

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: P231983

Luminaire Tested: **FVS4WM-4-LD4-50-2LO-P125-UNV-EDC1**

Issue Date: 3/3/2020



Test Information

Test Method: LM-79-08
Report Number: P231983
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1706-121-18)
Test Lab: INNOVATION CENTER(G3)
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: FAIL-SAFE
Catalog Number: FVS4WM-4-LD4-50-2LO-P125-UNV-EDC1
Description: FAILSAFE FVS LED FIXTURE
4FT LENGTH, 2-MODULE LED WITH P125 LENS
Light Source: (168) 5000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

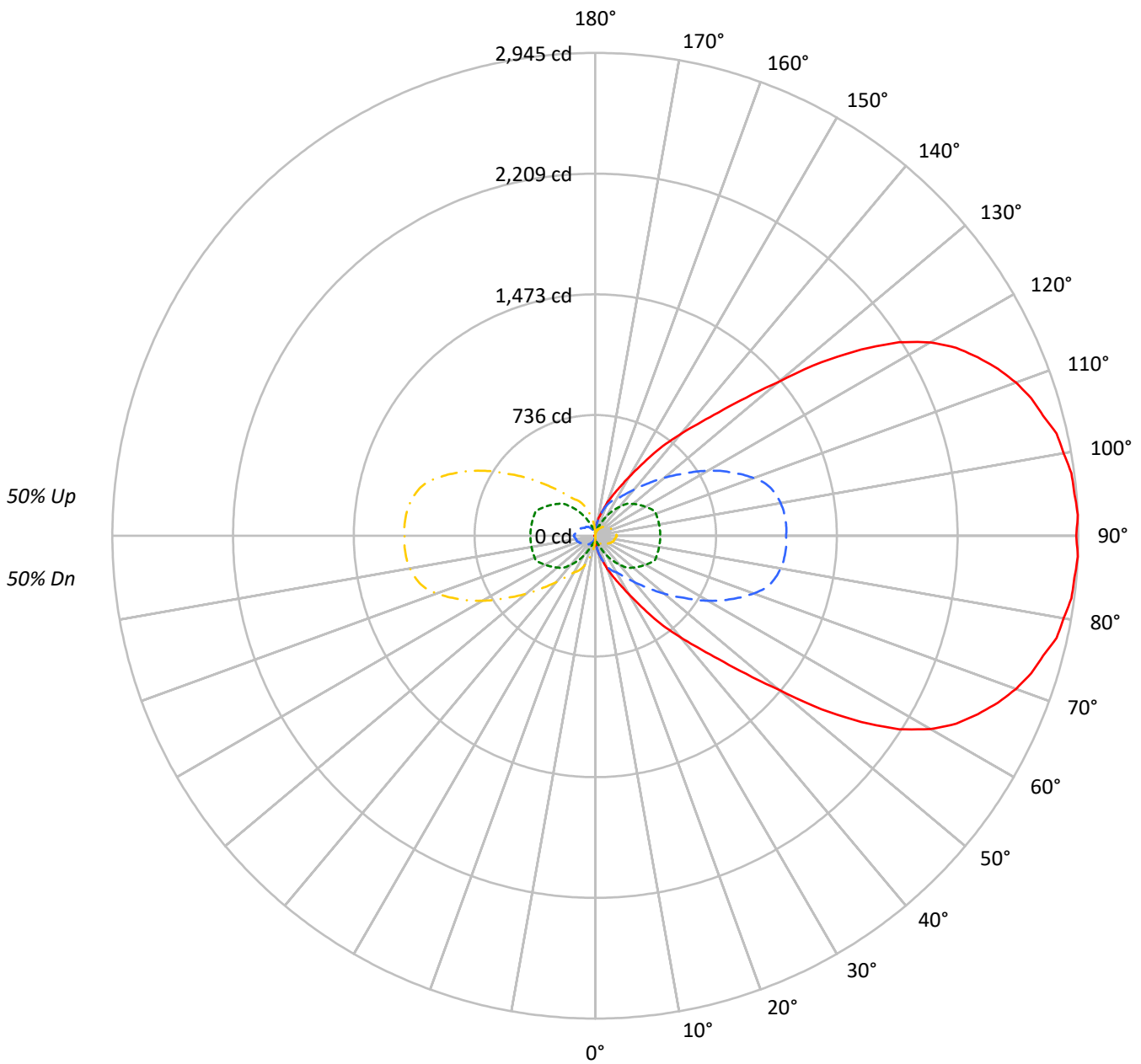
Lumens per Lamp: N/A
Luminaire Lumens: 6812.9 lumens
Efficiency: N/A
Efficacy: 118.7 lumens/watt
Spacing Criteria (0/90/45): 21.28 / 13.66 / 14.51
Luminous Opening: Rectangular w/ Sides (W: 3.79' x L: 0.19' x H: 0.31')
CIE Type: General Diffuse

Input Watts (W): 57.4
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT

TEST NUMBER: P231983

CATALOG NUMBER: FVS4WM-4-LD4-50-2LO-P125-UNV-EDC1

Luminous Intensity Polar Plot



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



TEST NUMBER: P231983

CATALOG NUMBER: FVS4WM-4-LD4-50-2LO-P125-UNV-EDC1

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	63	58	54	50	47	43	39	36	34	28
2	80	69	60	53	72	63	55	48	51	45	39	40	35	31	30	26	23	18
3	71	59	49	41	64	53	44	37	43	36	30	33	28	23	25	20	17	12
4	64	51	40	33	58	46	37	30	37	30	24	29	23	18	21	16	13	9
5	58	44	34	27	53	40	31	24	32	25	19	25	19	15	18	14	10	6
6	53	39	29	22	48	35	27	20	28	21	16	22	16	12	16	12	8	5
7	49	35	25	19	44	32	23	17	25	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	7	12	8	5	3
10	39	26	18	12	36	23	16	11	19	13	9	15	10	6	11	7	4	2

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	36	36	36	36
5°	804	266	32	266
10°	1243	497	19	497
15°	1585	736	26	736
20°	2169	989	24	989
25°	2773	1506	23	1506
30°	3708	2323	21	2323
35°	5100	3231	20	3231
40°	6671	4261	20	4261
45°	8528	5462	25	5462
50°	11529	6477	24	6477
55°	15464	7744	24	7744
60°	18375	9375	24	9375
65°	20161	11560	24	11560
70°	21660	14185	25	14185
75°	22908	17622	32	17622
80°	24190	23458	0	23458
85°	25411	35387	0	35387



TEST NUMBER: P231983

CATALOG NUMBER: FVS4WM-4-LD4-50-2LO-P125-UNV-EDC1

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	3.5	0.1
10°-20°	22.8	0.3
20°-30°	62.9	0.9
30°-40°	139.1	2.0
40°-50°	269.3	4.0
50°-60°	473.5	7.0
60°-70°	687.8	10.1
70°-80°	837.4	12.3
80°-90°	910.2	13.4
90°-100°	910.2	13.4
100°-110°	837.4	12.3
110°-120°	687.8	10.1
120°-130°	473.5	7.0
130°-140°	269.3	4.0
140°-150°	139.1	2.0
150°-160°	62.9	0.9
160°-170°	22.8	0.3
170°-180°	3.5	0.1
0°-30°	89.3	1.3
0°-40°	228.3	3.4
0°-60°	971.2	14.3
0°-90°	3406.5	50.0
90°-120°	2435.3	35.7
90°-150°	3317.2	48.7
90°-180°	3406.0	50.0
0°-180°	6812.9	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	2	2	2	2	2	
5°	61	18	2	18	61	7
15°	146	48	2	48	146	45
25°	295	94	2	94	295	143
35°	598	185	2	185	598	384
45°	1062	276	3	276	1062	853
55°	1980	328	3	328	1980	1763
65°	2574	380	3	380	2574	2548
75°	2827	394	4	394	2827	2992
85°	2933	396	0	396	2933	2392
90°	2932	396	0	396	2932	1611
95°	2933	396	0	396	2933	2392
105°	2827	394	4	394	2827	2992
115°	2574	380	3	380	2574	2548
125°	1980	328	3	328	1980	1763
135°	1062	276	3	276	1062	853
145°	598	185	2	185	598	384
155°	295	94	2	94	295	143
165°	146	48	2	48	146	45
175°	61	18	2	18	61	7
180°	2	2	2	2	2	



TEST NUMBER: P231983

CATALOG NUMBER: FVS4WM-4-LD4-50-2LO-P125-UNV-EDC1

CANDELA DISTRIBUTION (FULL):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
0°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
2.5°	29.9	30.2	30.5	30.8	31.1	31.4	31.7	30.7	30.6	30.5	30.3
5°	60.6	61.2	61.7	62.3	62.8	61.9	61.8	61.6	61.3	60.9	60.3
7.5°	81.8	82.7	83.7	84.6	84.6	84.9	85.2	85.2	85.2	85.0	84.7
10°	104.6	106.0	107.4	108.8	108.7	109.3	109.7	109.8	109.8	109.5	109.0
12.5°	122.7	124.8	126.8	128.1	129.5	130.6	131.5	132.2	132.6	132.8	132.7
15°	146.3	148.9	151.4	152.7	154.2	155.5	156.4	157.1	157.4	157.4	157.1
17.5°	177.0	179.4	181.8	182.4	183.4	184.1	184.5	184.6	184.5	184.0	183.3
20°	216.3	217.8	219.4	218.3	218.0	217.3	216.3	214.9	213.4	211.6	209.7
22.5°	254.1	254.7	255.3	253.0	251.6	249.8	247.5	245.0	242.2	239.2	236.1
25°	295.0	294.7	292.8	290.7	287.8	284.4	280.5	276.1	271.3	266.1	260.6
27.5°	347.7	346.5	343.0	339.1	334.1	328.2	321.5	313.9	305.7	296.8	288.7
30°	416.2	413.4	407.3	400.5	392.5	383.2	372.8	361.6	349.5	336.7	325.6
32.5°	495.6	491.8	483.6	474.5	463.4	450.5	435.9	419.6	401.7	384.2	368.6
35°	597.9	592.9	581.9	569.4	554.1	536.2	515.7	492.7	467.5	444.9	421.9
37.5°	706.5	700.9	688.2	673.7	655.7	634.4	609.9	582.3	552.2	521.9	489.6
40°	809.5	806.3	795.1	781.6	763.5	740.8	713.1	680.5	645.4	608.9	569.7
42.5°	923.6	923.8	914.2	901.7	883.5	859.3	828.9	792.2	752.8	708.4	658.5
45°	1062.1	1065.1	1055.5	1042.3	1022.1	994.9	960.5	924.8	875.3	824.0	768.1
47.5°	1246.9	1250.6	1236.7	1218.3	1191.2	1155.6	1111.6	1063.4	1012.4	953.7	893.6
50°	1461.7	1464.6	1445.5	1421.2	1386.8	1342.6	1289.1	1231.3	1167.1	1090.5	1020.5
52.5°	1739.4	1732.8	1697.0	1656.7	1606.3	1547.5	1482.1	1413.9	1329.0	1237.0	1149.4
55°	1980.2	1962.5	1917.7	1869.5	1813.1	1750.6	1681.1	1594.2	1489.7	1384.1	1278.7
57.5°	2196.5	2166.5	2110.2	2051.4	1985.7	1915.3	1838.9	1747.3	1652.1	1527.3	1406.5
60°	2358.6	2322.8	2263.9	2201.3	2130.4	2052.6	1967.6	1876.4	1774.3	1659.2	1533.2
62.5°	2482.1	2436.6	2381.7	2318.4	2247.9	2172.1	2082.0	1988.4	1885.1	1774.9	1645.8
65°	2574.1	2533.2	2482.0	2419.5	2344.9	2262.0	2176.6	2084.2	1979.6	1868.3	1746.3
67.5°	2658.3	2619.1	2570.0	2510.6	2440.6	2354.1	2258.0	2158.9	2056.8	1945.0	1827.9
70°	2729.9	2699.9	2657.4	2599.2	2519.0	2429.2	2334.5	2227.6	2117.3	2012.0	1906.0
72.5°	2787.3	2765.5	2732.1	2684.6	2601.1	2495.6	2392.2	2286.0	2180.0	2075.9	1970.5
75°	2827.4	2816.3	2793.3	2736.6	2643.5	2546.4	2440.1	2340.4	2239.6	2130.6	2021.3
77.5°	2880.2	2864.7	2841.6	2778.0	2683.6	2570.8	2485.8	2388.2	2283.7	2174.8	2061.4
80°	2899.8	2887.7	2864.2	2817.2	2723.6	2618.9	2520.9	2427.1	2316.6	2205.9	2091.3
82.5°	2927.4	2911.8	2881.5	2836.2	2761.8	2649.0	2547.1	2445.2	2338.2	2230.9	2119.6
85°	2932.9	2919.8	2893.1	2851.0	2771.1	2662.2	2561.1	2466.4	2354.6	2248.0	2137.8
87.5°	2944.7	2912.7	2897.9	2866.1	2785.2	2676.7	2569.4	2478.0	2357.7	2253.0	2145.1
90°	2932.1	2910.1	2888.8	2869.1	2783.4	2669.3	2563.1	2475.0	2347.6	2246.1	2141.4
92.5°	2944.7	2912.7	2897.9	2866.1	2785.2	2676.7	2569.4	2478.0	2357.7	2253.0	2145.1
95°	2932.9	2919.8	2893.1	2851.0	2771.1	2662.2	2561.1	2466.4	2354.6	2248.0	2137.8
97.5°	2927.4	2911.8	2881.5	2836.2	2761.8	2649.0	2547.1	2445.2	2338.2	2230.9	2119.6
100°	2899.8	2887.7	2864.2	2817.2	2723.6	2618.9	2520.9	2427.1	2316.6	2205.9	2091.3
102.5°	2880.2	2864.7	2841.6	2778.0	2683.6	2570.8	2485.8	2388.2	2283.7	2174.8	2061.4
105°	2827.4	2816.3	2793.3	2736.6	2643.5	2546.4	2440.1	2340.4	2239.6	2130.6	2021.3
107.5°	2787.3	2765.5	2732.1	2684.6	2601.1	2495.6	2392.2	2286.0	2180.0	2075.9	1970.5
110°	2729.9	2699.9	2657.4	2599.2	2519.0	2429.2	2334.5	2227.6	2117.3	2012.0	1906.0



