.7	150.8
130°	111.5	119.9	127.6	131.3	133.4	134.6	135.3	135.3	135.7	136.5	137.7
132.5°	99.4	105.4	111.3	115.2	118.1	120.4	122.2	123.1	124.5	126.7	129.4
135°	87.9	92.2	97.0	101.8	106.3	110.5	113.9	116.7	118.5	120.6	123.1
137.5°	81.9	86.2	91.1	95.8	100.5	104.5	107.9	110.8	112.5	114.4	116.5
140°	75.8	80.2	85.0	89.7	94.3	98.4	102.0	104.5	106.5	108.0	110.0
142.5°	69.5	74.1	78.8	83.5	88.0	92.2	95.8	98.4	100.6	101.8	103.2
145°	63.2	67.9	72.5	77.1	81.5	86.1	89.4	92.5	94.2	95.6	96.7
147.5°	56.8	61.5	66.1	70.5	74.8	79.1	82.8	85.9	88.2	89.4	90.5
150°	50.2	54.9	59.5	63.8	68.2	72.0	76.0	79.1	81.9	83.4	84.3
152.5°	43.9	48.2	52.6	56.8	60.9	64.8	68.5	72.1	74.7	77.2	78.2
155°	37.4	41.3	45.6	49.8	53.6	57.3	60.8	64.3	67.4	69.7	72.2
157.5°	30.9	34.4	38.7	42.9	46.7	50.3	53.8	57.2	60.4	63.3	65.6
160°	27.5	30.3	34.1	37.7	41.3	44.5	47.6	50.6	53.5	56.2	58.7
162.5°	24.2	26.5	29.5	32.7	35.8	38.7	41.4	44.1	46.6	49.0	51.2
165°	20.8	22.8	24.9	27.6	30.2	32.8	35.3	37.5	39.7	41.7	44.0
167.5°	17.3	19.1	20.8	22.6	24.8	26.9	28.9	30.9	32.7	34.5	36.1
170°	13.9	15.3	16.7	18.0	19.4	21.1	22.7	24.2	25.7	27.2	28.6
172.5°	10.5	11.5	12.6	13.6	14.6	15.5	16.5	17.7	18.8	19.9	20.9
175°	7.0	7.7	8.4	9.1	9.8	10.4	11.0	11.7	12.2	12.8	13.4
177.5°	3.5	3.9	4.2	4.6	4.9	5.2	5.5	5.9	6.1	6.4	6.7
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P232016

