

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: P231986

Luminaire Tested: **FVS4WM-4-LD4-40-2STD-P125-UNV-EDC1**

Issue Date: 3/3/2020



Test Information

Test Method: LM-79-08
Report Number: P231986
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-LD4-40-2STD-P125-UNV-EDC1
Description: FAILSAFE FVS LED FIXTURE
4FT LENGTH, 2-MODULE LED WITH P125 LENS
Light Source: (168) 4000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

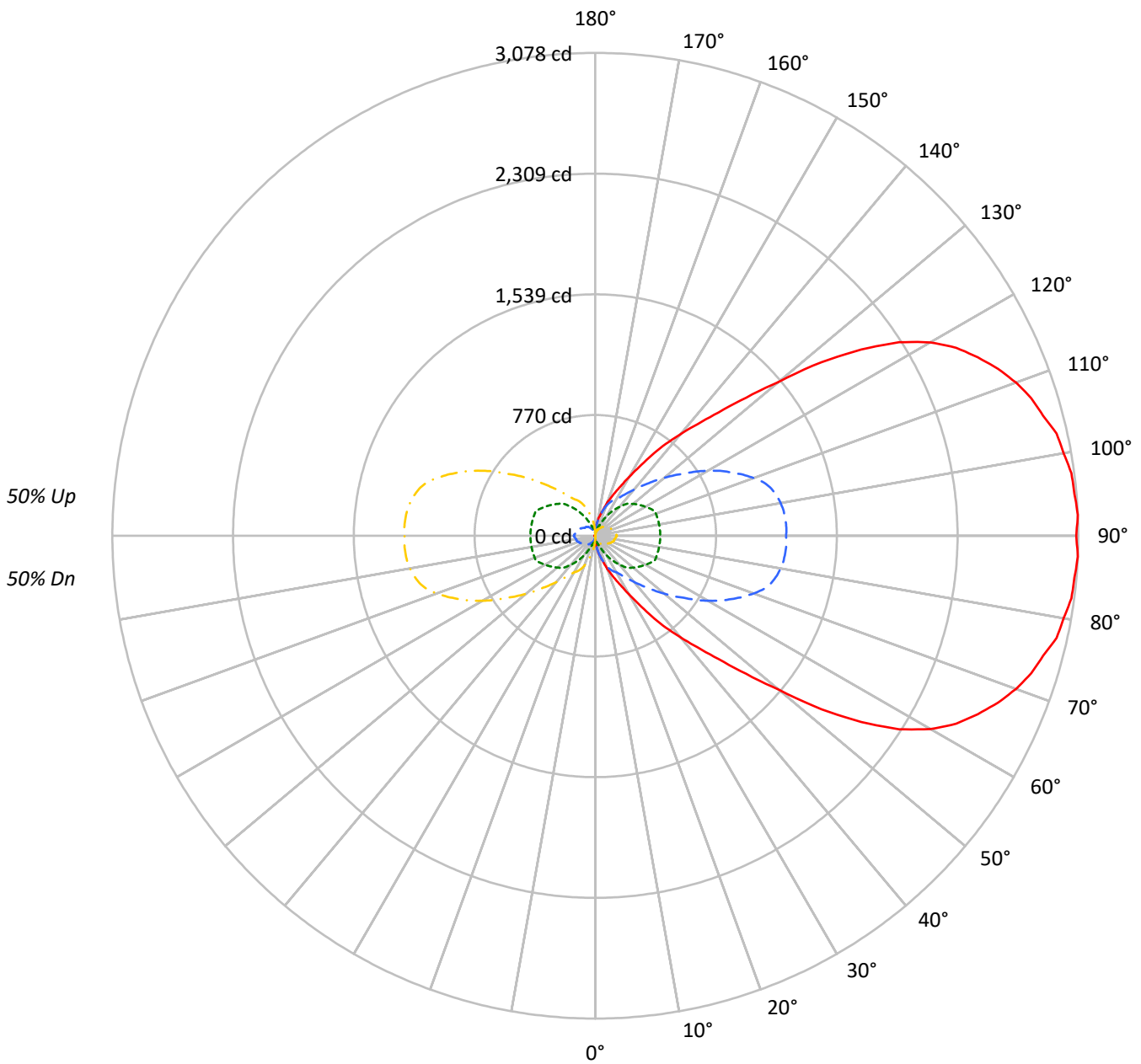
Lumens per Lamp: N/A
Luminaire Lumens: 7120.8 lumens
Efficiency: N/A
Efficacy: 105.5 lumens/watt
Spacing Criteria (0/90/45): 21.28 / 13.66 / 14.53
Luminous Opening: Rectangular w/ Sides (W: 3.79' x L: 0.19' x H: 0.31')
CIE Type: General Diffuse

Input Watts (W): 67.5
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT

TEST NUMBER: P231986

CATALOG NUMBER: FVS4WM-4-LD4-40-2STD-P125-UNV-EDC1

Luminous Intensity Polar Plot



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



TEST NUMBER: P231986

CATALOG NUMBER: FVS4WM-4-LD4-40-2STD-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°	38	38	38	38
5°	840	278	33	278
10°	1300	520	19	520
15°	1657	770	27	770
20°	2267	1034	25	1034
25°	2898	1573	24	1573
30°	3876	2428	22	2428
35°	5330	3376	21	3376
40°	6972	4453	21	4453
45°	8913	5709	26	5709
50°	12051	6769	26	6769
55°	16162	8093	26	8093
60°	19205	9796	26	9796
65°	21071	12080	26	12080
70°	22640	14828	26	14828
75°	23943	18418	33	18418
80°	25283	24516	0	24516
85°	26559	36988	0	36988