TEST NUMBER: P231983

CATALOG NUMBER: FVS4WM-4-LD4-50-2LO-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
112.5°	2658.3	2619.1	2570.0	2510.6	2440.6	2354.1	2258.0	2158.9	2056.8	1945.0	1827.9
115°	2574.1	2533.2	2482.0	2419.5	2344.9	2262.0	2176.6	2084.2	1979.6	1868.3	1746.3
117.5°	2482.1	2436.6	2381.7	2318.4	2247.9	2172.1	2082.0	1988.4	1885.1	1774.9	1645.8
120°	2358.6	2322.8	2263.9	2201.3	2130.4	2052.6	1967.6	1876.4	1774.3	1659.2	1533.2
122.5°	2196.5	2166.5	2110.2	2051.4	1985.7	1915.3	1838.9	1747.3	1652.1	1527.3	1406.5
125°	1980.2	1962.5	1917.7	1869.5	1813.1	1750.6	1681.1	1594.2	1489.7	1384.1	1278.7
127.5°	1739.4	1732.8	1697.0	1656.7	1606.3	1547.5	1482.1	1413.9	1329.0	1237.0	1149.4
130°	1461.7	1464.6	1445.5	1421.2	1386.8	1342.6	1289.1	1231.3	1167.1	1090.5	1020.5
132.5°	1246.9	1250.6	1236.7	1218.3	1191.2	1155.6	1111.6	1063.4	1012.4	953.7	893.6
135°	1062.1	1065.1	1055.5	1042.3	1022.1	994.9	960.5	924.8	875.3	824.0	768.1
137.5°	923.6	923.8	914.2	901.7	883.5	859.3	828.9	792.2	752.8	708.4	658.5
140°	809.5	806.3	795.1	781.6	763.5	740.8	713.1	680.5	645.4	608.9	569.7
142.5°	706.5	700.9	688.2	673.7	655.7	634.4	609.9	582.3	552.2	521.9	489.6
145°	597.9	592.9	581.9	569.4	554.1	536.2	515.7	492.7	467.5	444.9	421.9
147.5°	495.6	491.8	483.6	474.5	463.4	450.5	435.9	419.6	401.7	384.2	368.6
150°	416.2	413.4	407.3	400.5	392.5	383.2	372.8	361.6	349.5	336.7	325.6
152.5°	347.7	346.5	343.0	339.1	334.1	328.2	321.5	313.9	305.7	296.8	288.7
155°	295.0	294.7	292.8	290.7	287.8	284.4	280.5	276.1	271.3	266.1	260.6
157.5°	254.1	254.7	255.3	253.0	251.6	249.8	247.5	245.0	242.2	239.2	236.1
160°	216.3	217.8	219.4	218.3	218.0	217.3	216.3	214.9	213.4	211.6	209.7
162.5°	177.0	179.4	181.8	182.4	183.4	184.1	184.5	184.6	184.5	184.0	183.3
165°	146.3	148.9	151.4	152.7	154.2	155.5	156.4	157.1	157.4	157.4	157.1
167.5°	122.7	124.8	126.8	128.1	129.5	130.6	131.5	132.2	132.6	132.8	132.7
170°	104.6	106.0	107.4	108.8	108.7	109.3	109.7	109.8	109.8	109.5	109.0
172.5°	81.8	82.7	83.7	84.6	84.6	84.9	85.2	85.2	85.2	85.0	84.7
175°	60.6	61.2	61.7	62.3	62.8	61.9	61.8	61.6	61.3	60.9	60.3
177.5°	29.9	30.2	30.5	30.8	31.1	31.4	31.7	30.7	30.6	30.5	30.3
180°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0



TEST NUMBER: P231983

CATALOG NUMBER: FVS4WM-4-LD4-50-2LO-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
0°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
2.5°	30.1	29.8	29.4	29.0	28.5	28.0	27.5	26.9	26.3	25.6	24.9
5°	59.7	58.9	58.0	57.1	56.0	54.8	53.5	52.1	50.7	49.1	47.4
7.5°	84.2	83.6	82.8	81.9	80.8	79.7	78.3	76.9	75.3	73.1	70.6
10°	108.3	107.5	106.3	105.0	103.5	101.8	99.9	98.0	95.9	93.5	91.0
12.5°	132.3	131.7	130.8	129.5	127.9	125.8	123.4	120.7	117.8	114.6	111.1
15°	156.5	155.6	154.4	153.0	151.3	149.2	146.8	144.0	140.8	137.0	132.8
17.5°	182.5	181.4	180.0	178.2	176.1	173.6	170.7	167.5	163.8	159.6	155.0
20°	207.7	205.9	204.2	202.3	200.2	198.1	195.1	191.4	187.4	183.0	177.7
22.5°	233.0	229.9	227.0	224.2	221.5	218.9	216.3	213.6	211.1	205.9	200.5
25°	256.2	251.9	247.7	243.6	240.0	237.0	234.3	231.8	228.9	226.0	223.7
27.5°	281.8	274.8	267.6	261.3	256.6	252.3	248.9	245.8	243.8	241.9	239.0
30°	314.1	302.1	290.8	281.9	273.8	265.7	261.2	257.3	257.1	259.4	261.5
32.5°	352.6	336.3	321.7	307.6	293.4	283.2	279.3	277.1	278.2	279.1	281.1
35°	397.7	374.2	355.8	337.4	324.2	315.9	306.8	303.5	300.0	299.8	300.7
37.5°	455.4	425.8	397.0	379.5	366.9	354.3	343.5	332.9	326.0	321.9	320.6
40°	529.0	491.9	463.2	439.4	417.0	397.5	382.4	367.9	355.8	346.8	342.1
42.5°	613.7	578.3	542.8	509.9	478.5	450.5	424.5	406.7	389.1	375.6	366.1
45°	719.6	669.4	626.7	585.6	547.0	508.8	477.6	447.6	426.9	407.3	392.5
47.5°	832.8	771.9	716.2	663.0	618.3	575.0	533.3	498.3	466.2	442.6	422.5
50°	949.5	880.1	809.8	747.6	690.6	640.4	594.2	549.5	512.8	480.1	453.5
52.5°	1064.0	986.5	909.7	833.3	765.1	705.3	653.3	605.3	560.8	521.2	501.3
55°	1180.4	1087.1	1003.7	922.5	841.2	770.6	708.8	660.3	621.4	588.9	566.5
57.5°	1293.3	1186.5	1090.4	1003.7	919.9	836.4	777.3	728.7	688.7	653.3	629.1
60°	1401.0	1281.5	1171.9	1075.9	998.3	921.4	848.1	793.1	751.4	716.0	688.6
62.5°	1509.4	1369.3	1254.6	1160.6	1076.0	997.9	920.5	857.1	809.3	772.8	744.2
65°	1605.5	1471.0	1342.3	1240.5	1150.3	1067.0	988.4	914.4	863.7	826.6	798.8
67.5°	1704.2	1566.1	1431.5	1312.8	1217.9	1129.7	1049.5	974.0	916.7	876.7	848.7
70°	1784.3	1646.8	1513.4	1376.1	1277.5	1188.8	1105.1	1028.3	964.2	922.7	894.4
72.5°	1855.5	1714.5	1572.7	1438.7	1325.3	1240.6	1154.6	1079.1	1007.7	966.4	938.4
75°	1906.8	1775.1	1622.9	1488.3	1361.6	1284.0	1194.6	1111.2	1043.3	1002.0	977.5
77.5°	1949.6	1824.5	1665.1	1527.5	1400.8	1304.2	1215.6	1132.6	1068.6	1031.7	1013.5
80°	1979.9	1859.3	1710.3	1559.9	1430.0	1321.8	1231.3	1147.9	1087.0	1056.4	1046.9
82.5°	2006.2	1888.1	1744.8	1584.5	1450.3	1336.8	1242.0	1157.9	1099.6	1077.3	1078.2
85°	2022.5	1908.1	1768.0	1601.0	1462.3	1348.4	1247.9	1163.3	1107.9	1095.7	1108.0
87.5°	2029.0	1923.7	1785.5	1613.3	1469.8	1358.4	1251.2	1166.0	1113.5	1112.3	1136.9
90°	2025.8	1918.8	1779.5	1608.0	1464.1	1357.9	1246.2	1163.5	1117.9	1129.7	1165.9
92.5°	2029.0	1923.7	1785.5	1613.3	1469.8	1358.4	1251.2	1166.0	1113.5	1112.3	1136.9
95°	2022.5	1908.1	1768.0	1601.0	1462.3	1348.4	1247.9	1163.3	1107.9	1095.7	1108.0
97.5°	2006.2	1888.1	1744.8	1584.5	1450.3	1336.8	1242.0	1157.9	1099.6	1077.3	1078.2
100°	1979.9	1859.3	1710.3	1559.9	1430.0	1321.8	1231.3	1147.9	1087.0	1056.4	1046.9
102.5°	1949.6	1824.5	1665.1	1527.5	1400.8	1304.2	1215.6	1132.6	1068.6	1031.7	1013.5
105°	1906.8	1775.1	1622.9	1488.3	1361.6	1284.0	1194.6	1111.2	1043.3	1002.0	977.5
107.5°	1855.5	1714.5	1572.7	1438.7	1325.3	1240.6	1154.6	1079.1	1007.7	966.4	938.4
110°	1784.3	1646.8	1513.4	1376.1	1277.5	1188.8	1105.1	1028.3	964.2	922.7	894.4



TEST NUMBER: P231983

CATALOG NUMBER: FVS4WM-4-LD4-50-2LO-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°	1704.2	1566.1	1431.5	1312.8	1217.9	1129.7	1049.5	974.0	916.7	876.7	848.7
115°	1605.5	1471.0	1342.3	1240.5	1150.3	1067.0	988.4	914.4	863.7	826.6	798.8
117.5°	1509.4	1369.3	1254.6	1160.6	1076.0	997.9	920.5	857.1	809.3	772.8	744.2
120°	1401.0	1281.5	1171.9	1075.9	998.3	921.4	848.1	793.1	751.4	716.0	688.6
122.5°	1293.3	1186.5	1090.4	1003.7	919.9	836.4	777.3	728.7	688.7	653.3	629.1
125°	1180.4	1087.1	1003.7	922.5	841.2	770.6	708.8	660.3	621.4	588.9	566.5
127.5°	1064.0	986.5	909.7	833.3	765.1	705.3	653.3	605.3	560.8	521.2	501.3
130°	949.5	880.1	809.8	747.6	690.6	640.4	594.2	549.5	512.8	480.1	453.5
132.5°	832.8	771.9	716.2	663.0	618.3	575.0	533.3	498.3	466.2	442.6	422.5
135°	719.6	669.4	626.7	585.6	547.0	508.8	477.6	447.6	426.9	407.3	392.5
137.5°	613.7	578.3	542.8	509.9	478.5	450.5	424.5	406.7	389.1	375.6	366.1
140°	529.0	491.9	463.2	439.4	417.0	397.5	382.4	367.9	355.8	346.8	342.1
142.5°	455.4	425.8	397.0	379.5	366.9	354.3	343.5	332.9	326.0	321.9	320.6
145°	397.7	374.2	355.8	337.4	324.2	315.9	306.8	303.5	300.0	299.8	300.7
147.5°	352.6	336.3	321.7	307.6	293.4	283.2	279.3	277.1	278.2	279.1	281.1
150°	314.1	302.1	290.8	281.9	273.8	265.7	261.2	257.3	257.1	259.4	261.5
152.5°	281.8	274.8	267.6	261.3	256.6	252.3	248.9	245.8	243.8	241.9	239.0
155°	256.2	251.9	247.7	243.6	240.0	237.0	234.3	231.8	228.9	226.0	223.7
157.5°	233.0	229.9	227.0	224.2	221.5	218.9	216.3	213.6	211.1	205.9	200.5
160°	207.7	205.9	204.2	202.3	200.2	198.1	195.1	191.4	187.4	183.0	177.7
162.5°	182.5	181.4	180.0	178.2	176.1	173.6	170.7	167.5	163.8	159.6	155.0
165°	156.5	155.6	154.4	153.0	151.3	149.2	146.8	144.0	140.8	137.0	132.8
167.5°	132.3	131.7	130.8	129.5	127.9	125.8	123.4	120.7	117.8	114.6	111.1
170°	108.3	107.5	106.3	105.0	103.5	101.8	99.9	98.0	95.9	93.5	91.0
172.5°	84.2	83.6	82.8	81.9	80.8	79.7	78.3	76.9	75.3	73.1	70.6
175°	59.7	58.9	58.0	57.1	56.0	54.8	53.5	52.1	50.7	49.1	47.4
177.5°	30.1	29.8	29.4	29.0	28.5	28.0	27.5	26.9	26.3	25.6	24.9
180°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0



TEST NUMBER: P231983

CATALOG NUMBER: FVS4WM-4-LD4-50-2LO-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
2.5°	24.1	23.3	22.5	21.6	20.7	19.7	18.7	17.7	16.7	15.6	14.6
5°	45.7	43.9	42.0	40.3	38.5	36.6	34.7	32.7	30.7	28.6	26.5
7.5°	68.1	65.4	62.5	59.6	56.6	53.5	50.3	47.3	44.4	41.3	38.2
10°	88.4	85.6	82.7	78.7	74.7	70.7	66.5	62.2	57.8	53.7	49.7
12.5°	107.7	104.1	100.3	96.3	92.0	87.4	82.2	77.0	71.6	66.1	60.9
15°	128.4	123.6	119.3	113.7	108.5	103.1	97.5	91.3	85.0	78.6	72.0
17.5°	150.7	144.3	138.3	131.9	125.4	119.0	112.2	105.3	98.1	90.8	83.3
20°	171.8	165.4	158.5	151.1	143.4	135.3	127.4	119.3	110.9	102.7	94.4
22.5°	194.6	187.4	179.4	170.9	162.0	152.7	143.0	133.6	123.9	114.3	105.2
25°	216.3	209.3	201.3	191.5	183.2	174.9	166.2	157.2	148.3	139.0	130.0
27.5°	238.5	234.9	229.3	222.9	214.3	205.3	196.0	186.3	176.6	166.8	156.8
30°	261.7	261.2	258.0	251.7	244.4	235.0	225.3	215.1	205.1	194.2	183.7
32.5°	283.3	283.8	283.2	279.3	272.3	263.8	253.8	243.3	232.2	221.2	210.1
35°	302.5	304.8	305.2	304.4	298.9	291.3	281.5	271.7	259.4	247.7	236.4
37.5°	321.7	323.8	326.2	326.1	325.5	317.1	308.3	297.7	286.2	273.9	262.3
40°	341.0	342.3	344.9	347.2	346.5	342.2	334.1	323.8	312.5	300.0	287.8
42.5°	360.9	361.2	363.0	366.2	367.3	366.8	358.5	349.1	338.3	325.6	313.1
45°	384.0	379.3	381.4	384.3	387.6	387.4	382.4	373.7	363.2	350.9	338.0
47.5°	406.4	400.8	399.3	401.9	406.1	410.4	412.5	405.8	395.2	381.1	364.3
50°	434.9	424.9	433.2	447.3	457.8	462.6	460.6	449.4	433.8	414.8	392.4
52.5°	490.2	489.1	499.0	510.6	519.0	518.8	510.7	495.4	474.6	450.0	421.8
55°	554.6	553.7	561.8	575.9	583.5	578.0	564.3	543.7	517.2	486.5	452.3
57.5°	616.1	614.3	621.8	640.5	648.3	641.1	621.1	594.0	561.4	524.2	483.9
60°	672.4	672.2	682.6	701.9	714.5	707.6	680.7	646.1	606.8	563.2	516.3
62.5°	728.6	728.7	740.6	761.4	782.1	777.2	742.5	699.9	653.5	603.2	549.5
65°	782.4	781.1	795.7	819.1	850.5	844.9	806.1	755.5	701.4	644.1	583.3
67.5°	832.4	829.9	848.5	876.1	911.3	911.5	871.5	812.6	750.1	685.6	617.6
70°	879.6	878.9	900.6	930.2	959.6	956.1	908.4	838.1	766.4	696.6	624.9
72.5°	923.4	919.6	934.6	956.3	973.2	964.6	915.9	843.4	769.4	699.4	627.7
75°	962.5	956.6	967.0	985.6	991.8	974.9	922.6	848.0	771.3	701.3	629.8
77.5°	1000.5	993.6	999.9	1017.5	1014.3	986.5	928.5	851.8	772.4	702.5	631.1
80°	1037.6	1030.5	1033.4	1051.4	1040.0	998.8	933.5	854.7	772.6	702.9	631.8
82.5°	1073.9	1067.5	1067.5	1086.8	1067.7	1011.4	937.5	856.6	771.9	702.5	634.2
85°	1109.7	1104.3	1102.1	1123.1	1096.3	1026.8	943.0	860.0	771.9	702.7	632.3
87.5°	1145.1	1141.1	1137.0	1160.0	1125.9	1036.1	942.8	857.9	768.3	699.9	630.5
90°	1180.1	1177.7	1173.0	1195.8	1152.5	1045.5	942.5	855.9	764.7	697.0	628.6
92.5°	1145.1	1141.1	1137.0	1160.0	1125.9	1036.1	942.8	857.9	768.3	699.9	630.5
95°	1109.7	1104.3	1102.1	1123.1	1096.3	1026.8	943.0	860.0	771.9	702.7	632.3
97.5°	1073.9	1067.5	1067.5	1086.8	1067.7	1011.4	937.5	856.6	771.9	702.5	634.2
100°	1037.6	1030.5	1033.4	1051.4	1040.0	998.8	933.5	854.7	772.6	702.9	631.8
102.5°	1000.5	993.6	999.9	1017.5	1014.3	986.5	928.5	851.8	772.4	702.5	631.1
105°	962.5	956.6	967.0	985.6	991.8	974.9	922.6	848.0	771.3	701.3	629.8
107.5°	923.4	919.6	934.6	956.3	973.2	964.6	915.9	843.4	769.4	699.4	627.7
110°	879.6	878.9	900.6	930.2	959.6	956.1	908.4	838.1	766.4	696.6	624.9