CATALOG NUMBER: FVS4WM-3-LD4-30-1LO-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°	7.0	7.2	7.4	7.7	7.9	8.1	8.2	8.4	8.5	8.7	8.8
5°	14.0	14.6	15.2	15.7	16.2	16.7	17.2	17.6	17.9	18.2	18.5
7.5°	21.8	22.8	23.7	24.5	25.2	25.9	26.6	27.2	27.7	28.2	28.6
10°	29.8	31.0	32.1	33.2	34.2	35.1	36.0	36.7	37.3	37.8	38.3
12.5°	37.7	39.2	40.6	41.8	42.9	44.0	44.9	45.8	46.5	47.1	47.7
15°	45.5	47.2	48.8	50.3	51.6	52.7	53.7	54.6	55.4	56.2	56.9
17.5°	53.3	55.5	56.9	58.3	59.7	61.0	62.1	63.2	64.3	65.3	66.4
20°	60.8	62.6	64.4	65.9	67.1	68.3	69.6	70.9	72.4	74.0	75.5
22.5°	67.8	69.6	70.7	71.9	73.2	74.7	76.4	78.1	80.0	82.5	85.0
25°	73.6	74.6	75.8	77.0	78.6	80.2	82.9	85.7	88.5	91.6	94.9
27.5°	78.8	79.2	79.7	81.1	83.7	86.7	90.1	93.4	97.2	101.0	105.0
30°	85.0	85.6	86.4	88.3	90.0	92.9	97.0	101.2	105.9	110.5	115.4
32.5°	91.3	92.6	94.6	96.7	99.5	102.3	105.5	109.0	114.5	121.1	127.6
35°	98.1	100.2	102.7	105.7	108.9	112.5	116.0	121.3	126.2	134.3	144.7
37.5°	105.4	107.8	111.0	114.5	118.4	123.2	129.1	135.8	145.4	155.6	165.5
40°	112.4	115.5	119.1	123.3	128.9	135.4	144.5	155.1	166.9	179.2	191.4
42.5°	119.5	123.0	127.4	133.2	140.3	150.7	162.1	176.2	191.1	204.6	218.9
45°	126.2	130.6	136.1	143.8	154.6	166.7	182.4	198.0	214.2	231.0	249.1
47.5°	133.2	137.8	145.9	156.3	169.0	185.7	202.7	220.2	239.6	259.9	280.0
50°	140.3	146.9	156.1	169.3	186.0	204.1	222.9	244.1	267.6	289.2	311.2
52.5°	154.1	160.4	170.2	183.6	203.6	222.3	244.4	269.9	293.8	318.3	342.9
55°	168.8	176.3	187.7	203.5	221.2	241.0	266.9	293.8	320.3	346.6	373.7
57.5°	183.0	192.1	205.1	221.8	240.1	264.0	290.2	317.8	345.5	373.7	402.8
60°	197.0	206.7	221.6	238.9	259.6	284.6	312.1	340.4	368.9	398.1	429.1
62.5°	211.1	221.7	236.7	254.4	277.6	303.6	331.7	360.6	389.0	418.9	452.4
65°	224.2	235.7	251.0	270.0	293.6	320.1	349.4	377.2	405.9	437.4	474.5
67.5°	236.4	248.4	264.0	284.1	308.1	335.3	364.2	390.6	419.4	455.1	502.4
70°	248.4	260.0	275.7	296.4	320.4	348.7	375.2	401.4	432.2	472.0	528.7
72.5°	258.8	271.0	286.7	307.1	330.9	361.5	383.5	409.2	443.0	490.9	549.7
75°	268.3	280.5	295.1	314.0	338.1	365.7	389.1	415.2	450.8	505.4	566.3
77.5°	277.5	288.9	301.7	319.0	342.3	367.6	392.2	421.8	463.3	518.2	579.5
80°	286.4	296.3	306.8	322.3	344.4	368.6	394.1	426.8	473.5	530.6	597.7
82.5°	295.0	303.0	310.5	324.2	344.6	368.7	395.0	430.2	480.5	539.4	610.4
85°	303.3	309.0	313.4	325.0	343.3	367.7	394.6	431.8	484.3	544.5	617.7
87.5°	311.4	314.6	315.6	325.1	341.0	366.3	393.6	432.4	486.5	547.6	622.2
90°	318.7	319.9	317.5	324.3	337.3	362.7	390.0	429.1	482.4	543.2	616.3
92.5°	311.4	314.6	315.6	325.1	341.0	366.3	393.6	432.4	486.5	547.6	622.2
95°	303.3	309.0	313.4	325.0	343.3	367.7	394.6	431.8	484.3	544.5	617.7
97.5°	295.0	303.0	310.5	324.2	344.6	368.7	395.0	430.2	480.5	539.4	610.4
100°	286.4	296.3	306.8	322.3	344.4	368.6	394.1	426.8	473.5	530.6	597.7
102.5°	277.5	288.9	301.7	319.0	342.3	367.6	392.2	421.8	463.3	518.2	579.5
105°	268.3	280.5	295.1	314.0	338.1	365.7	389.1	415.2	450.8	505.4	566.3
107.5°	258.8	271.0	286.7	307.1	330.9	361.5	383.5	409.2	443.0	490.9	549.7
110°	248.4	260.0	275.7	296.4	320.4	348.7	375.2	401.4	432.2	472.0	528.7