TEST NUMBER: P231986

CATALOG NUMBER: FVS4WM-4-LD4-40-2STD-P125-UNV-EDC1

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	3.7	0.1
10°-20°	23.8	0.3
20°-30°	65.8	0.9
30°-40°	145.4	2.0
40°-50°	281.5	4.0
50°-60°	494.9	7.0
60°-70°	718.8	10.1
70°-80°	875.2	12.3
80°-90°	951.3	13.4
90°-100°	951.3	13.4
100°-110°	875.2	12.3
110°-120°	718.8	10.1
120°-130°	494.9	7.0
130°-140°	281.5	4.0
140°-150°	145.4	2.0
150°-160°	65.8	0.9
160°-170°	23.8	0.3
170°-180°	3.7	0.1
0°-30°	93.3	1.3
0°-40°	238.6	3.4
0°-60°	1015.0	14.3
0°-90°	3560.4	50.0
90°-120°	2545.3	35.7
90°-150°	3467.1	48.7
90°-180°	3560.0	50.0
0°-180°	7120.8	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	2	2	2	2	2	
5°	63	18	2	18	63	7
15°	153	50	2	50	153	47
25°	308	98	2	98	308	149
35°	625	193	2	193	625	401
45°	1110	289	3	289	1110	891
55°	2070	343	3	343	2070	1843
65°	2690	397	3	397	2690	2663
75°	2955	412	4	412	2955	3127
85°	3065	414	0	414	3065	2500
90°	3065	414	0	414	3065	1683
95°	3065	414	0	414	3065	2500
105°	2955	412	4	412	2955	3127
115°	2690	397	3	397	2690	2663
125°	2070	343	3	343	2070	1843
135°	1110	289	3	289	1110	891
145°	625	193	2	193	625	401
155°	308	98	2	98	308	149
165°	153	50	2	50	153	47
175°	63	18	2	18	63	7
180°	2	2	2	2	2	



TEST NUMBER: P231986

CATALOG NUMBER: FVS4WM-4-LD4-40-2STD-P125-UNV-EDC1

CANDELA DISTRIBUTION (FULL):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
0°	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
2.5°	31.2	31.5	31.8	32.2	32.5	32.8	33.1	32.1	32.0	31.8	31.6
5°	63.3	63.9	64.5	65.0	65.6	64.7	64.6	64.4	64.0	63.6	63.0
7.5°	85.5	86.5	87.5	88.4	88.4	88.8	89.0	89.1	89.0	88.8	88.5
10°	109.4	110.9	112.3	113.8	113.7	114.3	114.7	114.8	114.8	114.5	114.0
12.5°	128.3	130.5	132.6	133.9	135.4	136.6	137.5	138.3	138.7	138.9	138.8
15°	152.9	155.6	158.2	159.6	161.2	162.5	163.5	164.2	164.5	164.6	164.3
17.5°	185.0	187.5	190.0	190.6	191.7	192.5	192.9	193.0	192.8	192.3	191.6
20°	226.1	227.7	229.3	228.2	227.9	227.2	226.1	224.7	223.0	221.2	219.2
22.5°	265.6	266.2	266.8	264.5	263.0	261.1	258.7	256.1	253.2	250.1	246.8
25°	308.3	308.0	306.1	303.8	300.8	297.3	293.2	288.5	283.5	278.1	272.4
27.5°	363.4	362.2	358.5	354.4	349.2	343.0	336.0	328.1	319.5	310.2	301.8
30°	435.0	432.0	425.7	418.6	410.2	400.5	389.7	377.9	365.3	351.9	340.3
32.5°	518.0	514.0	505.5	496.0	484.4	470.9	455.6	438.5	419.8	401.6	385.2
35°	624.9	619.7	608.1	595.1	579.2	560.4	539.0	515.0	488.7	465.0	441.0
37.5°	738.4	732.6	719.2	704.1	685.3	663.1	637.5	608.6	577.1	545.5	511.7
40°	846.1	842.7	831.1	816.9	798.0	774.2	745.3	711.2	674.5	636.4	595.4
42.5°	965.3	965.5	955.5	942.4	923.4	898.1	866.3	828.0	786.8	740.4	688.2
45°	1110.1	1113.2	1103.2	1089.4	1068.3	1039.8	1003.9	966.6	914.8	861.2	802.8
47.5°	1303.3	1307.2	1292.6	1273.4	1245.1	1207.8	1161.9	1111.4	1058.1	996.8	933.9
50°	1527.8	1530.8	1510.8	1485.5	1449.5	1403.3	1347.5	1287.0	1219.8	1139.8	1066.6
52.5°	1818.0	1811.1	1773.7	1731.6	1678.9	1617.5	1549.1	1477.9	1389.1	1293.0	1201.4
55°	2069.6	2051.1	2004.3	1954.0	1895.0	1829.7	1757.0	1666.3	1557.1	1446.7	1336.5
57.5°	2295.8	2264.4	2205.6	2144.2	2075.4	2001.8	1922.1	1826.2	1726.8	1596.3	1470.1
60°	2465.1	2427.7	2366.2	2300.8	2226.7	2145.4	2056.6	1961.3	1854.5	1734.2	1602.5
62.5°	2594.2	2546.7	2489.3	2423.2	2349.5	2270.3	2176.1	2078.3	1970.4	1855.1	1720.2
65°	2690.4	2647.6	2594.1	2528.8	2450.8	2364.2	2275.0	2178.4	2069.0	1952.7	1825.2
67.5°	2778.4	2737.4	2686.2	2624.1	2550.8	2460.5	2360.1	2256.4	2149.7	2032.9	1910.5
70°	2853.3	2821.9	2777.4	2716.6	2632.8	2539.0	2440.0	2328.2	2213.0	2102.9	1992.1
72.5°	2913.3	2890.5	2855.5	2805.8	2718.6	2608.3	2500.3	2389.3	2278.5	2169.7	2059.5
75°	2955.2	2943.6	2919.5	2860.3	2762.9	2661.5	2550.4	2446.2	2340.7	2226.8	2112.6
77.5°	3010.3	2994.2	2970.0	2903.5	2804.9	2687.0	2598.1	2496.1	2386.9	2273.0	2154.6
80°	3030.9	3018.2	2993.6	2944.5	2846.7	2737.2	2634.8	2536.8	2421.3	2305.6	2185.8
82.5°	3059.6	3043.4	3011.6	2964.3	2886.6	2768.6	2662.2	2555.7	2443.9	2331.7	2215.4
85°	3065.4	3051.7	3023.8	2979.8	2896.2	2782.5	2676.8	2577.8	2461.0	2349.6	2234.4
87.5°	3077.7	3044.4	3028.8	2995.5	2911.0	2797.6	2685.4	2589.9	2464.2	2354.8	2242.0
90°	3064.6	3041.6	3019.4	2998.8	2909.2	2789.9	2678.9	2586.8	2453.6	2347.6	2238.2
92.5°	3077.7	3044.4	3028.8	2995.5	2911.0	2797.6	2685.4	2589.9	2464.2	2354.8	2242.0
95°	3065.4	3051.7	3023.8	2979.8	2896.2	2782.5	2676.8	2577.8	2461.0	2349.6	2234.4
97.5°	3059.6	3043.4	3011.6	2964.3	2886.6	2768.6	2662.2	2555.7	2443.9	2331.7	2215.4
100°	3030.9	3018.2	2993.6	2944.5	2846.7	2737.2	2634.8	2536.8	2421.3	2305.6	2185.8
102.5°	3010.3	2994.2	2970.0	2903.5	2804.9	2687.0	2598.1	2496.1	2386.9	2273.0	2154.6
105°	2955.2	2943.6	2919.5	2860.3	2762.9	2661.5	2550.4	2446.2	2340.7	2226.8	2112.6
107.5°	2913.3	2890.5	2855.5	2805.8	2718.6	2608.3	2500.3	2389.3	2278.5	2169.7	2059.5
110°	2853.3	2821.9	2777.4	2716.6	2632.8	2539.0	2440.0	2328.2	2213.0	2102.9	1992.1