TEST NUMBER: P231983

CATALOG NUMBER: FVS4WM-4-LD4-50-2LO-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
112.5°	832.4	829.9	848.5	876.1	911.3	911.5	871.5	812.6	750.1	685.6	617.6
115°	782.4	781.1	795.7	819.1	850.5	844.9	806.1	755.5	701.4	644.1	583.3
117.5°	728.6	728.7	740.6	761.4	782.1	777.2	742.5	699.9	653.5	603.2	549.5
120°	672.4	672.2	682.6	701.9	714.5	707.6	680.7	646.1	606.8	563.2	516.3
122.5°	616.1	614.3	621.8	640.5	648.3	641.1	621.1	594.0	561.4	524.2	483.9
125°	554.6	553.7	561.8	575.9	583.5	578.0	564.3	543.7	517.2	486.5	452.3
127.5°	490.2	489.1	499.0	510.6	519.0	518.8	510.7	495.4	474.6	450.0	421.8
130°	434.9	424.9	433.2	447.3	457.8	462.6	460.6	449.4	433.8	414.8	392.4
132.5°	406.4	400.8	399.3	401.9	406.1	410.4	412.5	405.8	395.2	381.1	364.3
135°	384.0	379.3	381.4	384.3	387.6	387.4	382.4	373.7	363.2	350.9	338.0
137.5°	360.9	361.2	363.0	366.2	367.3	366.8	358.5	349.1	338.3	325.6	313.1
140°	341.0	342.3	344.9	347.2	346.5	342.2	334.1	323.8	312.5	300.0	287.8
142.5°	321.7	323.8	326.2	326.1	325.5	317.1	308.3	297.7	286.2	273.9	262.3
145°	302.5	304.8	305.2	304.4	298.9	291.3	281.5	271.7	259.4	247.7	236.4
147.5°	283.3	283.8	283.2	279.3	272.3	263.8	253.8	243.3	232.2	221.2	210.1
150°	261.7	261.2	258.0	251.7	244.4	235.0	225.3	215.1	205.1	194.2	183.7
152.5°	238.5	234.9	229.3	222.9	214.3	205.3	196.0	186.3	176.6	166.8	156.8
155°	216.3	209.3	201.3	191.5	183.2	174.9	166.2	157.2	148.3	139.0	130.0
157.5°	194.6	187.4	179.4	170.9	162.0	152.7	143.0	133.6	123.9	114.3	105.2
160°	171.8	165.4	158.5	151.1	143.4	135.3	127.4	119.3	110.9	102.7	94.4
162.5°	150.7	144.3	138.3	131.9	125.4	119.0	112.2	105.3	98.1	90.8	83.3
165°	128.4	123.6	119.3	113.7	108.5	103.1	97.5	91.3	85.0	78.6	72.0
167.5°	107.7	104.1	100.3	96.3	92.0	87.4	82.2	77.0	71.6	66.1	60.9
170°	88.4	85.6	82.7	78.7	74.7	70.7	66.5	62.2	57.8	53.7	49.7
172.5°	68.1	65.4	62.5	59.6	56.6	53.5	50.3	47.3	44.4	41.3	38.2
175°	45.7	43.9	42.0	40.3	38.5	36.6	34.7	32.7	30.7	28.6	26.5
177.5°	24.1	23.3	22.5	21.6	20.7	19.7	18.7	17.7	16.7	15.6	14.6
180°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0



TEST NUMBER: P231983

CATALOG NUMBER: FVS4WM-4-LD4-50-2LO-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
0°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
2.5°	13.4	12.3	11.2	10.0	9.9	9.9	9.8	9.7	9.5	9.4	9.3
5°	24.3	22.1	19.9	17.6	17.4	17.2	17.0	16.7	16.5	16.1	15.8
7.5°	35.0	31.8	28.5	25.2	24.9	24.5	24.1	23.6	23.2	22.6	22.1
10°	45.6	41.4	37.1	32.8	32.3	31.7	31.1	30.4	29.6	29.0	28.6
12.5°	55.9	50.8	45.7	40.4	39.6	38.8	37.9	36.9	36.1	35.7	35.2
15°	66.1	60.2	54.1	48.0	46.9	45.8	44.6	43.4	42.9	42.3	41.6
17.5°	76.1	69.4	62.5	55.6	54.2	52.7	51.2	50.2	49.5	48.8	47.9
20°	86.0	78.4	70.9	63.2	61.4	59.6	57.8	57.0	56.1	55.2	54.1
22.5°	96.0	87.4	79.2	70.8	68.6	66.4	64.6	63.6	62.5	61.4	60.2
25°	120.8	111.6	102.8	93.6	90.5	87.1	84.3	81.8	79.1	76.2	73.1
27.5°	146.7	136.4	126.6	116.4	112.5	108.2	104.7	101.2	97.5	93.8	89.8
30°	172.6	161.2	150.4	139.2	134.3	129.0	124.6	120.0	115.4	110.7	105.6
32.5°	198.4	186.1	174.2	162.0	156.1	149.8	144.3	138.5	132.8	126.9	120.7
35°	224.1	210.9	198.0	184.9	177.7	170.4	163.5	156.6	149.7	142.5	135.1
37.5°	249.8	235.8	221.8	207.7	199.3	190.8	182.5	174.3	166.5	157.5	149.0
40°	275.4	260.5	245.6	230.5	220.8	211.0	201.1	191.7	182.0	171.9	162.3
42.5°	300.8	285.2	269.3	253.3	242.3	230.9	219.8	208.7	197.4	186.3	175.1
45°	325.8	309.9	293.1	276.1	263.6	250.7	237.7	225.4	212.4	199.6	187.4
47.5°	348.2	329.1	308.9	289.0	274.0	259.2	245.0	232.1	219.3	207.2	195.1
50°	371.3	348.3	324.7	302.0	284.2	266.9	250.9	236.6	223.2	211.1	198.3
52.5°	395.1	367.9	340.6	314.9	294.2	274.5	256.7	241.3	227.3	215.3	202.0
55°	419.6	387.8	356.6	327.9	304.1	281.8	262.4	245.9	231.7	219.8	206.3
57.5°	444.8	407.9	372.6	340.8	313.9	289.1	268.0	250.7	236.4	224.5	211.1
60°	470.5	428.2	388.8	353.8	323.7	296.2	273.5	255.6	241.4	229.3	217.0
62.5°	496.7	448.8	405.0	366.7	333.3	303.2	279.0	260.5	246.5	234.6	222.5
65°	523.2	469.4	421.2	379.7	342.9	310.1	284.4	265.5	251.9	240.2	229.1
67.5°	550.0	490.1	437.5	392.6	352.5	317.0	289.8	270.7	257.4	246.2	236.0
70°	555.3	494.6	440.2	393.0	350.9	315.1	288.1	269.2	256.6	246.5	238.0
72.5°	558.3	498.3	442.8	393.5	349.2	313.1	286.0	266.8	254.4	244.8	236.9
75°	560.9	501.8	447.1	393.9	347.5	311.2	284.0	264.5	252.3	243.3	236.0
77.5°	563.0	505.1	449.0	394.3	345.9	309.5	282.1	262.3	250.4	242.0	235.3
80°	564.6	510.0	451.0	394.8	344.4	307.9	280.5	260.2	248.5	240.8	234.7
82.5°	567.2	512.1	452.9	395.2	343.0	306.4	278.9	258.3	246.8	239.9	234.3
85°	567.2	514.2	454.8	395.6	341.6	305.1	277.6	256.5	245.2	239.0	234.0
87.5°	567.2	516.3	456.8	396.1	340.3	303.9	276.4	254.8	243.7	238.3	233.8
90°	567.2	518.4	458.7	396.5	339.1	302.9	275.3	253.3	242.3	237.6	233.7
92.5°	567.2	516.3	456.8	396.1	340.3	303.9	276.4	254.8	243.7	238.3	233.8
95°	567.2	514.2	454.8	395.6	341.6	305.1	277.6	256.5	245.2	239.0	234.0
97.5°	567.2	512.1	452.9	395.2	343.0	306.4	278.9	258.3	246.8	239.9	234.3
100°	564.6	510.0	451.0	394.8	344.4	307.9	280.5	260.2	248.5	240.8	234.7
102.5°	563.0	505.1	449.0	394.3	345.9	309.5	282.1	262.3	250.4	242.0	235.3
105°	560.9	501.8	447.1	393.9	347.5	311.2	284.0	264.5	252.3	243.3	236.0
107.5°	558.3	498.3	442.8	393.5	349.2	313.1	286.0	266.8	254.4	244.8	236.9
110°	555.3	494.6	440.2	393.0	350.9	315.1	288.1	269.2	256.6	246.5	238.0



TEST NUMBER: P231983

CATALOG NUMBER: FVS4WM-4-LD4-50-2LO-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°	550.0	490.1	437.5	392.6	352.5	317.0	289.8	270.7	257.4	246.2	236.0
115°	523.2	469.4	421.2	379.7	342.9	310.1	284.4	265.5	251.9	240.2	229.1
117.5°	496.7	448.8	405.0	366.7	333.3	303.2	279.0	260.5	246.5	234.6	222.5
120°	470.5	428.2	388.8	353.8	323.7	296.2	273.5	255.6	241.4	229.3	217.0
122.5°	444.8	407.9	372.6	340.8	313.9	289.1	268.0	250.7	236.4	224.5	211.1
125°	419.6	387.8	356.6	327.9	304.1	281.8	262.4	245.9	231.7	219.8	206.3
127.5°	395.1	367.9	340.6	314.9	294.2	274.5	256.7	241.3	227.3	215.3	202.0
130°	371.3	348.3	324.7	302.0	284.2	266.9	250.9	236.6	223.2	211.1	198.3
132.5°	348.2	329.1	308.9	289.0	274.0	259.2	245.0	232.1	219.3	207.2	195.1
135°	325.8	309.9	293.1	276.1	263.6	250.7	237.7	225.4	212.4	199.6	187.4
137.5°	300.8	285.2	269.3	253.3	242.3	230.9	219.8	208.7	197.4	186.3	175.1
140°	275.4	260.5	245.6	230.5	220.8	211.0	201.1	191.7	182.0	171.9	162.3
142.5°	249.8	235.8	221.8	207.7	199.3	190.8	182.5	174.3	166.5	157.5	149.0
145°	224.1	210.9	198.0	184.9	177.7	170.4	163.5	156.6	149.7	142.5	135.1
147.5°	198.4	186.1	174.2	162.0	156.1	149.8	144.3	138.5	132.8	126.9	120.7
150°	172.6	161.2	150.4	139.2	134.3	129.0	124.6	120.0	115.4	110.7	105.6
152.5°	146.7	136.4	126.6	116.4	112.5	108.2	104.7	101.2	97.5	93.8	89.8
155°	120.8	111.6	102.8	93.6	90.5	87.1	84.3	81.8	79.1	76.2	73.1
157.5°	96.0	87.4	79.2	70.8	68.6	66.4	64.6	63.6	62.5	61.4	60.2
160°	86.0	78.4	70.9	63.2	61.4	59.6	57.8	57.0	56.1	55.2	54.1
162.5°	76.1	69.4	62.5	55.6	54.2	52.7	51.2	50.2	49.5	48.8	47.9
165°	66.1	60.2	54.1	48.0	46.9	45.8	44.6	43.4	42.9	42.3	41.6
167.5°	55.9	50.8	45.7	40.4	39.6	38.8	37.9	36.9	36.1	35.7	35.2
170°	45.6	41.4	37.1	32.8	32.3	31.7	31.1	30.4	29.6	29.0	28.6
172.5°	35.0	31.8	28.5	25.2	24.9	24.5	24.1	23.6	23.2	22.6	22.1
175°	24.3	22.1	19.9	17.6	17.4	17.2	17.0	16.7	16.5	16.1	15.8
177.5°	13.4	12.3	11.2	10.0	9.9	9.9	9.8	9.7	9.5	9.4	9.3
180°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0