TEST NUMBER: P232016

CATALOG NUMBER: FVS4WM-3-LD4-30-1LO-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°	236.4	248.4	264.0	284.1	308.1	335.3	364.2	390.6	419.4	455.1	502.4
115°	224.2	235.7	251.0	270.0	293.6	320.1	349.4	377.2	405.9	437.4	474.5
117.5°	211.1	221.7	236.7	254.4	277.6	303.6	331.7	360.6	389.0	418.9	452.4
120°	197.0	206.7	221.6	238.9	259.6	284.6	312.1	340.4	368.9	398.1	429.1
122.5°	183.0	192.1	205.1	221.8	240.1	264.0	290.2	317.8	345.5	373.7	402.8
125°	168.8	176.3	187.7	203.5	221.2	241.0	266.9	293.8	320.3	346.6	373.7
127.5°	154.1	160.4	170.2	183.6	203.6	222.3	244.4	269.9	293.8	318.3	342.9
130°	140.3	146.9	156.1	169.3	186.0	204.1	222.9	244.1	267.6	289.2	311.2
132.5°	133.2	137.8	145.9	156.3	169.0	185.7	202.7	220.2	239.6	259.9	280.0
135°	126.2	130.6	136.1	143.8	154.6	166.7	182.4	198.0	214.2	231.0	249.1
137.5°	119.5	123.0	127.4	133.2	140.3	150.7	162.1	176.2	191.1	204.6	218.9
140°	112.4	115.5	119.1	123.3	128.9	135.4	144.5	155.1	166.9	179.2	191.4
142.5°	105.4	107.8	111.0	114.5	118.4	123.2	129.1	135.8	145.4	155.6	165.5
145°	98.1	100.2	102.7	105.7	108.9	112.5	116.0	121.3	126.2	134.3	144.7
147.5°	91.3	92.6	94.6	96.7	99.5	102.3	105.5	109.0	114.5	121.1	127.6
150°	85.0	85.6	86.4	88.3	90.0	92.9	97.0	101.2	105.9	110.5	115.4
152.5°	78.8	79.2	79.7	81.1	83.7	86.7	90.1	93.4	97.2	101.0	105.0
155°	73.6	74.6	75.8	77.0	78.6	80.2	82.9	85.7	88.5	91.6	94.9
157.5°	67.8	69.6	70.7	71.9	73.2	74.7	76.4	78.1	80.0	82.5	85.0
160°	60.8	62.6	64.4	65.9	67.1	68.3	69.6	70.9	72.4	74.0	75.5
162.5°	53.3	55.5	56.9	58.3	59.7	61.0	62.1	63.2	64.3	65.3	66.4
165°	45.5	47.2	48.8	50.3	51.6	52.7	53.7	54.6	55.4	56.2	56.9
167.5°	37.7	39.2	40.6	41.8	42.9	44.0	44.9	45.8	46.5	47.1	47.7
170°	29.8	31.0	32.1	33.2	34.2	35.1	36.0	36.7	37.3	37.8	38.3
172.5°	21.8	22.8	23.7	24.5	25.2	25.9	26.6	27.2	27.7	28.2	28.6
175°	14.0	14.6	15.2	15.7	16.2	16.7	17.2	17.6	17.9	18.2	18.5
177.5°	7.0	7.2	7.4	7.7	7.9	8.1	8.2	8.4	8.5	8.7	8.8
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P232016