TEST NUMBER: P231986

CATALOG NUMBER: FVS4WM-4-LD4-40-2STD-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
112.5°	2778.4	2737.4	2686.2	2624.1	2550.8	2460.5	2360.1	2256.4	2149.7	2032.9	1910.5
115°	2690.4	2647.6	2594.1	2528.8	2450.8	2364.2	2275.0	2178.4	2069.0	1952.7	1825.2
117.5°	2594.2	2546.7	2489.3	2423.2	2349.5	2270.3	2176.1	2078.3	1970.4	1855.1	1720.2
120°	2465.1	2427.7	2366.2	2300.8	2226.7	2145.4	2056.6	1961.3	1854.5	1734.2	1602.5
122.5°	2295.8	2264.4	2205.6	2144.2	2075.4	2001.8	1922.1	1826.2	1726.8	1596.3	1470.1
125°	2069.6	2051.1	2004.3	1954.0	1895.0	1829.7	1757.0	1666.3	1557.1	1446.7	1336.5
127.5°	1818.0	1811.1	1773.7	1731.6	1678.9	1617.5	1549.1	1477.9	1389.1	1293.0	1201.4
130°	1527.8	1530.8	1510.8	1485.5	1449.5	1403.3	1347.5	1287.0	1219.8	1139.8	1066.6
132.5°	1303.3	1307.2	1292.6	1273.4	1245.1	1207.8	1161.9	1111.4	1058.1	996.8	933.9
135°	1110.1	1113.2	1103.2	1089.4	1068.3	1039.8	1003.9	966.6	914.8	861.2	802.8
137.5°	965.3	965.5	955.5	942.4	923.4	898.1	866.3	828.0	786.8	740.4	688.2
140°	846.1	842.7	831.1	816.9	798.0	774.2	745.3	711.2	674.5	636.4	595.4
142.5°	738.4	732.6	719.2	704.1	685.3	663.1	637.5	608.6	577.1	545.5	511.7
145°	624.9	619.7	608.1	595.1	579.2	560.4	539.0	515.0	488.7	465.0	441.0
147.5°	518.0	514.0	505.5	496.0	484.4	470.9	455.6	438.5	419.8	401.6	385.2
150°	435.0	432.0	425.7	418.6	410.2	400.5	389.7	377.9	365.3	351.9	340.3
152.5°	363.4	362.2	358.5	354.4	349.2	343.0	336.0	328.1	319.5	310.2	301.8
155°	308.3	308.0	306.1	303.8	300.8	297.3	293.2	288.5	283.5	278.1	272.4
157.5°	265.6	266.2	266.8	264.5	263.0	261.1	258.7	256.1	253.2	250.1	246.8
160°	226.1	227.7	229.3	228.2	227.9	227.2	226.1	224.7	223.0	221.2	219.2
162.5°	185.0	187.5	190.0	190.6	191.7	192.5	192.9	193.0	192.8	192.3	191.6
165°	152.9	155.6	158.2	159.6	161.2	162.5	163.5	164.2	164.5	164.6	164.3
167.5°	128.3	130.5	132.6	133.9	135.4	136.6	137.5	138.3	138.7	138.9	138.8
170°	109.4	110.9	112.3	113.8	113.7	114.3	114.7	114.8	114.8	114.5	114.0
172.5°	85.5	86.5	87.5	88.4	88.4	88.8	89.0	89.1	89.0	88.8	88.5
175°	63.3	63.9	64.5	65.0	65.6	64.7	64.6	64.4	64.0	63.6	63.0
177.5°	31.2	31.5	31.8	32.2	32.5	32.8	33.1	32.1	32.0	31.8	31.6
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: P231986