TEST NUMBER: P231983

CATALOG NUMBER: FVS4WM-4-LD4-50-2LO-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
0°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
2.5°	9.1	8.9	8.8	8.6	8.4	8.1	7.9	7.7	7.5	7.2	6.9
5°	15.5	15.1	14.7	14.3	13.9	13.6	13.3	12.9	12.6	12.2	11.8
7.5°	21.6	21.2	20.9	20.5	20.1	19.6	19.1	18.6	18.1	17.5	16.8
10°	28.2	27.7	27.2	26.6	26.1	25.4	24.6	23.9	23.1	22.2	21.4
12.5°	34.6	34.0	33.3	32.5	31.7	30.8	29.9	28.9	27.8	26.7	25.5
15°	40.9	40.0	39.1	38.2	37.1	36.0	34.8	33.5	32.2	30.9	29.7
17.5°	47.0	46.0	44.9	43.7	42.4	41.0	39.6	38.3	36.9	35.5	34.1
20°	53.0	51.8	50.5	49.0	47.6	46.1	44.6	43.1	41.5	39.8	38.1
22.5°	58.9	57.5	56.0	54.4	52.8	51.2	49.5	47.7	45.8	43.9	41.8
25°	69.9	66.5	63.1	59.7	57.9	56.0	54.1	52.1	49.8	47.5	45.2
27.5°	85.6	81.4	77.2	73.0	68.6	64.4	60.1	56.0	53.5	51.0	48.4
30°	100.5	95.4	90.4	85.0	79.7	74.5	69.3	64.4	59.7	55.2	51.6
32.5°	114.6	108.6	102.3	95.7	89.3	83.0	77.1	71.6	66.4	61.7	57.2
35°	128.0	120.8	112.9	105.1	97.6	90.5	84.0	77.9	72.2	66.9	62.0
37.5°	140.8	131.7	122.4	113.4	104.8	97.2	89.9	83.1	76.9	71.3	66.1
40°	152.6	141.6	130.9	120.6	111.5	102.9	94.8	87.5	81.0	75.2	70.0
42.5°	163.3	150.6	138.5	127.4	117.4	107.8	99.0	91.6	84.9	79.0	73.3
45°	173.1	158.9	145.2	133.6	122.5	111.8	103.1	95.3	88.6	82.1	75.8
47.5°	180.5	166.1	152.0	139.2	126.8	116.0	106.8	99.2	91.7	84.4	77.9
50°	183.9	169.8	156.8	143.9	130.8	120.0	110.8	102.4	94.0	86.4	79.4
52.5°	188.1	174.4	161.8	148.9	137.1	126.9	117.5	106.9	95.9	87.8	80.4
55°	193.0	180.0	167.4	154.5	144.3	135.3	125.9	114.7	103.4	92.2	81.7
57.5°	198.5	186.0	173.5	161.6	152.4	144.6	134.4	122.8	110.8	98.7	87.8
60°	204.7	192.5	180.2	169.8	161.9	154.4	143.4	130.9	117.7	105.0	93.3
62.5°	211.4	199.3	187.4	178.8	172.2	163.9	152.3	138.8	124.2	110.9	98.3
65°	218.5	206.7	195.2	188.3	183.2	173.8	161.0	146.1	130.7	116.5	102.8
67.5°	225.9	214.5	204.5	198.7	194.8	184.1	169.9	153.2	137.0	121.7	106.9
70°	229.1	219.5	212.1	209.1	205.3	194.2	178.7	160.2	143.2	126.8	110.6
72.5°	228.4	219.5	213.0	209.9	205.6	196.0	182.2	165.3	149.1	131.8	114.0
75°	228.0	219.8	213.8	210.5	204.8	195.2	181.7	165.4	148.8	132.3	116.6
77.5°	227.9	220.5	214.6	210.9	204.3	195.1	182.2	165.9	149.0	132.4	117.9
80°	228.0	221.5	215.5	211.2	204.1	195.8	183.5	166.9	149.7	133.4	119.7
82.5°	228.4	222.7	216.3	211.4	204.1	197.0	185.6	168.3	151.1	135.2	122.0
85°	229.0	224.2	217.3	211.7	204.3	198.7	188.3	170.4	153.1	137.7	124.9
87.5°	229.7	225.7	218.3	212.0	204.7	200.8	191.5	173.0	155.7	140.9	128.3
90°	230.5	227.4	219.5	212.4	205.3	203.0	195.1	176.2	158.9	144.8	132.2
92.5°	229.7	225.7	218.3	212.0	204.7	200.8	191.5	173.0	155.7	140.9	128.3
95°	229.0	224.2	217.3	211.7	204.3	198.7	188.3	170.4	153.1	137.7	124.9
97.5°	228.4	222.7	216.3	211.4	204.1	197.0	185.6	168.3	151.1	135.2	122.0
100°	228.0	221.5	215.5	211.2	204.1	195.8	183.5	166.9	149.7	133.4	119.7
102.5°	227.9	220.5	214.6	210.9	204.3	195.1	182.2	165.9	149.0	132.4	117.9
105°	228.0	219.8	213.8	210.5	204.8	195.2	181.7	165.4	148.8	132.3	116.6
107.5°	228.4	219.5	213.0	209.9	205.6	196.0	182.2	165.3	149.1	131.8	114.0
110°	229.1	219.5	212.1	209.1	205.3	194.2	178.7	160.2	143.2	126.8	110.6



TEST NUMBER: P231983

CATALOG NUMBER: FVS4WM-4-LD4-50-2LO-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
112.5°	225.9	214.5	204.5	198.7	194.8	184.1	169.9	153.2	137.0	121.7	106.9
115°	218.5	206.7	195.2	188.3	183.2	173.8	161.0	146.1	130.7	116.5	102.8
117.5°	211.4	199.3	187.4	178.8	172.2	163.9	152.3	138.8	124.2	110.9	98.3
120°	204.7	192.5	180.2	169.8	161.9	154.4	143.4	130.9	117.7	105.0	93.3
122.5°	198.5	186.0	173.5	161.6	152.4	144.6	134.4	122.8	110.8	98.7	87.8
125°	193.0	180.0	167.4	154.5	144.3	135.3	125.9	114.7	103.4	92.2	81.7
127.5°	188.1	174.4	161.8	148.9	137.1	126.9	117.5	106.9	95.9	87.8	80.4
130°	183.9	169.8	156.8	143.9	130.8	120.0	110.8	102.4	94.0	86.4	79.4
132.5°	180.5	166.1	152.0	139.2	126.8	116.0	106.8	99.2	91.7	84.4	77.9
135°	173.1	158.9	145.2	133.6	122.5	111.8	103.1	95.3	88.6	82.1	75.8
137.5°	163.3	150.6	138.5	127.4	117.4	107.8	99.0	91.6	84.9	79.0	73.3
140°	152.6	141.6	130.9	120.6	111.5	102.9	94.8	87.5	81.0	75.2	70.0
142.5°	140.8	131.7	122.4	113.4	104.8	97.2	89.9	83.1	76.9	71.3	66.1
145°	128.0	120.8	112.9	105.1	97.6	90.5	84.0	77.9	72.2	66.9	62.0
147.5°	114.6	108.6	102.3	95.7	89.3	83.0	77.1	71.6	66.4	61.7	57.2
150°	100.5	95.4	90.4	85.0	79.7	74.5	69.3	64.4	59.7	55.2	51.6
152.5°	85.6	81.4	77.2	73.0	68.6	64.4	60.1	56.0	53.5	51.0	48.4
155°	69.9	66.5	63.1	59.7	57.9	56.0	54.1	52.1	49.8	47.5	45.2
157.5°	58.9	57.5	56.0	54.4	52.8	51.2	49.5	47.7	45.8	43.9	41.8
160°	53.0	51.8	50.5	49.0	47.6	46.1	44.6	43.1	41.5	39.8	38.1
162.5°	47.0	46.0	44.9	43.7	42.4	41.0	39.6	38.3	36.9	35.5	34.1
165°	40.9	40.0	39.1	38.2	37.1	36.0	34.8	33.5	32.2	30.9	29.7
167.5°	34.6	34.0	33.3	32.5	31.7	30.8	29.9	28.9	27.8	26.7	25.5
170°	28.2	27.7	27.2	26.6	26.1	25.4	24.6	23.9	23.1	22.2	21.4
172.5°	21.6	21.2	20.9	20.5	20.1	19.6	19.1	18.6	18.1	17.5	16.8
175°	15.5	15.1	14.7	14.3	13.9	13.6	13.3	12.9	12.6	12.2	11.8
177.5°	9.1	8.9	8.8	8.6	8.4	8.1	7.9	7.7	7.5	7.2	6.9
180°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0



TEST NUMBER: P231983

CATALOG NUMBER: FVS4WM-4-LD4-50-2LO-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
0°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
2.5°	6.7	6.4	6.1	5.9	5.6	5.3	5.0	4.7	4.4	4.1	3.8
5°	11.4	11.0	10.5	10.0	9.6	9.1	8.6	8.1	7.5	7.0	6.4
7.5°	16.2	15.5	14.8	14.0	13.3	12.5	11.7	10.9	10.1	9.3	8.4
10°	20.5	19.5	18.5	17.5	16.4	15.3	14.2	13.1	12.0	10.9	9.7
12.5°	24.3	23.1	21.8	20.6	19.4	18.2	17.0	15.8	14.5	13.2	11.9
15°	28.4	27.1	25.8	24.4	23.0	21.5	20.0	18.5	16.9	15.3	13.8
17.5°	32.5	31.0	29.3	27.7	26.0	24.3	22.5	20.7	18.9	17.1	15.3
20°	36.3	34.5	32.6	30.6	28.6	26.7	24.7	22.7	20.7	18.6	16.6
22.5°	39.7	37.6	35.4	33.3	31.1	28.9	26.7	24.5	22.4	20.2	18.0
25°	42.9	40.5	38.1	35.8	33.5	31.2	28.9	26.5	24.1	21.7	19.3
27.5°	45.8	43.4	41.0	38.5	36.0	33.3	30.7	28.1	25.6	23.0	20.5
30°	49.0	46.5	43.6	40.8	38.0	35.3	32.6	29.9	27.2	24.6	21.9
32.5°	52.9	49.0	46.0	43.2	40.3	37.5	34.8	32.1	29.2	26.4	23.5
35°	57.3	53.1	49.1	45.8	43.0	40.2	37.3	34.3	31.3	28.2	25.0
37.5°	61.4	57.0	53.1	49.3	45.9	42.9	39.8	36.4	33.1	29.7	26.3
40°	65.1	60.5	56.3	52.4	48.8	45.3	41.8	38.2	34.7	31.1	27.4
42.5°	68.0	63.2	58.8	54.5	50.6	47.0	43.6	39.8	35.6	31.5	27.6
45°	70.3	65.1	60.3	55.9	51.8	47.9	43.8	40.0	36.1	32.1	28.2
47.5°	71.9	66.4	61.3	56.7	52.1	47.6	43.6	40.1	36.8	32.7	28.8
50°	73.0	67.2	61.9	56.6	51.7	47.4	43.5	39.8	36.5	33.2	29.1
52.5°	73.7	67.6	61.7	56.3	51.5	47.1	43.1	39.3	35.8	32.6	28.8
55°	74.2	67.6	61.5	56.0	51.1	46.6	42.2	38.3	34.7	31.3	28.3
57.5°	77.5	67.8	61.2	55.7	50.6	45.5	41.3	37.4	33.9	30.6	27.5
60°	82.1	71.9	63.0	55.3	49.4	44.8	40.7	36.9	33.4	30.1	26.9
62.5°	86.3	75.4	66.5	57.5	49.8	44.5	40.3	36.6	33.1	29.8	26.4
65°	89.8	79.1	69.3	60.1	52.7	46.0	40.2	36.5	33.2	29.4	25.3
67.5°	93.2	82.7	72.0	63.1	55.3	48.2	42.1	37.3	33.1	28.7	24.7
70°	97.3	85.8	75.0	65.8	57.5	50.1	44.0	38.3	32.9	28.7	23.9
72.5°	101.3	89.0	78.1	68.5	59.6	51.8	45.2	38.2	32.6	27.6	23.1
75°	104.5	92.4	81.3	71.1	61.4	53.3	45.3	37.7	31.2	25.5	21.3
77.5°	105.6	93.7	82.9	72.9	63.2	54.5	45.1	36.7	29.2	23.2	18.5
80°	107.2	95.1	84.2	73.6	63.7	54.4	44.7	35.3	27.2	20.5	15.2
82.5°	109.5	96.9	85.9	74.6	64.4	54.3	44.2	34.9	26.1	18.3	11.8
85°	112.2	99.2	88.2	76.1	65.4	54.9	44.4	35.2	26.1	18.0	10.8
87.5°	115.6	102.0	91.0	78.2	67.0	56.2	45.4	36.4	26.7	18.4	10.9
90°	119.6	105.4	94.4	81.0	69.2	58.2	47.2	38.5	28.3	19.7	11.8
92.5°	115.6	102.0	91.0	78.2	67.0	56.2	45.4	36.4	26.7	18.4	10.9
95°	112.2	99.2	88.2	76.1	65.4	54.9	44.4	35.2	26.1	18.0	10.8
97.5°	109.5	96.9	85.9	74.6	64.4	54.3	44.2	34.9	26.1	18.3	11.8
100°	107.2	95.1	84.2	73.6	63.7	54.4	44.7	35.3	27.2	20.5	15.2
102.5°	105.6	93.7	82.9	72.9	63.2	54.5	45.1	36.7	29.2	23.2	18.5
105°	104.5	92.4	81.3	71.1	61.4	53.3	45.3	37.7	31.2	25.5	21.3
107.5°	101.3	89.0	78.1	68.5	59.6	51.8	45.2	38.2	32.6	27.6	23.1
110°	97.3	85.8	75.0	65.8	57.5	50.1	44.0	38.3	32.9	28.7	23.9



TEST NUMBER: P231983

CATALOG NUMBER: FVS4WM-4-LD4-50-2LO-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°	93.2	82.7	72.0	63.1	55.3	48.2	42.1	37.3	33.1	28.7	24.7
115°	89.8	79.1	69.3	60.1	52.7	46.0	40.2	36.5	33.2	29.4	25.3
117.5°	86.3	75.4	66.5	57.5	49.8	44.5	40.3	36.6	33.1	29.8	26.4
120°	82.1	71.9	63.0	55.3	49.4	44.8	40.7	36.9	33.4	30.1	26.9
122.5°	77.5	67.8	61.2	55.7	50.6	45.5	41.3	37.4	33.9	30.6	27.5
125°	74.2	67.6	61.5	56.0	51.1	46.6	42.2	38.3	34.7	31.3	28.3
127.5°	73.7	67.6	61.7	56.3	51.5	47.1	43.1	39.3	35.8	32.6	28.8
130°	73.0	67.2	61.9	56.6	51.7	47.4	43.5	39.8	36.5	33.2	29.1
132.5°	71.9	66.4	61.3	56.7	52.1	47.6	43.6	40.1	36.8	32.7	28.8
135°	70.3	65.1	60.3	55.9	51.8	47.9	43.8	40.0	36.1	32.1	28.2
137.5°	68.0	63.2	58.8	54.5	50.6	47.0	43.6	39.8	35.6	31.5	27.6
140°	65.1	60.5	56.3	52.4	48.8	45.3	41.8	38.2	34.7	31.1	27.4
142.5°	61.4	57.0	53.1	49.3	45.9	42.9	39.8	36.4	33.1	29.7	26.3
145°	57.3	53.1	49.1	45.8	43.0	40.2	37.3	34.3	31.3	28.2	25.0
147.5°	52.9	49.0	46.0	43.2	40.3	37.5	34.8	32.1	29.2	26.4	23.5
150°	49.0	46.5	43.6	40.8	38.0	35.3	32.6	29.9	27.2	24.6	21.9
152.5°	45.8	43.4	41.0	38.5	36.0	33.3	30.7	28.1	25.6	23.0	20.5
155°	42.9	40.5	38.1	35.8	33.5	31.2	28.9	26.5	24.1	21.7	19.3
157.5°	39.7	37.6	35.4	33.3	31.1	28.9	26.7	24.5	22.4	20.2	18.0
160°	36.3	34.5	32.6	30.6	28.6	26.7	24.7	22.7	20.7	18.6	16.6
162.5°	32.5	31.0	29.3	27.7	26.0	24.3	22.5	20.7	18.9	17.1	15.3
165°	28.4	27.1	25.8	24.4	23.0	21.5	20.0	18.5	16.9	15.3	13.8
167.5°	24.3	23.1	21.8	20.6	19.4	18.2	17.0	15.8	14.5	13.2	11.9
170°	20.5	19.5	18.5	17.5	16.4	15.3	14.2	13.1	12.0	10.9	9.7
172.5°	16.2	15.5	14.8	14.0	13.3	12.5	11.7	10.9	10.1	9.3	8.4
175°	11.4	11.0	10.5	10.0	9.6	9.1	8.6	8.1	7.5	7.0	6.4
177.5°	6.7	6.4	6.1	5.9	5.6	5.3	5.0	4.7	4.4	4.1	3.8
180°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0