CATALOG NUMBER: FVS4WM-3-LD4-30-1LO-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°	8.9	9.0	9.0	9.1	9.1	9.1	9.4	9.3	9.2	9.1	8.9
5°	18.8	19.0	19.2	19.3	19.4	19.4	19.4	19.4	19.6	19.4	19.1
7.5°	28.9	29.2	29.5	29.6	29.7	29.8	29.8	29.7	29.6	29.7	29.3
10°	38.7	39.0	39.2	39.3	39.4	39.4	39.3	39.1	38.9	38.9	38.3
12.5°	48.1	48.4	48.7	48.9	49.0	49.0	48.9	48.7	48.5	48.1	47.8
15°	57.6	58.3	58.9	59.5	60.0	60.4	60.7	60.9	61.0	61.0	61.1
17.5°	67.4	68.6	69.7	70.7	71.6	72.5	73.3	73.9	74.5	74.9	75.5
20°	77.0	78.7	80.5	82.3	83.9	85.4	86.8	88.0	89.0	89.9	91.0
22.5°	87.4	89.8	92.2	94.6	96.9	99.1	101.0	102.7	104.3	105.6	107.2
25°	98.1	101.3	104.3	107.5	110.5	113.3	115.9	118.2	120.4	122.2	123.8
27.5°	109.0	113.0	116.8	120.9	125.2	129.3	133.0	136.4	139.5	142.2	144.4
30°	120.8	126.4	131.8	137.0	143.2	148.8	153.8	158.2	162.0	165.2	167.8
32.5°	134.8	143.3	151.2	158.5	165.6	172.2	178.0	182.9	187.1	190.4	193.0
35°	154.6	164.7	174.4	183.1	191.0	197.9	203.8	208.5	212.1	214.8	216.5
37.5°	177.7	189.2	200.2	209.7	217.9	226.1	233.1	238.7	243.1	246.1	247.9
40°	204.0	216.7	229.5	241.2	251.3	260.9	270.3	278.4	285.1	290.5	294.3
42.5°	234.2	249.2	263.4	277.2	290.1	302.3	314.8	325.9	335.5	343.4	349.4
45°	266.5	283.4	299.1	316.2	332.8	350.2	364.3	379.0	392.0	403.1	412.0
47.5°	299.4	319.1	338.4	357.7	378.3	398.2	419.2	439.6	457.1	471.5	482.8
50°	333.7	356.0	379.2	402.0	431.0	458.8	485.5	512.1	534.4	552.3	565.7
52.5°	368.0	393.6	423.7	456.0	493.9	532.8	565.7	594.4	617.6	635.3	647.6
55°	401.6	434.2	471.0	514.8	561.5	610.8	649.3	673.6	691.9	705.8	715.4
57.5°	435.3	474.4	519.2	572.4	629.8	674.0	715.1	734.7	747.1	756.4	762.6
60°	466.6	511.4	567.7	624.4	677.4	721.7	755.9	777.1	788.2	796.9	803.1
62.5°	492.9	549.6	610.6	670.2	720.0	761.3	791.6	812.9	824.0	833.0	839.4
65°	526.0	585.1	651.5	712.3	763.4	803.5	826.7	844.0	854.7	862.7	868.7
67.5°	559.7	624.4	693.8	758.4	809.3	836.8	856.1	869.0	879.4	888.2	894.8
70°	590.4	661.1	733.4	802.2	840.7	862.6	878.5	891.0	902.3	910.7	916.9
72.5°	617.1	691.9	766.6	823.8	861.3	882.3	896.7	909.2	921.1	928.0	933.8
75°	639.8	716.1	788.4	845.3	880.6	897.4	910.9	923.9	934.5	941.8	948.4
77.5°	656.4	733.5	811.4	866.6	893.5	910.2	924.2	937.8	947.6	955.3	961.7
80°	672.8	751.1	830.3	884.3	905.0	922.1	935.7	947.9	958.6	967.0	973.9
82.5°	686.8	768.5	845.9	891.3	913.1	930.0	943.3	954.9	965.6	972.8	981.9
85°	695.3	778.2	857.8	896.1	916.4	933.8	946.9	959.0	969.7	977.9	988.3
87.5°	701.1	780.2	864.4	899.3	917.0	935.7	947.3	960.4	971.5	977.6	988.7
90°	695.1	775.0	864.3	899.7	915.2	935.6	945.6	959.8	969.7	977.8	986.5
92.5°	701.1	780.2	864.4	899.3	917.0	935.7	947.3	960.4	971.5	977.6	988.7
95°	695.3	778.2	857.8	896.1	916.4	933.8	946.9	959.0	969.7	977.9	988.3
97.5°	686.8	768.5	845.9	891.3	913.1	930.0	943.3	954.9	965.6	972.8	981.9
100°	672.8	751.1	830.3	884.3	905.0	922.1	935.7	947.9	958.6	967.0	973.9
102.5°	656.4	733.5	811.4	866.6	893.5	910.2	924.2	937.8	947.6	955.3	961.7
105°	639.8	716.1	788.4	845.3	880.6	897.4	910.9	923.9	934.5	941.8	948.4
107.5°	617.1	691.9	766.6	823.8	861.3	882.3	896.7	909.2	921.1	928.0	933.8
110°	590.4	661.1	733.4	802.2	840.7	862.6	878.5	891.0	902.3	910.7	916.9