CATALOG NUMBER: FVS4WM-4-LD4-40-2STD-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
0°	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
2.5°	31.4	31.1	30.7	30.3	29.8	29.3	28.7	28.1	27.4	26.7	26.0
5°	62.3	61.5	60.6	59.6	58.5	57.2	55.9	54.4	52.9	51.3	49.5
7.5°	88.0	87.3	86.5	85.6	84.5	83.2	81.8	80.3	78.7	76.4	73.8
10°	113.3	112.3	111.2	109.8	108.2	106.4	104.4	102.4	100.2	97.7	95.1
12.5°	138.4	137.7	136.7	135.5	133.8	131.5	129.0	126.2	123.1	119.8	116.2
15°	163.6	162.7	161.4	160.0	158.2	156.0	153.5	150.6	147.3	143.3	138.9
17.5°	190.7	189.6	188.1	186.3	184.0	181.4	178.5	175.1	171.2	166.8	162.0
20°	217.1	215.2	213.4	211.4	209.3	207.0	203.9	200.1	195.9	191.3	185.8
22.5°	243.5	240.3	237.2	234.3	231.4	228.7	226.0	223.3	220.6	215.2	209.5
25°	267.8	263.3	258.9	254.6	250.9	247.7	244.8	242.2	239.2	236.2	233.8
27.5°	294.6	287.2	279.7	273.1	268.2	263.7	260.1	256.9	254.8	252.7	249.8
30°	328.3	315.8	303.9	294.7	286.1	277.7	273.0	268.9	268.7	271.0	273.2
32.5°	368.5	351.5	336.2	321.5	306.7	296.0	291.9	289.6	290.7	291.7	293.8
35°	415.6	391.1	371.8	352.6	338.8	330.2	320.7	317.2	313.5	313.3	314.3
37.5°	476.0	445.1	414.9	396.7	383.4	370.3	359.0	347.9	340.7	336.4	335.1
40°	552.9	514.2	484.2	459.2	435.8	415.4	399.7	384.5	371.9	362.5	357.5
42.5°	641.4	604.4	567.3	532.9	500.2	470.9	443.7	425.1	406.7	392.6	382.6
45°	752.0	699.6	655.0	612.1	571.8	531.8	499.2	467.8	446.1	425.7	410.2
47.5°	870.4	806.7	748.5	692.9	646.2	601.0	557.4	520.9	487.2	462.5	441.6
50°	992.4	919.9	846.4	781.4	721.8	669.4	621.1	574.4	536.0	501.8	474.0
52.5°	1112.1	1031.1	950.8	871.0	799.7	737.1	682.8	632.6	586.2	544.8	523.9
55°	1233.8	1136.3	1049.1	964.2	879.2	805.5	740.8	690.1	649.5	615.6	592.1
57.5°	1351.7	1240.1	1139.7	1049.1	961.5	874.3	812.5	761.6	719.8	682.9	657.6
60°	1464.4	1339.5	1224.8	1124.6	1043.4	963.1	886.4	828.9	785.3	748.3	719.7
62.5°	1577.6	1431.2	1311.2	1213.0	1124.6	1043.1	962.1	895.8	845.9	807.7	777.9
65°	1678.1	1537.5	1403.0	1296.6	1202.3	1115.3	1033.1	955.7	902.7	863.9	834.9
67.5°	1781.2	1636.8	1496.2	1372.1	1272.9	1180.8	1096.9	1018.0	958.2	916.3	887.1
70°	1864.9	1721.2	1581.8	1438.3	1335.2	1242.5	1155.0	1074.8	1007.7	964.4	934.8
72.5°	1939.4	1791.9	1643.7	1503.7	1385.2	1296.6	1206.8	1127.9	1053.2	1010.0	980.8
75°	1993.0	1855.3	1696.3	1555.6	1423.2	1342.0	1248.6	1161.4	1090.4	1047.3	1021.7
77.5°	2037.7	1906.9	1740.4	1596.6	1464.1	1363.1	1270.5	1183.8	1116.9	1078.3	1059.3
80°	2069.3	1943.3	1787.6	1630.4	1494.6	1381.6	1287.0	1199.8	1136.1	1104.2	1094.2
82.5°	2096.9	1973.4	1823.7	1656.1	1515.8	1397.2	1298.2	1210.2	1149.3	1126.0	1126.9
85°	2113.9	1994.3	1848.0	1673.3	1528.4	1409.3	1304.3	1215.8	1158.0	1145.2	1158.1
87.5°	2120.6	2010.6	1866.3	1686.3	1536.2	1419.8	1307.8	1218.7	1163.8	1162.6	1188.3
90°	2117.3	2005.5	1860.0	1680.7	1530.2	1419.2	1302.5	1216.1	1168.4	1180.8	1218.6
92.5°	2120.6	2010.6	1866.3	1686.3	1536.2	1419.8	1307.8	1218.7	1163.8	1162.6	1188.3
95°	2113.9	1994.3	1848.0	1673.3	1528.4	1409.3	1304.3	1215.8	1158.0	1145.2	1158.1
97.5°	2096.9	1973.4	1823.7	1656.1	1515.8	1397.2	1298.2	1210.2	1149.3	1126.0	1126.9
100°	2069.3	1943.3	1787.6	1630.4	1494.6	1381.6	1287.0	1199.8	1136.1	1104.2	1094.2
102.5°	2037.7	1906.9	1740.4	1596.6	1464.1	1363.1	1270.5	1183.8	1116.9	1078.3	1059.3
105°	1993.0	1855.3	1696.3	1555.6	1423.2	1342.0	1248.6	1161.4	1090.4	1047.3	1021.7
107.5°	1939.4	1791.9	1643.7	1503.7	1385.2	1296.6	1206.8	1127.9	1053.2	1010.0	980.8
110°	1864.9	1721.2	1581.8	1438.3	1335.2	1242.5	1155.0	1074.8	1007.7	964.4	934.8