TEST NUMBER: P231983

CATALOG NUMBER: FVS4WM-4-LD4-50-2LO-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
0°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
2.5°	3.5	3.2	2.8	2.5	2.2	1.9	1.6	1.9	2.2	2.5	2.8
5°	5.9	5.3	4.7	4.2	3.6	3.0	2.4	3.0	3.6	4.2	4.7
7.5°	7.6	6.7	5.9	5.0	4.1	3.3	2.4	3.3	4.1	5.0	5.9
10°	8.6	7.4	6.3	5.1	3.9	2.8	1.6	2.8	3.9	5.1	6.3
12.5°	10.6	9.2	7.9	6.5	5.2	3.8	2.4	3.8	5.2	6.5	7.9
15°	12.2	10.5	8.9	7.3	5.7	4.0	2.4	4.0	5.7	7.3	8.9
17.5°	13.4	11.6	9.8	7.9	6.1	4.2	2.4	4.2	6.1	7.9	9.8
20°	14.6	12.6	10.5	8.5	6.5	4.4	2.4	4.4	6.5	8.5	10.5
22.5°	15.8	13.6	11.3	9.1	6.9	4.6	2.4	4.6	6.9	9.1	11.3
25°	16.8	14.4	12.0	9.6	7.2	4.8	2.4	4.8	7.2	9.6	12.0
27.5°	17.9	15.3	12.8	10.2	7.6	5.0	2.4	5.0	7.6	10.2	12.8
30°	19.2	16.4	13.6	10.8	8.0	5.2	2.4	5.2	8.0	10.8	13.6
32.5°	20.5	17.6	14.6	11.5	8.5	5.5	2.4	5.5	8.5	11.5	14.6
35°	21.8	18.6	15.4	12.1	8.9	5.6	2.4	5.6	8.9	12.1	15.4
37.5°	22.9	19.5	16.1	12.7	9.2	5.8	2.4	5.8	9.2	12.7	16.1
40°	23.6	19.9	16.3	12.8	9.3	5.8	2.4	5.8	9.3	12.8	16.3
42.5°	23.9	20.2	16.6	13.0	9.5	5.9	2.4	5.9	9.5	13.0	16.6
45°	24.4	20.7	17.1	13.6	10.1	6.6	3.1	6.6	10.1	13.6	17.1
47.5°	24.9	21.1	17.4	13.8	10.2	6.6	3.1	6.6	10.2	13.8	17.4
50°	25.1	21.1	17.3	13.6	10.0	6.5	3.1	6.5	10.0	13.6	17.3
52.5°	24.6	20.8	17.1	13.5	10.0	6.5	3.1	6.5	10.0	13.5	17.1
55°	24.5	20.7	17.0	13.4	9.9	6.5	3.1	6.5	9.9	13.4	17.0
57.5°	24.4	20.5	16.8	13.2	9.8	6.4	3.1	6.4	9.8	13.2	16.8
60°	23.7	20.1	16.2	12.6	9.3	6.2	3.1	6.2	9.3	12.6	16.2
62.5°	22.6	18.9	15.1	11.7	8.6	5.8	3.1	5.8	8.6	11.7	15.1
65°	21.4	17.5	14.0	10.9	8.1	5.6	3.1	5.6	8.1	10.9	14.0
67.5°	20.5	16.5	13.1	10.1	7.5	5.2	3.1	5.2	7.5	10.1	13.1
70°	19.5	15.6	12.0	8.7	6.4	4.6	3.1	4.6	6.4	8.7	12.0
72.5°	18.7	14.5	10.4	7.3	5.8	4.7	3.9	4.7	5.8	7.3	10.4
75°	17.8	13.4	9.7	6.7	4.9	4.3	3.9	4.3	4.9	6.7	9.7
77.5°	15.1	12.6	8.7	5.0	1.8	0.4	0.0	0.4	1.8	5.0	8.7
80°	11.3	8.8	5.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.5
82.5°	7.4	4.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	5.1	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	4.9	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	5.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	4.9	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	5.1	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	7.4	4.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	11.3	8.8	5.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.5
102.5°	15.1	12.6	8.7	5.0	1.8	0.4	0.0	0.4	1.8	5.0	8.7
105°	17.8	13.4	9.7	6.7	4.9	4.3	3.9	4.3	4.9	6.7	9.7
107.5°	18.7	14.5	10.4	7.3	5.8	4.7	3.9	4.7	5.8	7.3	10.4
110°	19.5	15.6	12.0	8.7	6.4	4.6	3.1	4.6	6.4	8.7	12.0



TEST NUMBER: P231983

CATALOG NUMBER: FVS4WM-4-LD4-50-2LO-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
112.5°	20.5	16.5	13.1	10.1	7.5	5.2	3.1	5.2	7.5	10.1	13.1
115°	21.4	17.5	14.0	10.9	8.1	5.6	3.1	5.6	8.1	10.9	14.0
117.5°	22.6	18.9	15.1	11.7	8.6	5.8	3.1	5.8	8.6	11.7	15.1
120°	23.7	20.1	16.2	12.6	9.3	6.2	3.1	6.2	9.3	12.6	16.2
122.5°	24.4	20.5	16.8	13.2	9.8	6.4	3.1	6.4	9.8	13.2	16.8
125°	24.5	20.7	17.0	13.4	9.9	6.5	3.1	6.5	9.9	13.4	17.0
127.5°	24.6	20.8	17.1	13.5	10.0	6.5	3.1	6.5	10.0	13.5	17.1
130°	25.1	21.1	17.3	13.6	10.0	6.5	3.1	6.5	10.0	13.6	17.3
132.5°	24.9	21.1	17.4	13.8	10.2	6.6	3.1	6.6	10.2	13.8	17.4
135°	24.4	20.7	17.1	13.6	10.1	6.6	3.1	6.6	10.1	13.6	17.1
137.5°	23.9	20.2	16.6	13.0	9.5	5.9	2.4	5.9	9.5	13.0	16.6
140°	23.6	19.9	16.3	12.8	9.3	5.8	2.4	5.8	9.3	12.8	16.3
142.5°	22.9	19.5	16.1	12.7	9.2	5.8	2.4	5.8	9.2	12.7	16.1
145°	21.8	18.6	15.4	12.1	8.9	5.6	2.4	5.6	8.9	12.1	15.4
147.5°	20.5	17.6	14.6	11.5	8.5	5.5	2.4	5.5	8.5	11.5	14.6
150°	19.2	16.4	13.6	10.8	8.0	5.2	2.4	5.2	8.0	10.8	13.6
152.5°	17.9	15.3	12.8	10.2	7.6	5.0	2.4	5.0	7.6	10.2	12.8
155°	16.8	14.4	12.0	9.6	7.2	4.8	2.4	4.8	7.2	9.6	12.0
157.5°	15.8	13.6	11.3	9.1	6.9	4.6	2.4	4.6	6.9	9.1	11.3
160°	14.6	12.6	10.5	8.5	6.5	4.4	2.4	4.4	6.5	8.5	10.5
162.5°	13.4	11.6	9.8	7.9	6.1	4.2	2.4	4.2	6.1	7.9	9.8
165°	12.2	10.5	8.9	7.3	5.7	4.0	2.4	4.0	5.7	7.3	8.9
167.5°	10.6	9.2	7.9	6.5	5.2	3.8	2.4	3.8	5.2	6.5	7.9
170°	8.6	7.4	6.3	5.1	3.9	2.8	1.6	2.8	3.9	5.1	6.3
172.5°	7.6	6.7	5.9	5.0	4.1	3.3	2.4	3.3	4.1	5.0	5.9
175°	5.9	5.3	4.7	4.2	3.6	3.0	2.4	3.0	3.6	4.2	4.7
177.5°	3.5	3.2	2.8	2.5	2.2	1.9	1.6	1.9	2.2	2.5	2.8
180°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0



TEST NUMBER: P231983

CATALOG NUMBER: FVS4WM-4-LD4-50-2LO-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
0°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
2.5°	3.2	3.5	3.8	4.1	4.4	4.7	5.0	5.3	5.6	5.9	6.1
5°	5.3	5.9	6.4	7.0	7.5	8.1	8.6	9.1	9.6	10.0	10.5
7.5°	6.7	7.6	8.4	9.3	10.1	10.9	11.7	12.5	13.3	14.0	14.8
10°	7.4	8.6	9.7	10.9	12.0	13.1	14.2	15.3	16.4	17.5	18.5
12.5°	9.2	10.6	11.9	13.2	14.5	15.8	17.0	18.2	19.4	20.6	21.8
15°	10.5	12.2	13.8	15.3	16.9	18.5	20.0	21.5	23.0	24.4	25.8
17.5°	11.6	13.4	15.3	17.1	18.9	20.7	22.5	24.3	26.0	27.7	29.3
20°	12.6	14.6	16.6	18.6	20.7	22.7	24.7	26.7	28.6	30.6	32.6
22.5°	13.6	15.8	18.0	20.2	22.4	24.5	26.7	28.9	31.1	33.3	35.4
25°	14.4	16.8	19.3	21.7	24.1	26.5	28.9	31.2	33.5	35.8	38.1
27.5°	15.3	17.9	20.5	23.0	25.6	28.1	30.7	33.3	36.0	38.5	41.0
30°	16.4	19.2	21.9	24.6	27.2	29.9	32.6	35.3	38.0	40.8	43.6
32.5°	17.6	20.5	23.5	26.4	29.2	32.1	34.8	37.5	40.3	43.2	46.0
35°	18.6	21.8	25.0	28.2	31.3	34.3	37.3	40.2	43.0	45.8	49.1
37.5°	19.5	22.9	26.3	29.7	33.1	36.4	39.8	42.9	45.9	49.3	53.1
40°	19.9	23.6	27.4	31.1	34.7	38.2	41.8	45.3	48.8	52.4	56.3
42.5°	20.2	23.9	27.6	31.5	35.6	39.8	43.6	47.0	50.6	54.5	58.8
45°	20.7	24.4	28.2	32.1	36.1	40.0	43.8	47.9	51.8	55.9	60.3
47.5°	21.1	24.9	28.8	32.7	36.8	40.1	43.6	47.6	52.1	56.7	61.3
50°	21.1	25.1	29.1	33.2	36.5	39.8	43.5	47.4	51.7	56.6	61.9
52.5°	20.8	24.6	28.8	32.6	35.8	39.3	43.1	47.1	51.5	56.3	61.7
55°	20.7	24.5	28.3	31.3	34.7	38.3	42.2	46.6	51.1	56.0	61.5
57.5°	20.5	24.4	27.5	30.6	33.9	37.4	41.3	45.5	50.6	55.7	61.2
60°	20.1	23.7	26.9	30.1	33.4	36.9	40.7	44.8	49.4	55.3	63.0
62.5°	18.9	22.6	26.4	29.8	33.1	36.6	40.3	44.5	49.8	57.5	66.5
65°	17.5	21.4	25.3	29.4	33.2	36.5	40.2	46.0	52.7	60.1	69.3
67.5°	16.5	20.5	24.7	28.7	33.1	37.3	42.1	48.2	55.3	63.1	72.0
70°	15.6	19.5	23.9	28.7	32.9	38.3	44.0	50.1	57.5	65.8	75.0
72.5°	14.5	18.7	23.1	27.6	32.6	38.2	45.2	51.8	59.6	68.5	78.1
75°	13.4	17.8	21.3	25.5	31.2	37.7	45.3	53.3	61.4	71.1	81.3
77.5°	12.6	15.1	18.5	23.2	29.2	36.7	45.1	54.5	63.2	72.9	82.9
80°	8.8	11.3	15.2	20.5	27.2	35.3	44.7	54.4	63.7	73.6	84.2
82.5°	4.3	7.4	11.8	18.3	26.1	34.9	44.2	54.3	64.4	74.6	85.9
85°	1.2	5.1	10.8	18.0	26.1	35.2	44.4	54.9	65.4	76.1	88.2
87.5°	0.4	4.9	10.9	18.4	26.7	36.4	45.4	56.2	67.0	78.2	91.0
90°	0.0	5.5	11.8	19.7	28.3	38.5	47.2	58.2	69.2	81.0	94.4
92.5°	0.4	4.9	10.9	18.4	26.7	36.4	45.4	56.2	67.0	78.2	91.0
95°	1.2	5.1	10.8	18.0	26.1	35.2	44.4	54.9	65.4	76.1	88.2
97.5°	4.3	7.4	11.8	18.3	26.1	34.9	44.2	54.3	64.4	74.6	85.9
100°	8.8	11.3	15.2	20.5	27.2	35.3	44.7	54.4	63.7	73.6	84.2
102.5°	12.6	15.1	18.5	23.2	29.2	36.7	45.1	54.5	63.2	72.9	82.9
105°	13.4	17.8	21.3	25.5	31.2	37.7	45.3	53.3	61.4	71.1	81.3
107.5°	14.5	18.7	23.1	27.6	32.6	38.2	45.2	51.8	59.6	68.5	78.1
110°	15.6	19.5	23.9	28.7	32.9	38.3	44.0	50.1	57.5	65.8	75.0



TEST NUMBER: P231983

CATALOG NUMBER: FVS4WM-4-LD4-50-2LO-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°	16.5	20.5	24.7	28.7	33.1	37.3	42.1	48.2	55.3	63.1	72.0
115°	17.5	21.4	25.3	29.4	33.2	36.5	40.2	46.0	52.7	60.1	69.3
117.5°	18.9	22.6	26.4	29.8	33.1	36.6	40.3	44.5	49.8	57.5	66.5
120°	20.1	23.7	26.9	30.1	33.4	36.9	40.7	44.8	49.4	55.3	63.0
122.5°	20.5	24.4	27.5	30.6	33.9	37.4	41.3	45.5	50.6	55.7	61.2
125°	20.7	24.5	28.3	31.3	34.7	38.3	42.2	46.6	51.1	56.0	61.5
127.5°	20.8	24.6	28.8	32.6	35.8	39.3	43.1	47.1	51.5	56.3	61.7
130°	21.1	25.1	29.1	33.2	36.5	39.8	43.5	47.4	51.7	56.6	61.9
132.5°	21.1	24.9	28.8	32.7	36.8	40.1	43.6	47.6	52.1	56.7	61.3
135°	20.7	24.4	28.2	32.1	36.1	40.0	43.8	47.9	51.8	55.9	60.3
137.5°	20.2	23.9	27.6	31.5	35.6	39.8	43.6	47.0	50.6	54.5	58.8
140°	19.9	23.6	27.4	31.1	34.7	38.2	41.8	45.3	48.8	52.4	56.3
142.5°	19.5	22.9	26.3	29.7	33.1	36.4	39.8	42.9	45.9	49.3	53.1
145°	18.6	21.8	25.0	28.2	31.3	34.3	37.3	40.2	43.0	45.8	49.1
147.5°	17.6	20.5	23.5	26.4	29.2	32.1	34.8	37.5	40.3	43.2	46.0
150°	16.4	19.2	21.9	24.6	27.2	29.9	32.6	35.3	38.0	40.8	43.6
152.5°	15.3	17.9	20.5	23.0	25.6	28.1	30.7	33.3	36.0	38.5	41.0
155°	14.4	16.8	19.3	21.7	24.1	26.5	28.9	31.2	33.5	35.8	38.1
157.5°	13.6	15.8	18.0	20.2	22.4	24.5	26.7	28.9	31.1	33.3	35.4
160°	12.6	14.6	16.6	18.6	20.7	22.7	24.7	26.7	28.6	30.6	32.6
162.5°	11.6	13.4	15.3	17.1	18.9	20.7	22.5	24.3	26.0	27.7	29.3
165°	10.5	12.2	13.8	15.3	16.9	18.5	20.0	21.5	23.0	24.4	25.8
167.5°	9.2	10.6	11.9	13.2	14.5	15.8	17.0	18.2	19.4	20.6	21.8
170°	7.4	8.6	9.7	10.9	12.0	13.1	14.2	15.3	16.4	17.5	18.5
172.5°	6.7	7.6	8.4	9.3	10.1	10.9	11.7	12.5	13.3	14.0	14.8
175°	5.3	5.9	6.4	7.0	7.5	8.1	8.6	9.1	9.6	10.0	10.5
177.5°	3.2	3.5	3.8	4.1	4.4	4.7	5.0	5.3	5.6	5.9	6.1
180°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0