TEST NUMBER: P232016

CATALOG NUMBER: FVS4WM-3-LD4-30-1LO-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
112.5°	559.7	624.4	693.8	758.4	809.3	836.8	856.1	869.0	879.4	888.2	894.8
115°	526.0	585.1	651.5	712.3	763.4	803.5	826.7	844.0	854.7	862.7	868.7
117.5°	492.9	549.6	610.6	670.2	720.0	761.3	791.6	812.9	824.0	833.0	839.4
120°	466.6	511.4	567.7	624.4	677.4	721.7	755.9	777.1	788.2	796.9	803.1
122.5°	435.3	474.4	519.2	572.4	629.8	674.0	715.1	734.7	747.1	756.4	762.6
125°	401.6	434.2	471.0	514.8	561.5	610.8	649.3	673.6	691.9	705.8	715.4
127.5°	368.0	393.6	423.7	456.0	493.9	532.8	565.7	594.4	617.6	635.3	647.6
130°	333.7	356.0	379.2	402.0	431.0	458.8	485.5	512.1	534.4	552.3	565.7
132.5°	299.4	319.1	338.4	357.7	378.3	398.2	419.2	439.6	457.1	471.5	482.8
135°	266.5	283.4	299.1	316.2	332.8	350.2	364.3	379.0	392.0	403.1	412.0
137.5°	234.2	249.2	263.4	277.2	290.1	302.3	314.8	325.9	335.5	343.4	349.4
140°	204.0	216.7	229.5	241.2	251.3	260.9	270.3	278.4	285.1	290.5	294.3
142.5°	177.7	189.2	200.2	209.7	217.9	226.1	233.1	238.7	243.1	246.1	247.9
145°	154.6	164.7	174.4	183.1	191.0	197.9	203.8	208.5	212.1	214.8	216.5
147.5°	134.8	143.3	151.2	158.5	165.6	172.2	178.0	182.9	187.1	190.4	193.0
150°	120.8	126.4	131.8	137.0	143.2	148.8	153.8	158.2	162.0	165.2	167.8
152.5°	109.0	113.0	116.8	120.9	125.2	129.3	133.0	136.4	139.5	142.2	144.4
155°	98.1	101.3	104.3	107.5	110.5	113.3	115.9	118.2	120.4	122.2	123.8
157.5°	87.4	89.8	92.2	94.6	96.9	99.1	101.0	102.7	104.3	105.6	107.2
160°	77.0	78.7	80.5	82.3	83.9	85.4	86.8	88.0	89.0	89.9	91.0
162.5°	67.4	68.6	69.7	70.7	71.6	72.5	73.3	73.9	74.5	74.9	75.5
165°	57.6	58.3	58.9	59.5	60.0	60.4	60.7	60.9	61.0	61.0	61.1
167.5°	48.1	48.4	48.7	48.9	49.0	49.0	48.9	48.7	48.5	48.1	47.8
170°	38.7	39.0	39.2	39.3	39.4	39.4	39.3	39.1	38.9	38.9	38.3
172.5°	28.9	29.2	29.5	29.6	29.7	29.8	29.8	29.7	29.6	29.7	29.3
175°	18.8	19.0	19.2	19.3	19.4	19.4	19.4	19.4	19.6	19.4	19.1
177.5°	8.9	9.0	9.0	9.1	9.1	9.1	9.4	9.3	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



TEST NUMBER: P232016

CATALOG NUMBER: FVS4WM-3-LD4-30-1LO-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	357.5°	360°
0°	0.0	0.0
2.5°	8.8	8.7
5°	18.9	18.6
7.5°	28.9	28.5
10°	37.8	37.2
12.5°	47.2	46.5
15°	60.6	60.1
17.5°	75.2	75.0
20°	91.1	91.1
22.5°	107.6	107.9
25°	125.2	125.9
27.5°	146.5	147.6
30°	170.0	171.1
32.5°	195.2	195.9
35°	217.8	217.6
37.5°	249.0	248.0
40°	297.4	297.0
42.5°	354.6	355.3
45°	419.9	422.2
47.5°	492.6	495.4
50°	576.8	579.1
52.5°	657.1	657.2
55°	722.7	721.7
57.5°	767.2	765.7
60°	807.9	806.7
62.5°	843.2	843.9
65°	872.4	873.6
67.5°	898.9	900.3
70°	920.7	922.0
72.5°	938.5	941.2
75°	954.8	959.2
77.5°	968.4	972.2
80°	979.9	982.1
82.5°	988.6	994.5
85°	991.5	995.8
87.5°	995.4	1001.4
90°	989.6	999.5
92.5°	995.4	1001.4
95°	991.5	995.8
97.5°	988.6	994.5
100°	979.9	982.1
102.5°	968.4	972.2
105°	954.8	959.2
107.5°	938.5	941.2
110°	920.7	922.0



TEST NUMBER: P232016

CATALOG NUMBER: FVS4WM-3-LD4-30-1LO-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	357.5°	360°
112.5°	898.9	900.3
115°	872.4	873.6
117.5°	843.2	843.9
120°	807.9	806.7
122.5°	767.2	765.7
125°	722.7	721.7
127.5°	657.1	657.2
130°	576.8	579.1
132.5°	492.6	495.4
135°	419.9	422.2
137.5°	354.6	355.3
140°	297.4	297.0
142.5°	249.0	248.0
145°	217.8	217.6
147.5°	195.2	195.9
150°	170.0	171.1
152.5°	146.5	147.6
155°	125.2	125.9
157.5°	107.6	107.9
160°	91.1	91.1
162.5°	75.2	75.0
165°	60.6	60.1
167.5°	47.2	46.5
170°	37.8	37.2
172.5°	28.9	28.5
175°	18.9	18.6
177.5°	8.8	8.7
180°	0.0	0.0

(END OF REPORT)