TEST NUMBER: P231986

CATALOG NUMBER: FVS4WM-4-LD4-40-2STD-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°	1781.2	1636.8	1496.2	1372.1	1272.9	1180.8	1096.9	1018.0	958.2	916.3	887.1
115°	1678.1	1537.5	1403.0	1296.6	1202.3	1115.3	1033.1	955.7	902.7	863.9	834.9
117.5°	1577.6	1431.2	1311.2	1213.0	1124.6	1043.1	962.1	895.8	845.9	807.7	777.9
120°	1464.4	1339.5	1224.8	1124.6	1043.4	963.1	886.4	828.9	785.3	748.3	719.7
122.5°	1351.7	1240.1	1139.7	1049.1	961.5	874.3	812.5	761.6	719.8	682.9	657.6
125°	1233.8	1136.3	1049.1	964.2	879.2	805.5	740.8	690.1	649.5	615.6	592.1
127.5°	1112.1	1031.1	950.8	871.0	799.7	737.1	682.8	632.6	586.2	544.8	523.9
130°	992.4	919.9	846.4	781.4	721.8	669.4	621.1	574.4	536.0	501.8	474.0
132.5°	870.4	806.7	748.5	692.9	646.2	601.0	557.4	520.9	487.2	462.5	441.6
135°	752.0	699.6	655.0	612.1	571.8	531.8	499.2	467.8	446.1	425.7	410.2
137.5°	641.4	604.4	567.3	532.9	500.2	470.9	443.7	425.1	406.7	392.6	382.6
140°	552.9	514.2	484.2	459.2	435.8	415.4	399.7	384.5	371.9	362.5	357.5
142.5°	476.0	445.1	414.9	396.7	383.4	370.3	359.0	347.9	340.7	336.4	335.1
145°	415.6	391.1	371.8	352.6	338.8	330.2	320.7	317.2	313.5	313.3	314.3
147.5°	368.5	351.5	336.2	321.5	306.7	296.0	291.9	289.6	290.7	291.7	293.8
150°	328.3	315.8	303.9	294.7	286.1	277.7	273.0	268.9	268.7	271.0	273.2
152.5°	294.6	287.2	279.7	273.1	268.2	263.7	260.1	256.9	254.8	252.7	249.8
155°	267.8	263.3	258.9	254.6	250.9	247.7	244.8	242.2	239.2	236.2	233.8
157.5°	243.5	240.3	237.2	234.3	231.4	228.7	226.0	223.3	220.6	215.2	209.5
160°	217.1	215.2	213.4	211.4	209.3	207.0	203.9	200.1	195.9	191.3	185.8
162.5°	190.7	189.6	188.1	186.3	184.0	181.4	178.5	175.1	171.2	166.8	162.0
165°	163.6	162.7	161.4	160.0	158.2	156.0	153.5	150.6	147.3	143.3	138.9
167.5°	138.4	137.7	136.7	135.5	133.8	131.5	129.0	126.2	123.1	119.8	116.2
170°	113.3	112.3	111.2	109.8	108.2	106.4	104.4	102.4	100.2	97.7	95.1
172.5°	88.0	87.3	86.5	85.6	84.5	83.2	81.8	80.3	78.7	76.4	73.8
175°	62.3	61.5	60.6	59.6	58.5	57.2	55.9	54.4	52.9	51.3	49.5
177.5°	31.4	31.1	30.7	30.3	29.8	29.3	28.7	28.1	27.4	26.7	26.0
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: P231986