TEST NUMBER: P231983

CATALOG NUMBER: FVS4WM-4-LD4-50-2LO-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
0°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
2.5°	6.4	6.7	6.9	7.2	7.5	7.7	7.9	8.1	8.4	8.6	8.8
5°	11.0	11.4	11.8	12.2	12.6	12.9	13.3	13.6	13.9	14.3	14.7
7.5°	15.5	16.2	16.8	17.5	18.1	18.6	19.1	19.6	20.1	20.5	20.9
10°	19.5	20.5	21.4	22.2	23.1	23.9	24.6	25.4	26.1	26.6	27.2
12.5°	23.1	24.3	25.5	26.7	27.8	28.9	29.9	30.8	31.7	32.5	33.3
15°	27.1	28.4	29.7	30.9	32.2	33.5	34.8	36.0	37.1	38.2	39.1
17.5°	31.0	32.5	34.1	35.5	36.9	38.3	39.6	41.0	42.4	43.7	44.9
20°	34.5	36.3	38.1	39.8	41.5	43.1	44.6	46.1	47.6	49.0	50.5
22.5°	37.6	39.7	41.8	43.9	45.8	47.7	49.5	51.2	52.8	54.4	56.0
25°	40.5	42.9	45.2	47.5	49.8	52.1	54.1	56.0	57.9	59.7	63.1
27.5°	43.4	45.8	48.4	51.0	53.5	56.0	60.1	64.4	68.6	73.0	77.2
30°	46.5	49.0	51.6	55.2	59.7	64.4	69.3	74.5	79.7	85.0	90.4
32.5°	49.0	52.9	57.2	61.7	66.4	71.6	77.1	83.0	89.3	95.7	102.3
35°	53.1	57.3	62.0	66.9	72.2	77.9	84.0	90.5	97.6	105.1	112.9
37.5°	57.0	61.4	66.1	71.3	76.9	83.1	89.9	97.2	104.8	113.4	122.4
40°	60.5	65.1	70.0	75.2	81.0	87.5	94.8	102.9	111.5	120.6	130.9
42.5°	63.2	68.0	73.3	79.0	84.9	91.6	99.0	107.8	117.4	127.4	138.5
45°	65.1	70.3	75.8	82.1	88.6	95.3	103.1	111.8	122.5	133.6	145.2
47.5°	66.4	71.9	77.9	84.4	91.7	99.2	106.8	116.0	126.8	139.2	152.0
50°	67.2	73.0	79.4	86.4	94.0	102.4	110.8	120.0	130.8	143.9	156.8
52.5°	67.6	73.7	80.4	87.8	95.9	106.9	117.5	126.9	137.1	148.9	161.8
55°	67.6	74.2	81.7	92.2	103.4	114.7	125.9	135.3	144.3	154.5	167.4
57.5°	67.8	77.5	87.8	98.7	110.8	122.8	134.4	144.6	152.4	161.6	173.5
60°	71.9	82.1	93.3	105.0	117.7	130.9	143.4	154.4	161.9	169.8	180.2
62.5°	75.4	86.3	98.3	110.9	124.2	138.8	152.3	163.9	172.2	178.8	187.4
65°	79.1	89.8	102.8	116.5	130.7	146.1	161.0	173.8	183.2	188.3	195.2
67.5°	82.7	93.2	106.9	121.7	137.0	153.2	169.9	184.1	194.8	198.7	204.5
70°	85.8	97.3	110.6	126.8	143.2	160.2	178.7	194.2	205.3	209.1	212.1
72.5°	89.0	101.3	114.0	131.8	149.1	165.3	182.2	196.0	205.6	209.9	213.0
75°	92.4	104.5	116.6	132.3	148.8	165.4	181.7	195.2	204.8	210.5	213.8
77.5°	93.7	105.6	117.9	132.4	149.0	165.9	182.2	195.1	204.3	210.9	214.6
80°	95.1	107.2	119.7	133.4	149.7	166.9	183.5	195.8	204.1	211.2	215.5
82.5°	96.9	109.5	122.0	135.2	151.1	168.3	185.6	197.0	204.1	211.4	216.3
85°	99.2	112.2	124.9	137.7	153.1	170.4	188.3	198.7	204.3	211.7	217.3
87.5°	102.0	115.6	128.3	140.9	155.7	173.0	191.5	200.8	204.7	212.0	218.3
90°	105.4	119.6	132.2	144.8	158.9	176.2	195.1	203.0	205.3	212.4	219.5
92.5°	102.0	115.6	128.3	140.9	155.7	173.0	191.5	200.8	204.7	212.0	218.3
95°	99.2	112.2	124.9	137.7	153.1	170.4	188.3	198.7	204.3	211.7	217.3
97.5°	96.9	109.5	122.0	135.2	151.1	168.3	185.6	197.0	204.1	211.4	216.3
100°	95.1	107.2	119.7	133.4	149.7	166.9	183.5	195.8	204.1	211.2	215.5
102.5°	93.7	105.6	117.9	132.4	149.0	165.9	182.2	195.1	204.3	210.9	214.6
105°	92.4	104.5	116.6	132.3	148.8	165.4	181.7	195.2	204.8	210.5	213.8
107.5°	89.0	101.3	114.0	131.8	149.1	165.3	182.2	196.0	205.6	209.9	213.0
110°	85.8	97.3	110.6	126.8	143.2	160.2	178.7	194.2	205.3	209.1	212.1



TEST NUMBER: P231983

CATALOG NUMBER: FVS4WM-4-LD4-50-2LO-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
112.5°	82.7	93.2	106.9	121.7	137.0	153.2	169.9	184.1	194.8	198.7	204.5
115°	79.1	89.8	102.8	116.5	130.7	146.1	161.0	173.8	183.2	188.3	195.2
117.5°	75.4	86.3	98.3	110.9	124.2	138.8	152.3	163.9	172.2	178.8	187.4
120°	71.9	82.1	93.3	105.0	117.7	130.9	143.4	154.4	161.9	169.8	180.2
122.5°	67.8	77.5	87.8	98.7	110.8	122.8	134.4	144.6	152.4	161.6	173.5
125°	67.6	74.2	81.7	92.2	103.4	114.7	125.9	135.3	144.3	154.5	167.4
127.5°	67.6	73.7	80.4	87.8	95.9	106.9	117.5	126.9	137.1	148.9	161.8
130°	67.2	73.0	79.4	86.4	94.0	102.4	110.8	120.0	130.8	143.9	156.8
132.5°	66.4	71.9	77.9	84.4	91.7	99.2	106.8	116.0	126.8	139.2	152.0
135°	65.1	70.3	75.8	82.1	88.6	95.3	103.1	111.8	122.5	133.6	145.2
137.5°	63.2	68.0	73.3	79.0	84.9	91.6	99.0	107.8	117.4	127.4	138.5
140°	60.5	65.1	70.0	75.2	81.0	87.5	94.8	102.9	111.5	120.6	130.9
142.5°	57.0	61.4	66.1	71.3	76.9	83.1	89.9	97.2	104.8	113.4	122.4
145°	53.1	57.3	62.0	66.9	72.2	77.9	84.0	90.5	97.6	105.1	112.9
147.5°	49.0	52.9	57.2	61.7	66.4	71.6	77.1	83.0	89.3	95.7	102.3
150°	46.5	49.0	51.6	55.2	59.7	64.4	69.3	74.5	79.7	85.0	90.4
152.5°	43.4	45.8	48.4	51.0	53.5	56.0	60.1	64.4	68.6	73.0	77.2
155°	40.5	42.9	45.2	47.5	49.8	52.1	54.1	56.0	57.9	59.7	63.1
157.5°	37.6	39.7	41.8	43.9	45.8	47.7	49.5	51.2	52.8	54.4	56.0
160°	34.5	36.3	38.1	39.8	41.5	43.1	44.6	46.1	47.6	49.0	50.5
162.5°	31.0	32.5	34.1	35.5	36.9	38.3	39.6	41.0	42.4	43.7	44.9
165°	27.1	28.4	29.7	30.9	32.2	33.5	34.8	36.0	37.1	38.2	39.1
167.5°	23.1	24.3	25.5	26.7	27.8	28.9	29.9	30.8	31.7	32.5	33.3
170°	19.5	20.5	21.4	22.2	23.1	23.9	24.6	25.4	26.1	26.6	27.2
172.5°	15.5	16.2	16.8	17.5	18.1	18.6	19.1	19.6	20.1	20.5	20.9
175°	11.0	11.4	11.8	12.2	12.6	12.9	13.3	13.6	13.9	14.3	14.7
177.5°	6.4	6.7	6.9	7.2	7.5	7.7	7.9	8.1	8.4	8.6	8.8
180°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0



TEST NUMBER: P231983

CATALOG NUMBER: FVS4WM-4-LD4-50-2LO-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
0°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
2.5°	8.9	9.1	9.3	9.4	9.5	9.7	9.8	9.9	9.9	10.0	11.2
5°	15.1	15.5	15.8	16.1	16.5	16.7	17.0	17.2	17.4	17.6	19.9
7.5°	21.2	21.6	22.1	22.6	23.2	23.6	24.1	24.5	24.9	25.2	28.5
10°	27.7	28.2	28.6	29.0	29.6	30.4	31.1	31.7	32.3	32.8	37.1
12.5°	34.0	34.6	35.2	35.7	36.1	36.9	37.9	38.8	39.6	40.4	45.7
15°	40.0	40.9	41.6	42.3	42.9	43.4	44.6	45.8	46.9	48.0	54.1
17.5°	46.0	47.0	47.9	48.8	49.5	50.2	51.2	52.7	54.2	55.6	62.5
20°	51.8	53.0	54.1	55.2	56.1	57.0	57.8	59.6	61.4	63.2	70.9
22.5°	57.5	58.9	60.2	61.4	62.5	63.6	64.6	66.4	68.6	70.8	79.2
25°	66.5	69.9	73.1	76.2	79.1	81.8	84.3	87.1	90.5	93.6	102.8
27.5°	81.4	85.6	89.8	93.8	97.5	101.2	104.7	108.2	112.5	116.4	126.6
30°	95.4	100.5	105.6	110.7	115.4	120.0	124.6	129.0	134.3	139.2	150.4
32.5°	108.6	114.6	120.7	126.9	132.8	138.5	144.3	149.8	156.1	162.0	174.2
35°	120.8	128.0	135.1	142.5	149.7	156.6	163.5	170.4	177.7	184.9	198.0
37.5°	131.7	140.8	149.0	157.5	166.5	174.3	182.5	190.8	199.3	207.7	221.8
40°	141.6	152.6	162.3	171.9	182.0	191.7	201.1	211.0	220.8	230.5	245.6
42.5°	150.6	163.3	175.1	186.3	197.4	208.7	219.8	230.9	242.3	253.3	269.3
45°	158.9	173.1	187.4	199.6	212.4	225.4	237.7	250.7	263.6	276.1	293.1
47.5°	166.1	180.5	195.1	207.2	219.3	232.1	245.0	259.2	274.0	289.0	308.9
50°	169.8	183.9	198.3	211.1	223.2	236.6	250.9	266.9	284.2	302.0	324.7
52.5°	174.4	188.1	202.0	215.3	227.3	241.3	256.7	274.5	294.2	314.9	340.6
55°	180.0	193.0	206.3	219.8	231.7	245.9	262.4	281.8	304.1	327.9	356.6
57.5°	186.0	198.5	211.1	224.5	236.4	250.7	268.0	289.1	313.9	340.8	372.6
60°	192.5	204.7	217.0	229.3	241.4	255.6	273.5	296.2	323.7	353.8	388.8
62.5°	199.3	211.4	222.5	234.6	246.5	260.5	279.0	303.2	333.3	366.7	405.0
65°	206.7	218.5	229.1	240.2	251.9	265.5	284.4	310.1	342.9	379.7	421.2
67.5°	214.5	225.9	236.0	246.2	257.4	270.7	289.8	317.0	352.5	392.6	437.5
70°	219.5	229.1	238.0	246.5	256.6	269.2	288.1	315.1	350.9	393.0	440.2
72.5°	219.5	228.4	236.9	244.8	254.4	266.8	286.0	313.1	349.2	393.5	442.8
75°	219.8	228.0	236.0	243.3	252.3	264.5	284.0	311.2	347.5	393.9	447.1
77.5°	220.5	227.9	235.3	242.0	250.4	262.3	282.1	309.5	345.9	394.3	449.0
80°	221.5	228.0	234.7	240.8	248.5	260.2	280.5	307.9	344.4	394.8	451.0
82.5°	222.7	228.4	234.3	239.9	246.8	258.3	278.9	306.4	343.0	395.2	452.9
85°	224.2	229.0	234.0	239.0	245.2	256.5	277.6	305.1	341.6	395.6	454.8
87.5°	225.7	229.7	233.8	238.3	243.7	254.8	276.4	303.9	340.3	396.1	456.8
90°	227.4	230.5	233.7	237.6	242.3	253.3	275.3	302.9	339.1	396.5	458.7
92.5°	225.7	229.7	233.8	238.3	243.7	254.8	276.4	303.9	340.3	396.1	456.8
95°	224.2	229.0	234.0	239.0	245.2	256.5	277.6	305.1	341.6	395.6	454.8
97.5°	222.7	228.4	234.3	239.9	246.8	258.3	278.9	306.4	343.0	395.2	452.9
100°	221.5	228.0	234.7	240.8	248.5	260.2	280.5	307.9	344.4	394.8	451.0
102.5°	220.5	227.9	235.3	242.0	250.4	262.3	282.1	309.5	345.9	394.3	449.0
105°	219.8	228.0	236.0	243.3	252.3	264.5	284.0	311.2	347.5	393.9	447.1
107.5°	219.5	228.4	236.9	244.8	254.4	266.8	286.0	313.1	349.2	393.5	442.8
110°	219.5	229.1	238.0	246.5	256.6	269.2	288.1	315.1	350.9	393.0	440.2



TEST NUMBER: P231983

CATALOG NUMBER: FVS4WM-4-LD4-50-2LO-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°	214.5	225.9	236.0	246.2	257.4	270.7	289.8	317.0	352.5	392.6	437.5
115°	206.7	218.5	229.1	240.2	251.9	265.5	284.4	310.1	342.9	379.7	421.2
117.5°	199.3	211.4	222.5	234.6	246.5	260.5	279.0	303.2	333.3	366.7	405.0
120°	192.5	204.7	217.0	229.3	241.4	255.6	273.5	296.2	323.7	353.8	388.8
122.5°	186.0	198.5	211.1	224.5	236.4	250.7	268.0	289.1	313.9	340.8	372.6
125°	180.0	193.0	206.3	219.8	231.7	245.9	262.4	281.8	304.1	327.9	356.6
127.5°	174.4	188.1	202.0	215.3	227.3	241.3	256.7	274.5	294.2	314.9	340.6
130°	169.8	183.9	198.3	211.1	223.2	236.6	250.9	266.9	284.2	302.0	324.7
132.5°	166.1	180.5	195.1	207.2	219.3	232.1	245.0	259.2	274.0	289.0	308.9
135°	158.9	173.1	187.4	199.6	212.4	225.4	237.7	250.7	263.6	276.1	293.1
137.5°	150.6	163.3	175.1	186.3	197.4	208.7	219.8	230.9	242.3	253.3	269.3
140°	141.6	152.6	162.3	171.9	182.0	191.7	201.1	211.0	220.8	230.5	245.6
142.5°	131.7	140.8	149.0	157.5	166.5	174.3	182.5	190.8	199.3	207.7	221.8
145°	120.8	128.0	135.1	142.5	149.7	156.6	163.5	170.4	177.7	184.9	198.0
147.5°	108.6	114.6	120.7	126.9	132.8	138.5	144.3	149.8	156.1	162.0	174.2
150°	95.4	100.5	105.6	110.7	115.4	120.0	124.6	129.0	134.3	139.2	150.4
152.5°	81.4	85.6	89.8	93.8	97.5	101.2	104.7	108.2	112.5	116.4	126.6
155°	66.5	69.9	73.1	76.2	79.1	81.8	84.3	87.1	90.5	93.6	102.8
157.5°	57.5	58.9	60.2	61.4	62.5	63.6	64.6	66.4	68.6	70.8	79.2
160°	51.8	53.0	54.1	55.2	56.1	57.0	57.8	59.6	61.4	63.2	70.9
162.5°	46.0	47.0	47.9	48.8	49.5	50.2	51.2	52.7	54.2	55.6	62.5
165°	40.0	40.9	41.6	42.3	42.9	43.4	44.6	45.8	46.9	48.0	54.1
167.5°	34.0	34.6	35.2	35.7	36.1	36.9	37.9	38.8	39.6	40.4	45.7
170°	27.7	28.2	28.6	29.0	29.6	30.4	31.1	31.7	32.3	32.8	37.1
172.5°	21.2	21.6	22.1	22.6	23.2	23.6	24.1	24.5	24.9	25.2	28.5
175°	15.1	15.5	15.8	16.1	16.5	16.7	17.0	17.2	17.4	17.6	19.9
177.5°	8.9	9.1	9.3	9.4	9.5	9.7	9.8	9.9	9.9	10.0	11.2
180°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0