CATALOG NUMBER: FVS4WM-4-LD4-40-2STD-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
2.5°	25.2	24.3	23.5	22.5	21.6	20.6	19.6	18.5	17.4	16.3	15.2
5°	47.7	45.8	43.9	42.0	40.2	38.2	36.2	34.2	32.1	29.9	27.7
7.5°	71.1	68.3	65.3	62.3	59.1	55.9	52.5	49.4	46.3	43.2	39.9
10°	92.4	89.4	86.5	82.2	78.1	73.8	69.5	65.0	60.4	56.1	51.9
12.5°	112.6	108.8	104.8	100.6	96.2	91.3	85.9	80.4	74.8	69.1	63.7
15°	134.2	129.2	124.6	118.8	113.4	107.7	101.8	95.4	88.8	82.1	75.3
17.5°	157.5	150.8	144.5	137.9	131.1	124.3	117.3	110.0	102.5	94.9	87.1
20°	179.6	172.9	165.7	158.0	149.9	141.4	133.2	124.6	115.9	107.3	98.6
22.5°	203.5	196.0	187.6	178.7	169.3	159.6	149.5	139.6	129.5	119.4	109.9
25°	226.1	218.8	210.5	200.2	191.5	182.8	173.7	164.2	155.0	145.2	135.9
27.5°	249.3	245.6	239.7	233.0	224.0	214.6	204.9	194.7	184.6	174.3	163.9
30°	273.5	273.0	269.7	263.1	255.4	245.7	235.5	224.8	214.4	203.0	192.0
32.5°	296.1	296.6	295.9	291.9	284.6	275.7	265.3	254.3	242.6	231.2	219.6
35°	316.2	318.6	319.0	318.2	312.4	304.5	294.2	284.0	271.1	258.9	247.0
37.5°	336.2	338.4	341.0	340.8	340.3	331.4	322.2	311.2	299.2	286.3	274.1
40°	356.4	357.8	360.5	362.9	362.2	357.6	349.1	338.4	326.7	313.5	300.8
42.5°	377.2	377.5	379.5	382.8	383.9	383.3	374.7	364.8	353.6	340.3	327.2
45°	401.3	396.4	398.6	401.7	405.2	404.9	399.6	390.6	379.6	366.8	353.2
47.5°	424.8	418.8	417.3	420.1	424.4	428.9	431.1	424.1	413.0	398.4	380.8
50°	454.5	444.0	452.7	467.5	478.5	483.5	481.4	469.6	453.4	433.5	410.1
52.5°	512.3	511.2	521.5	533.7	542.5	542.2	533.8	517.7	496.0	470.3	440.8
55°	579.6	578.8	587.2	601.9	609.9	604.2	589.8	568.2	540.5	508.5	472.8
57.5°	643.9	642.1	649.9	669.4	677.6	670.0	649.1	620.8	586.7	547.9	505.8
60°	702.8	702.6	713.5	733.6	746.8	739.6	711.4	675.3	634.2	588.6	539.7
62.5°	761.5	761.6	774.1	795.8	817.4	812.3	776.1	731.5	683.0	630.5	574.4
65°	817.8	816.4	831.7	856.1	888.9	883.1	842.4	789.6	733.0	673.2	609.7
67.5°	870.0	867.4	886.9	915.8	952.4	952.7	910.9	849.2	784.0	716.6	645.5
70°	919.4	918.6	941.4	972.3	1003.0	999.3	949.4	875.9	801.0	728.0	653.2
72.5°	965.1	961.2	976.8	999.6	1017.2	1008.2	957.2	881.5	804.1	730.9	656.1
75°	1006.0	999.8	1010.7	1030.2	1036.6	1019.0	964.3	886.3	806.1	733.0	658.3
77.5°	1045.7	1038.5	1045.1	1063.5	1060.2	1031.1	970.5	890.3	807.3	734.2	659.7
80°	1084.5	1077.1	1080.1	1099.0	1087.0	1044.0	975.7	893.3	807.5	734.6	660.4
82.5°	1122.5	1115.7	1115.7	1136.0	1115.9	1057.2	979.9	895.3	806.7	734.2	662.9
85°	1159.8	1154.2	1151.9	1173.9	1145.9	1073.2	985.7	898.8	806.8	734.5	660.9
87.5°	1196.8	1192.7	1188.3	1212.4	1176.8	1083.0	985.4	896.7	803.0	731.5	659.0
90°	1233.4	1230.9	1226.0	1249.8	1204.6	1092.8	985.1	894.6	799.2	728.5	657.0
92.5°	1196.8	1192.7	1188.3	1212.4	1176.8	1083.0	985.4	896.7	803.0	731.5	659.0
95°	1159.8	1154.2	1151.9	1173.9	1145.9	1073.2	985.7	898.8	806.8	734.5	660.9
97.5°	1122.5	1115.7	1115.7	1136.0	1115.9	1057.2	979.9	895.3	806.7	734.2	662.9
100°	1084.5	1077.1	1080.1	1099.0	1087.0	1044.0	975.7	893.3	807.5	734.6	660.4
102.5°	1045.7	1038.5	1045.1	1063.5	1060.2	1031.1	970.5	890.3	807.3	734.2	659.7
105°	1006.0	999.8	1010.7	1030.2	1036.6	1019.0	964.3	886.3	806.1	733.0	658.3
107.5°	965.1	961.2	976.8	999.6	1017.2	1008.2	957.2	881.5	804.1	730.9	656.1
110°	919.4	918.6	941.4	972.3	1003.0	999.3	949.4	875.9	801.0	728.0	653.2



TEST NUMBER: P231986

CATALOG NUMBER: FVS4WM-4-LD4-40-2STD-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
112.5°	870.0	867.4	886.9	915.8	952.4	952.7	910.9	849.2	784.0	716.6	645.5
115°	817.8	816.4	831.7	856.1	888.9	883.1	842.4	789.6	733.0	673.2	609.7
117.5°	761.5	761.6	774.1	795.8	817.4	812.3	776.1	731.5	683.0	630.5	574.4
120°	702.8	702.6	713.5	733.6	746.8	739.6	711.4	675.3	634.2	588.6	539.7
122.5°	643.9	642.1	649.9	669.4	677.6	670.0	649.1	620.8	586.7	547.9	505.8
125°	579.6	578.8	587.2	601.9	609.9	604.2	589.8	568.2	540.5	508.5	472.8
127.5°	512.3	511.2	521.5	533.7	542.5	542.2	533.8	517.7	496.0	470.3	440.8
130°	454.5	444.0	452.7	467.5	478.5	483.5	481.4	469.6	453.4	433.5	410.1
132.5°	424.8	418.8	417.3	420.1	424.4	428.9	431.1	424.1	413.0	398.4	380.8
135°	401.3	396.4	398.6	401.7	405.2	404.9	399.6	390.6	379.6	366.8	353.2
137.5°	377.2	377.5	379.5	382.8	383.9	383.3	374.7	364.8	353.6	340.3	327.2
140°	356.4	357.8	360.5	362.9	362.2	357.6	349.1	338.4	326.7	313.5	300.8
142.5°	336.2	338.4	341.0	340.8	340.3	331.4	322.2	311.2	299.2	286.3	274.1
145°	316.2	318.6	319.0	318.2	312.4	304.5	294.2	284.0	271.1	258.9	247.0
147.5°	296.1	296.6	295.9	291.9	284.6	275.7	265.3	254.3	242.6	231.2	219.6
150°	273.5	273.0	269.7	263.1	255.4	245.7	235.5	224.8	214.4	203.0	192.0
152.5°	249.3	245.6	239.7	233.0	224.0	214.6	204.9	194.7	184.6	174.3	163.9
155°	226.1	218.8	210.5	200.2	191.5	182.8	173.7	164.2	155.0	145.2	135.9
157.5°	203.5	196.0	187.6	178.7	169.3	159.6	149.5	139.6	129.5	119.4	109.9
160°	179.6	172.9	165.7	158.0	149.9	141.4	133.2	124.6	115.9	107.3	98.6
162.5°	157.5	150.8	144.5	137.9	131.1	124.3	117.3	110.0	102.5	94.9	87.1
165°	134.2	129.2	124.6	118.8	113.4	107.7	101.8	95.4	88.8	82.1	75.3
167.5°	112.6	108.8	104.8	100.6	96.2	91.3	85.9	80.4	74.8	69.1	63.7
170°	92.4	89.4	86.5	82.2	78.1	73.8	69.5	65.0	60.4	56.1	51.9
172.5°	71.1	68.3	65.3	62.3	59.1	55.9	52.5	49.4	46.3	43.2	39.9
175°	47.7	45.8	43.9	42.0	40.2	38.2	36.2	34.2	32.1	29.9	27.7
177.5°	25.2	24.3	23.5	22.5	21.6	20.6	19.6	18.5	17.4	16.3	15.2
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: P231986

CATALOG NUMBER: FVS4WM-4-LD4-40-2STD-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
0°	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
2.5°	14.0	12.9	11.7	10.4	10.4	10.3	10.2	10.1	9.9	9.8	9.7
5°	25.4	23.1	20.8	18.4	18.2	18.0	17.7	17.5	17.2	16.8	16.5
7.5°	36.6	33.2	29.8	26.3	26.0	25.6	25.1	24.7	24.2	23.6	23.0
10°	47.6	43.2	38.8	34.3	33.7	33.1	32.4	31.7	30.9	30.2	29.8
12.5°	58.4	53.1	47.7	42.2	41.4	40.5	39.6	38.6	37.7	37.3	36.7
15°	69.1	62.9	56.6	50.2	49.0	47.8	46.6	45.4	44.8	44.2	43.5
17.5°	79.5	72.5	65.4	58.1	56.6	55.1	53.5	52.5	51.8	51.0	50.1
20°	89.9	82.0	74.1	66.1	64.2	62.3	60.3	59.5	58.6	57.7	56.5
22.5°	100.3	91.4	82.7	74.0	71.7	69.3	67.5	66.5	65.4	64.2	62.9
25°	126.3	116.7	107.5	97.8	94.6	91.0	88.1	85.5	82.6	79.6	76.4
27.5°	153.4	142.6	132.3	121.7	117.5	113.0	109.4	105.7	101.9	98.0	93.8
30°	180.4	168.5	157.2	145.5	140.4	134.8	130.3	125.5	120.7	115.7	110.4
32.5°	207.3	194.5	182.1	169.4	163.1	156.6	150.8	144.8	138.8	132.6	126.1
35°	234.3	220.5	207.0	193.2	185.7	178.1	170.9	163.7	156.5	148.9	141.2
37.5°	261.1	246.4	231.8	217.1	208.3	199.4	190.7	182.2	174.0	164.6	155.7
40°	287.8	272.3	256.7	240.9	230.8	220.5	210.2	200.3	190.2	179.7	169.6
42.5°	314.4	298.1	281.5	264.8	253.2	241.4	229.7	218.1	206.3	194.6	183.0
45°	340.5	323.9	306.4	288.6	275.6	262.1	248.4	235.5	222.0	208.6	195.9
47.5°	364.0	343.9	322.8	302.1	286.4	270.9	256.0	242.6	229.2	216.5	203.9
50°	388.0	364.1	339.3	315.6	297.0	279.0	262.3	247.3	233.3	220.7	207.3
52.5°	412.9	384.5	356.0	329.2	307.5	286.9	268.3	252.1	237.5	225.1	211.2
55°	438.6	405.3	372.7	342.7	317.9	294.6	274.3	257.0	242.1	229.8	215.7
57.5°	464.9	426.3	389.5	356.2	328.1	302.1	280.1	262.0	247.1	234.6	220.7
60°	491.8	447.6	406.4	369.7	338.3	309.6	285.9	267.1	252.3	239.7	226.8
62.5°	519.1	469.0	423.3	383.3	348.4	316.9	291.6	272.2	257.6	245.2	232.6
65°	546.9	490.6	440.3	396.8	358.5	324.2	297.3	277.5	263.2	251.1	239.5
67.5°	574.9	512.2	457.3	410.3	368.5	331.4	302.9	282.9	269.0	257.3	246.7
70°	580.4	516.9	460.1	410.8	366.7	329.4	301.1	281.3	268.2	257.7	248.7
72.5°	583.6	520.8	462.8	411.2	365.0	327.3	298.9	278.8	265.9	255.9	247.6
75°	586.3	524.5	467.3	411.7	363.2	325.3	296.8	276.4	263.8	254.3	246.6
77.5°	588.5	527.9	469.3	412.1	361.6	323.5	294.9	274.2	261.7	252.9	245.9
80°	590.2	533.1	471.3	412.6	360.0	321.8	293.2	272.0	259.8	251.7	245.3
82.5°	592.9	535.3	473.4	413.0	358.4	320.3	291.6	270.0	258.0	250.7	244.8
85°	592.9	537.5	475.4	413.5	357.0	318.9	290.1	268.1	256.3	249.8	244.5
87.5°	592.9	539.7	477.4	413.9	355.6	317.7	288.9	266.4	254.8	249.0	244.3
90°	592.9	541.9	479.4	414.4	354.4	316.6	287.8	264.8	253.3	248.3	244.2
92.5°	592.9	539.7	477.4	413.9	355.6	317.7	288.9	266.4	254.8	249.0	244.3
95°	592.9	537.5	475.4	413.5	357.0	318.9	290.1	268.1	256.3	249.8	244.5
97.5°	592.9	535.3	473.4	413.0	358.4	320.3	291.6	270.0	258.0	250.7	244.8
100°	590.2	533.1	471.3	412.6	360.0	321.8	293.2	272.0	259.8	251.7	245.3
102.5°	588.5	527.9	469.3	412.1	361.6	323.5	294.9	274.2	261.7	252.9	245.9
105°	586.3	524.5	467.3	411.7	363.2	325.3	296.8	276.4	263.8	254.3	246.6
107.5°	583.6	520.8	462.8	411.2	365.0	327.3	298.9	278.8	265.9	255.9	247.6
110°	580.4	516.9	460.1	410.8	366.7	329.4	301.1	281.3	268.2	257.7	248.7