TEST NUMBER: P231983

CATALOG NUMBER: FVS4WM-4-LD4-50-2LO-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
0°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
2.5°	12.3	13.4	14.6	15.6	16.7	17.7	18.7	19.7	20.7	21.6	22.5
5°	22.1	24.3	26.5	28.6	30.7	32.7	34.7	36.6	38.5	40.3	42.0
7.5°	31.8	35.0	38.2	41.3	44.4	47.3	50.3	53.5	56.6	59.6	62.5
10°	41.4	45.6	49.7	53.7	57.8	62.2	66.5	70.7	74.7	78.7	82.7
12.5°	50.8	55.9	60.9	66.1	71.6	77.0	82.2	87.4	92.0	96.3	100.3
15°	60.2	66.1	72.0	78.6	85.0	91.3	97.5	103.1	108.5	113.7	119.3
17.5°	69.4	76.1	83.3	90.8	98.1	105.3	112.2	119.0	125.4	131.9	138.3
20°	78.4	86.0	94.4	102.7	110.9	119.3	127.4	135.3	143.4	151.1	158.5
22.5°	87.4	96.0	105.2	114.3	123.9	133.6	143.0	152.7	162.0	170.9	179.4
25°	111.6	120.8	130.0	139.0	148.3	157.2	166.2	174.9	183.2	191.5	201.3
27.5°	136.4	146.7	156.8	166.8	176.6	186.3	196.0	205.3	214.3	222.9	229.3
30°	161.2	172.6	183.7	194.2	205.1	215.1	225.3	235.0	244.4	251.7	258.0
32.5°	186.1	198.4	210.1	221.2	232.2	243.3	253.8	263.8	272.3	279.3	283.2
35°	210.9	224.1	236.4	247.7	259.4	271.7	281.5	291.3	298.9	304.4	305.2
37.5°	235.8	249.8	262.3	273.9	286.2	297.7	308.3	317.1	325.5	326.1	326.2
40°	260.5	275.4	287.8	300.0	312.5	323.8	334.1	342.2	346.5	347.2	344.9
42.5°	285.2	300.8	313.1	325.6	338.3	349.1	358.5	366.8	367.3	366.2	363.0
45°	309.9	325.8	338.0	350.9	363.2	373.7	382.4	387.4	387.6	384.3	381.4
47.5°	329.1	348.2	364.3	381.1	395.2	405.8	412.5	410.4	406.1	401.9	399.3
50°	348.3	371.3	392.4	414.8	433.8	449.4	460.6	462.6	457.8	447.3	433.2
52.5°	367.9	395.1	421.8	450.0	474.6	495.4	510.7	518.8	519.0	510.6	499.0
55°	387.8	419.6	452.3	486.5	517.2	543.7	564.3	578.0	583.5	575.9	561.8
57.5°	407.9	444.8	483.9	524.2	561.4	594.0	621.1	641.1	648.3	640.5	621.8
60°	428.2	470.5	516.3	563.2	606.8	646.1	680.7	707.6	714.5	701.9	682.6
62.5°	448.8	496.7	549.5	603.2	653.5	699.9	742.5	777.2	782.1	761.4	740.6
65°	469.4	523.2	583.3	644.1	701.4	755.5	806.1	844.9	850.5	819.1	795.7
67.5°	490.1	550.0	617.6	685.6	750.1	812.6	871.5	911.5	911.3	876.1	848.5
70°	494.6	555.3	624.9	696.6	766.4	838.1	908.4	956.1	959.6	930.2	900.6
72.5°	498.3	558.3	627.7	699.4	769.4	843.4	915.9	964.6	973.2	956.3	934.6
75°	501.8	560.9	629.8	701.3	771.3	848.0	922.6	974.9	991.8	985.6	967.0
77.5°	505.1	563.0	631.1	702.5	772.4	851.8	928.5	986.5	1014.3	1017.5	999.9
80°	510.0	564.6	631.8	702.9	772.6	854.7	933.5	998.8	1040.0	1051.4	1033.4
82.5°	512.1	567.2	634.2	702.5	771.9	856.6	937.5	1011.4	1067.7	1086.8	1067.5
85°	514.2	567.2	632.3	702.7	771.9	860.0	943.0	1026.8	1096.3	1123.1	1102.1
87.5°	516.3	567.2	630.5	699.9	768.3	857.9	942.8	1036.1	1125.9	1160.0	1137.0
90°	518.4	567.2	628.6	697.0	764.7	855.9	942.5	1045.5	1152.5	1195.8	1173.0
92.5°	516.3	567.2	630.5	699.9	768.3	857.9	942.8	1036.1	1125.9	1160.0	1137.0
95°	514.2	567.2	632.3	702.7	771.9	860.0	943.0	1026.8	1096.3	1123.1	1102.1
97.5°	512.1	567.2	634.2	702.5	771.9	856.6	937.5	1011.4	1067.7	1086.8	1067.5
100°	510.0	564.6	631.8	702.9	772.6	854.7	933.5	998.8	1040.0	1051.4	1033.4
102.5°	505.1	563.0	631.1	702.5	772.4	851.8	928.5	986.5	1014.3	1017.5	999.9
105°	501.8	560.9	629.8	701.3	771.3	848.0	922.6	974.9	991.8	985.6	967.0
107.5°	498.3	558.3	627.7	699.4	769.4	843.4	915.9	964.6	973.2	956.3	934.6
110°	494.6	555.3	624.9	696.6	766.4	838.1	908.4	956.1	959.6	930.2	900.6



TEST NUMBER: P231983

CATALOG NUMBER: FVS4WM-4-LD4-50-2LO-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
112.5°	490.1	550.0	617.6	685.6	750.1	812.6	871.5	911.5	911.3	876.1	848.5
115°	469.4	523.2	583.3	644.1	701.4	755.5	806.1	844.9	850.5	819.1	795.7
117.5°	448.8	496.7	549.5	603.2	653.5	699.9	742.5	777.2	782.1	761.4	740.6
120°	428.2	470.5	516.3	563.2	606.8	646.1	680.7	707.6	714.5	701.9	682.6
122.5°	407.9	444.8	483.9	524.2	561.4	594.0	621.1	641.1	648.3	640.5	621.8
125°	387.8	419.6	452.3	486.5	517.2	543.7	564.3	578.0	583.5	575.9	561.8
127.5°	367.9	395.1	421.8	450.0	474.6	495.4	510.7	518.8	519.0	510.6	499.0
130°	348.3	371.3	392.4	414.8	433.8	449.4	460.6	462.6	457.8	447.3	433.2
132.5°	329.1	348.2	364.3	381.1	395.2	405.8	412.5	410.4	406.1	401.9	399.3
135°	309.9	325.8	338.0	350.9	363.2	373.7	382.4	387.4	387.6	384.3	381.4
137.5°	285.2	300.8	313.1	325.6	338.3	349.1	358.5	366.8	367.3	366.2	363.0
140°	260.5	275.4	287.8	300.0	312.5	323.8	334.1	342.2	346.5	347.2	344.9
142.5°	235.8	249.8	262.3	273.9	286.2	297.7	308.3	317.1	325.5	326.1	326.2
145°	210.9	224.1	236.4	247.7	259.4	271.7	281.5	291.3	298.9	304.4	305.2
147.5°	186.1	198.4	210.1	221.2	232.2	243.3	253.8	263.8	272.3	279.3	283.2
150°	161.2	172.6	183.7	194.2	205.1	215.1	225.3	235.0	244.4	251.7	258.0
152.5°	136.4	146.7	156.8	166.8	176.6	186.3	196.0	205.3	214.3	222.9	229.3
155°	111.6	120.8	130.0	139.0	148.3	157.2	166.2	174.9	183.2	191.5	201.3
157.5°	87.4	96.0	105.2	114.3	123.9	133.6	143.0	152.7	162.0	170.9	179.4
160°	78.4	86.0	94.4	102.7	110.9	119.3	127.4	135.3	143.4	151.1	158.5
162.5°	69.4	76.1	83.3	90.8	98.1	105.3	112.2	119.0	125.4	131.9	138.3
165°	60.2	66.1	72.0	78.6	85.0	91.3	97.5	103.1	108.5	113.7	119.3
167.5°	50.8	55.9	60.9	66.1	71.6	77.0	82.2	87.4	92.0	96.3	100.3
170°	41.4	45.6	49.7	53.7	57.8	62.2	66.5	70.7	74.7	78.7	82.7
172.5°	31.8	35.0	38.2	41.3	44.4	47.3	50.3	53.5	56.6	59.6	62.5
175°	22.1	24.3	26.5	28.6	30.7	32.7	34.7	36.6	38.5	40.3	42.0
177.5°	12.3	13.4	14.6	15.6	16.7	17.7	18.7	19.7	20.7	21.6	22.5
180°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0



TEST NUMBER: P231983

CATALOG NUMBER: FVS4WM-4-LD4-50-2LO-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
0°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
2.5°	23.3	24.1	24.9	25.6	26.3	26.9	27.5	28.0	28.5	29.0	29.4
5°	43.9	45.7	47.4	49.1	50.7	52.1	53.5	54.8	56.0	57.1	58.0
7.5°	65.4	68.1	70.6	73.1	75.3	76.9	78.3	79.7	80.8	81.9	82.8
10°	85.6	88.4	91.0	93.5	95.9	98.0	99.9	101.8	103.5	105.0	106.3
12.5°	104.1	107.7	111.1	114.6	117.8	120.7	123.4	125.8	127.9	129.5	130.8
15°	123.6	128.4	132.8	137.0	140.8	144.0	146.8	149.2	151.3	153.0	154.4
17.5°	144.3	150.7	155.0	159.6	163.8	167.5	170.7	173.6	176.1	178.2	180.0
20°	165.4	171.8	177.7	183.0	187.4	191.4	195.1	198.1	200.2	202.3	204.2
22.5°	187.4	194.6	200.5	205.9	211.1	213.6	216.3	218.9	221.5	224.2	227.0
25°	209.3	216.3	223.7	226.0	228.9	231.8	234.3	237.0	240.0	243.6	247.7
27.5°	234.9	238.5	239.0	241.9	243.8	245.8	248.9	252.3	256.6	261.3	267.6
30°	261.2	261.7	261.5	259.4	257.1	257.3	261.2	265.7	273.8	281.9	290.8
32.5°	283.8	283.3	281.1	279.1	278.2	277.1	279.3	283.2	293.4	307.6	321.7
35°	304.8	302.5	300.7	299.8	300.0	303.5	306.8	315.9	324.2	337.4	355.8
37.5°	323.8	321.7	320.6	321.9	326.0	332.9	343.5	354.3	366.9	379.5	397.0
40°	342.3	341.0	342.1	346.8	355.8	367.9	382.4	397.5	417.0	439.4	463.2
42.5°	361.2	360.9	366.1	375.6	389.1	406.7	424.5	450.5	478.5	509.9	542.8
45°	379.3	384.0	392.5	407.3	426.9	447.6	477.6	508.8	547.0	585.6	626.7
47.5°	400.8	406.4	422.5	442.6	466.2	498.3	533.3	575.0	618.3	663.0	716.2
50°	424.9	434.9	453.5	480.1	512.8	549.5	594.2	640.4	690.6	747.6	809.8
52.5°	489.1	490.2	501.3	521.2	560.8	605.3	653.3	705.3	765.1	833.3	909.7
55°	553.7	554.6	566.5	588.9	621.4	660.3	708.8	770.6	841.2	922.5	1003.7
57.5°	614.3	616.1	629.1	653.3	688.7	728.7	777.3	836.4	919.9	1003.7	1090.4
60°	672.2	672.4	688.6	716.0	751.4	793.1	848.1	921.4	998.3	1075.9	1171.9
62.5°	728.7	728.6	744.2	772.8	809.3	857.1	920.5	997.9	1076.0	1160.6	1254.6
65°	781.1	782.4	798.8	826.6	863.7	914.4	988.4	1067.0	1150.3	1240.5	1342.3
67.5°	829.9	832.4	848.7	876.7	916.7	974.0	1049.5	1129.7	1217.9	1312.8	1431.5
70°	878.9	879.6	894.4	922.7	964.2	1028.3	1105.1	1188.8	1277.5	1376.1	1513.4
72.5°	919.6	923.4	938.4	966.4	1007.7	1079.1	1154.6	1240.6	1325.3	1438.7	1572.7
75°	956.6	962.5	977.5	1002.0	1043.3	1111.2	1194.6	1284.0	1361.6	1488.3	1622.9
77.5°	993.6	1000.5	1013.5	1031.7	1068.6	1132.6	1215.6	1304.2	1400.8	1527.5	1665.1
80°	1030.5	1037.6	1046.9	1056.4	1087.0	1147.9	1231.3	1321.8	1430.0	1559.9	1710.3
82.5°	1067.5	1073.9	1078.2	1077.3	1099.6	1157.9	1242.0	1336.8	1450.3	1584.5	1744.8
85°	1104.3	1109.7	1108.0	1095.7	1107.9	1163.3	1247.9	1348.4	1462.3	1601.0	1768.0
87.5°	1141.1	1145.1	1136.9	1112.3	1113.5	1166.0	1251.2	1358.4	1469.8	1613.3	1785.5
90°	1177.7	1180.1	1165.9	1129.7	1117.9	1163.5	1246.2	1357.9	1464.1	1608.0	1779.5
92.5°	1141.1	1145.1	1136.9	1112.3	1113.5	1166.0	1251.2	1358.4	1469.8	1613.3	1785.5
95°	1104.3	1109.7	1108.0	1095.7	1107.9	1163.3	1247.9	1348.4	1462.3	1601.0	1768.0
97.5°	1067.5	1073.9	1078.2	1077.3	1099.6	1157.9	1242.0	1336.8	1450.3	1584.5	1744.8
100°	1030.5	1037.6	1046.9	1056.4	1087.0	1147.9	1231.3	1321.8	1430.0	1559.9	1710.3
102.5°	993.6	1000.5	1013.5	1031.7	1068.6	1132.6	1215.6	1304.2	1400.8	1527.5	1665.1
105°	956.6	962.5	977.5	1002.0	1043.3	1111.2	1194.6	1284.0	1361.6	1488.3	1622.9
107.5°	919.6	923.4	938.4	966.4	1007.7	1079.1	1154.6	1240.6	1325.3	1438.7	1572.7
110°	878.9	879.6	894.4	922.7	964.2	1028.3	1105.1	1188.8	1277.5	1376.1	1513.4



TEST NUMBER: P231983

CATALOG NUMBER: FVS4WM-4-LD4-50-2LO-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°	829.9	832.4	848.7	876.7	916.7	974.0	1049.5	1129.7	1217.9	1312.8	1431.5
115°	781.1	782.4	798.8	826.6	863.7	914.4	988.4	1067.0	1150.3	1240.5	1342.3
117.5°	728.7	728.6	744.2	772.8	809.3	857.1	920.5	997.9	1076.0	1160.6	1254.6
120°	672.2	672.4	688.6	716.0	751.4	793.1	848.1	921.4	998.3	1075.9	1171.9
122.5°	614.3	616.1	629.1	653.3	688.7	728.7	777.3	836.4	919.9	1003.7	1090.4
125°	553.7	554.6	566.5	588.9	621.4	660.3	708.8	770.6	841.2	922.5	1003.7
127.5°	489.1	490.2	501.3	521.2	560.8	605.3	653.3	705.3	765.1	833.3	909.7
130°	424.9	434.9	453.5	480.1	512.8	549.5	594.2	640.4	690.6	747.6	809.8
132.5°	400.8	406.4	422.5	442.6	466.2	498.3	533.3	575.0	618.3	663.0	716.2
135°	379.3	384.0	392.5	407.3	426.9	447.6	477.6	508.8	547.0	585.6	626.7
137.5°	361.2	360.9	366.1	375.6	389.1	406.7	424.5	450.5	478.5	509.9	542.8
140°	342.3	341.0	342.1	346.8	355.8	367.9	382.4	397.5	417.0	439.4	463.2
142.5°	323.8	321.7	320.6	321.9	326.0	332.9	343.5	354.3	366.9	379.5	397.0
145°	304.8	302.5	300.7	299.8	300.0	303.5	306.8	315.9	324.2	337.4	355.8
147.5°	283.8	283.3	281.1	279.1	278.2	277.1	279.3	283.2	293.4	307.6	321.7
150°	261.2	261.7	261.5	259.4	257.1	257.3	261.2	265.7	273.8	281.9	290.8
152.5°	234.9	238.5	239.0	241.9	243.8	245.8	248.9	252.3	256.6	261.3	267.6
155°	209.3	216.3	223.7	226.0	228.9	231.8	234.3	237.0	240.0	243.6	247.7
157.5°	187.4	194.6	200.5	205.9	211.1	213.6	216.3	218.9	221.5	224.2	227.0
160°	165.4	171.8	177.7	183.0	187.4	191.4	195.1	198.1	200.2	202.3	204.2
162.5°	144.3	150.7	155.0	159.6	163.8	167.5	170.7	173.6	176.1	178.2	180.0
165°	123.6	128.4	132.8	137.0	140.8	144.0	146.8	149.2	151.3	153.0	154.4
167.5°	104.1	107.7	111.1	114.6	117.8	120.7	123.4	125.8	127.9	129.5	130.8
170°	85.6	88.4	91.0	93.5	95.9	98.0	99.9	101.8	103.5	105.0	106.3
172.5°	65.4	68.1	70.6	73.1	75.3	76.9	78.3	79.7	80.8	81.9	82.8
175°	43.9	45.7	47.4	49.1	50.7	52.1	53.5	54.8	56.0	57.1	58.0
177.5°	23.3	24.1	24.9	25.6	26.3	26.9	27.5	28.0	28.5	29.0	29.4
180°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0



TEST NUMBER: P231983

CATALOG NUMBER: FVS4WM-4-LD4-50-2LO-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
0°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
2.5°	29.8	30.1	30.3	30.5	30.6	30.7	31.7	31.4	31.1	30.8	30.5
5°	58.9	59.7	60.3	60.9	61.3	61.6	61.8	61.9	62.8	62.3	61.7
7.5°	83.6	84.2	84.7	85.0	85.2	85.2	85.2	84.9	84.6	84.6	83.7
10°	107.5	108.3	109.0	109.5	109.8	109.8	109.7	109.3	108.7	108.8	107.4
12.5°	131.7	132.3	132.7	132.8	132.6	132.2	131.5	130.6	129.5	128.1	126.8
15°	155.6	156.5	157.1	157.4	157.4	157.1	156.4	155.5	154.2	152.7	151.4
17.5°	181.4	182.5	183.3	184.0	184.5	184.6	184.5	184.1	183.4	182.4	181.8
20°	205.9	207.7	209.7	211.6	213.4	214.9	216.3	217.3	218.0	218.3	219.4
22.5°	229.9	233.0	236.1	239.2	242.2	245.0	247.5	249.8	251.6	253.0	255.3
25°	251.9	256.2	260.6	266.1	271.3	276.1	280.5	284.4	287.8	290.7	292.8
27.5°	274.8	281.8	288.7	296.8	305.7	313.9	321.5	328.2	334.1	339.1	343.0
30°	302.1	314.1	325.6	336.7	349.5	361.6	372.8	383.2	392.5	400.5	407.3
32.5°	336.3	352.6	368.6	384.2	401.7	419.6	435.9	450.5	463.4	474.5	483.6
35°	374.2	397.7	421.9	444.9	467.5	492.7	515.7	536.2	554.1	569.4	581.9
37.5°	425.8	455.4	489.6	521.9	552.2	582.3	609.9	634.4	655.7	673.7	688.2
40°	491.9	529.0	569.7	608.9	645.3	680.5	713.1	740.8	763.5	781.6	795.1
42.5°	578.3	613.7	658.5	708.4	752.8	792.2	828.9	859.3	883.5	901.7	914.2
45°	669.4	719.6	768.1	824.0	875.3	924.8	960.5	994.9	1022.1	1042.3	1055.5
47.5°	771.9	832.8	893.6	953.7	1012.4	1063.4	1111.6	1155.6	1191.2	1218.3	1236.7
50°	880.1	949.5	1020.5	1090.5	1167.1	1231.3	1289.1	1342.6	1386.8	1421.2	1445.5
52.5°	986.5	1064.0	1149.4	1237.0	1329.0	1413.9	1482.1	1547.5	1606.3	1656.7	1697.0
55°	1087.1	1180.4	1278.7	1384.1	1489.7	1594.2	1681.1	1750.6	1813.1	1869.5	1917.7
57.5°	1186.5	1293.3	1406.5	1527.3	1652.1	1747.3	1838.9	1915.3	1985.7	2051.4	2110.2
60°	1281.5	1401.0	1533.2	1659.2	1774.3	1876.4	1967.6	2052.6	2130.4	2201.3	2263.9
62.5°	1369.3	1509.4	1645.8	1774.9	1885.1	1988.4	2082.0	2172.1	2247.9	2318.4	2381.7
65°	1471.0	1605.5	1746.3	1868.3	1979.6	2084.2	2176.6	2262.0	2344.9	2419.5	2482.0
67.5°	1566.1	1704.2	1827.9	1945.0	2056.8	2158.9	2258.0	2354.1	2440.6	2510.6	2570.0
70°	1646.8	1784.3	1906.0	2012.0	2117.3	2227.6	2334.5	2429.2	2519.0	2599.2	2657.4
72.5°	1714.5	1855.5	1970.5	2075.9	2180.0	2286.0	2392.2	2495.6	2601.1	2684.6	2732.1
75°	1775.1	1906.8	2021.3	2130.6	2239.6	2340.4	2440.1	2546.4	2643.5	2736.6	2793.3
77.5°	1824.5	1949.6	2061.4	2174.8	2283.7	2388.2	2485.8	2570.8	2683.6	2778.0	2841.6
80°	1859.3	1979.9	2091.3	2205.9	2316.6	2427.1	2520.9	2618.9	2723.6	2817.2	2864.2
82.5°	1888.1	2006.2	2119.6	2230.9	2338.2	2445.2	2547.1	2649.0	2761.8	2836.2	2881.5
85°	1908.1	2022.5	2137.8	2248.0	2354.6	2466.4	2561.1	2662.2	2771.1	2851.0	2893.1
87.5°	1923.7	2029.0	2145.1	2253.0	2357.7	2478.0	2569.4	2676.7	2785.2	2866.1	2897.9
90°	1918.8	2025.8	2141.4	2246.1	2347.6	2475.0	2563.1	2669.3	2783.4	2869.1	2888.8
92.5°	1923.7	2029.0	2145.1	2253.0	2357.7	2478.0	2569.4	2676.7	2785.2	2866.1	2897.9
95°	1908.1	2022.5	2137.8	2248.0	2354.6	2466.4	2561.1	2662.2	2771.1	2851.0	2893.1
97.5°	1888.1	2006.2	2119.6	2230.9	2338.2	2445.2	2547.1	2649.0	2761.8	2836.2	2881.5
100°	1859.3	1979.9	2091.3	2205.9	2316.6	2427.1	2520.9	2618.9	2723.6	2817.2	2864.2
102.5°	1824.5	1949.6	2061.4	2174.8	2283.7	2388.2	2485.8	2570.8	2683.6	2778.0	2841.6
105°	1775.1	1906.8	2021.3	2130.6	2239.6	2340.4	2440.1	2546.4	2643.5	2736.6	2793.3
107.5°	1714.5	1855.5	1970.5	2075.9	2180.0	2286.0	2392.2	2495.6	2601.1	2684.6	2732.1
110°	1646.8	1784.3	1906.0	2012.0	2117.3	2227.6	2334.5	2429.2	2519.0	2599.2	2657.4



TEST NUMBER: P231983

CATALOG NUMBER: FVS4WM-4-LD4-50-2LO-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
112.5°	1566.1	1704.2	1827.9	1945.0	2056.8	2158.9	2258.0	2354.1	2440.6	2510.6	2570.0
115°	1471.0	1605.5	1746.3	1868.3	1979.6	2084.2	2176.6	2262.0	2344.9	2419.5	2482.0
117.5°	1369.3	1509.4	1645.8	1774.9	1885.1	1988.4	2082.0	2172.1	2247.9	2318.4	2381.7
120°	1281.5	1401.0	1533.2	1659.2	1774.3	1876.4	1967.6	2052.6	2130.4	2201.3	2263.9
122.5°	1186.5	1293.3	1406.5	1527.3	1652.1	1747.3	1838.9	1915.3	1985.7	2051.4	2110.2
125°	1087.1	1180.4	1278.7	1384.1	1489.7	1594.2	1681.1	1750.6	1813.1	1869.5	1917.7
127.5°	986.5	1064.0	1149.4	1237.0	1329.0	1413.9	1482.1	1547.5	1606.3	1656.7	1697.0
130°	880.1	949.5	1020.5	1090.5	1167.1	1231.3	1289.1	1342.6	1386.8	1421.2	1445.5
132.5°	771.9	832.8	893.6	953.7	1012.4	1063.4	1111.6	1155.6	1191.2	1218.3	1236.7
135°	669.4	719.6	768.1	824.0	875.3	924.8	960.5	994.9	1022.1	1042.3	1055.5
137.5°	578.3	613.7	658.5	708.4	752.8	792.2	828.9	859.3	883.5	901.7	914.2
140°	491.9	529.0	569.7	608.9	645.3	680.5	713.1	740.8	763.5	781.6	795.1
142.5°	425.8	455.4	489.6	521.9	552.2	582.3	609.9	634.4	655.7	673.7	688.2
145°	374.2	397.7	421.9	444.9	467.5	492.7	515.7	536.2	554.1	569.4	581.9
147.5°	336.3	352.6	368.6	384.2	401.7	419.6	435.9	450.5	463.4	474.5	483.6
150°	302.1	314.1	325.6	336.7	349.5	361.6	372.8	383.2	392.5	400.5	407.3
152.5°	274.8	281.8	288.7	296.8	305.7	313.9	321.5	328.2	334.1	339.1	343.0
155°	251.9	256.2	260.6	266.1	271.3	276.1	280.5	284.4	287.8	290.7	292.8
157.5°	229.9	233.0	236.1	239.2	242.2	245.0	247.5	249.8	251.6	253.0	255.3
160°	205.9	207.7	209.7	211.6	213.4	214.9	216.3	217.3	218.0	218.3	219.4
162.5°	181.4	182.5	183.3	184.0	184.5	184.6	184.5	184.1	183.4	182.4	181.8
165°	155.6	156.5	157.1	157.4	157.4	157.1	156.4	155.5	154.2	152.7	151.4
167.5°	131.7	132.3	132.7	132.8	132.6	132.2	131.5	130.6	129.5	128.1	126.8
170°	107.5	108.3	109.0	109.5	109.8	109.8	109.7	109.3	108.7	108.8	107.4
172.5°	83.6	84.2	84.7	85.0	85.2	85.2	85.2	84.9	84.6	84.6	83.7
175°	58.9	59.7	60.3	60.9	61.3	61.6	61.8	61.9	62.8	62.3	61.7
177.5°	29.8	30.1	30.3	30.5	30.6	30.7	31.7	31.4	31.1	30.8	30.5
180°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0



TEST NUMBER: P231983

CATALOG NUMBER: FVS4WM-4-LD4-50-2LO-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	357.5°	360°
0°	2.4	2.4
2.5°	30.2	29.9
5°	61.2	60.6
7.5°	82.7	81.8
10°	106.0	104.6
12.5°	124.8	122.7
15°	148.9	146.3
17.5°	179.4	177.0
20°	217.8	216.3
22.5°	254.7	254.1
25°	294.7	295.0
27.5°	346.5	347.7
30°	413.4	416.2
32.5°	491.8	495.6
35°	592.9	597.9
37.5°	700.9	706.5
40°	806.3	809.5
42.5°	923.8	923.6
45°	1065.1	1062.1
47.5°	1250.6	1246.9
50°	1464.6	1461.7
52.5°	1732.8	1739.4
55°	1962.5	1980.2
57.5°	2166.5	2196.5
60°	2322.8	2358.6
62.5°	2436.6	2482.1
65°	2533.2	2574.1
67.5°	2619.1	2658.3
70°	2699.9	2729.9
72.5°	2765.5	2787.3
75°	2816.3	2827.4
77.5°	2864.7	2880.2
80°	2887.7	2899.8
82.5°	2911.8	2927.4
85°	2919.8	2932.9
87.5°	2912.7	2944.7
90°	2910.1	2932.1
92.5°	2912.7	2944.7
95°	2919.8	2932.9
97.5°	2911.8	2927.4
100°	2887.7	2899.8
102.5°	2864.7	2880.2
105°	2816.3	2827.4
107.5°	2765.5	2787.3
110°	2699.9	2729.9



TEST NUMBER: P231983

CATALOG NUMBER: FVS4WM-4-LD4-50-2LO-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	357.5°	360°
112.5°	2619.1	2658.3
115°	2533.2	2574.1
117.5°	2436.6	2482.1
120°	2322.8	2358.6
122.5°	2166.5	2196.5
125°	1962.5	1980.2
127.5°	1732.8	1739.4
130°	1464.6	1461.7
132.5°	1250.6	1246.9
135°	1065.1	1062.1
137.5°	923.8	923.6
140°	806.3	809.5
142.5°	700.9	706.5
145°	592.9	597.9
147.5°	491.8	495.6
150°	413.4	416.2
152.5°	346.5	347.7
155°	294.7	295.0
157.5°	254.7	254.1
160°	217.8	216.3
162.5°	179.4	177.0
165°	148.9	146.3
167.5°	124.8	122.7
170°	106.0	104.6
172.5°	82.7	81.8
175°	61.2	60.6
177.5°	30.2	29.9
180°	2.0	2.0

(END OF REPORT)