TEST NUMBER: P231986

CATALOG NUMBER: FVS4WM-4-LD4-40-2STD-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°	574.9	512.2	457.3	410.3	368.5	331.4	302.9	282.9	269.0	257.3	246.7
115°	546.9	490.6	440.3	396.8	358.5	324.2	297.3	277.5	263.2	251.1	239.5
117.5°	519.1	469.0	423.3	383.3	348.4	316.9	291.6	272.2	257.6	245.2	232.6
120°	491.8	447.6	406.4	369.7	338.3	309.6	285.9	267.1	252.3	239.7	226.8
122.5°	464.9	426.3	389.5	356.2	328.1	302.1	280.1	262.0	247.1	234.6	220.7
125°	438.6	405.3	372.7	342.7	317.9	294.6	274.3	257.0	242.1	229.8	215.7
127.5°	412.9	384.5	356.0	329.2	307.5	286.9	268.3	252.1	237.5	225.1	211.2
130°	388.0	364.1	339.3	315.6	297.0	279.0	262.3	247.3	233.3	220.7	207.3
132.5°	364.0	343.9	322.8	302.1	286.4	270.9	256.0	242.6	229.2	216.5	203.9
135°	340.5	323.9	306.4	288.6	275.6	262.1	248.4	235.5	222.0	208.6	195.9
137.5°	314.4	298.1	281.5	264.8	253.2	241.4	229.7	218.1	206.3	194.6	183.0
140°	287.8	272.3	256.7	240.9	230.8	220.5	210.2	200.3	190.2	179.7	169.6
142.5°	261.1	246.4	231.8	217.1	208.3	199.4	190.7	182.2	174.0	164.6	155.7
145°	234.3	220.5	207.0	193.2	185.7	178.1	170.9	163.7	156.5	148.9	141.2
147.5°	207.3	194.5	182.1	169.4	163.1	156.6	150.8	144.8	138.8	132.6	126.1
150°	180.4	168.5	157.2	145.5	140.4	134.8	130.3	125.5	120.7	115.7	110.4
152.5°	153.4	142.6	132.3	121.7	117.5	113.0	109.4	105.7	101.9	98.0	93.8
155°	126.3	116.7	107.5	97.8	94.6	91.0	88.1	85.5	82.6	79.6	76.4
157.5°	100.3	91.4	82.7	74.0	71.7	69.3	67.5	66.5	65.4	64.2	62.9
160°	89.9	82.0	74.1	66.1	64.2	62.3	60.3	59.5	58.6	57.7	56.5
162.5°	79.5	72.5	65.4	58.1	56.6	55.1	53.5	52.5	51.8	51.0	50.1
165°	69.1	62.9	56.6	50.2	49.0	47.8	46.6	45.4	44.8	44.2	43.5
167.5°	58.4	53.1	47.7	42.2	41.4	40.5	39.6	38.6	37.7	37.3	36.7
170°	47.6	43.2	38.8	34.3	33.7	33.1	32.4	31.7	30.9	30.2	29.8
172.5°	36.6	33.2	29.8	26.3	26.0	25.6	25.1	24.7	24.2	23.6	23.0
175°	25.4	23.1	20.8	18.4	18.2	18.0	17.7	17.5	17.2	16.8	16.5
177.5°	14.0	12.9	11.7	10.4	10.4	10.3	10.2	10.1	9.9	9.8	9.7
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: P231986

CATALOG NUMBER: FVS4WM-4-LD4-40-2STD-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
0°	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
2.5°	9.5	9.3	9.1	8.9	8.7	8.5	8.2	8.0	7.7	7.5	7.2
5°	16.1	15.7	15.3	14.9	14.4	14.1	13.8	13.5	13.1	12.7	12.3
7.5°	22.5	22.1	21.8	21.4	20.9	20.5	20.0	19.4	18.9	18.3	17.6
10°	29.4	28.9	28.4	27.8	27.2	26.5	25.7	24.9	24.1	23.2	22.3
12.5°	36.1	35.5	34.8	34.0	33.1	32.2	31.2	30.2	29.0	27.8	26.6
15°	42.8	41.8	40.9	39.9	38.8	37.6	36.3	35.0	33.6	32.2	31.0
17.5°	49.1	48.0	46.9	45.6	44.3	42.8	41.4	40.0	38.6	37.1	35.6
20°	55.4	54.1	52.7	51.2	49.7	48.2	46.6	45.0	43.4	41.6	39.8
22.5°	61.6	60.1	58.5	56.8	55.2	53.5	51.7	49.8	47.9	45.9	43.7
25°	73.0	69.5	65.9	62.4	60.5	58.6	56.5	54.4	52.1	49.7	47.3
27.5°	89.5	85.0	80.7	76.3	71.7	67.3	62.9	58.6	56.0	53.3	50.6
30°	105.0	99.7	94.5	88.9	83.3	77.8	72.4	67.3	62.4	57.7	53.9
32.5°	119.8	113.5	106.9	100.1	93.4	86.8	80.6	74.9	69.4	64.5	59.8
35°	133.8	126.3	118.0	109.9	102.0	94.6	87.8	81.4	75.5	69.9	64.8
37.5°	147.1	137.7	128.0	118.6	109.6	101.6	94.0	86.9	80.4	74.5	69.1
40°	159.6	148.1	136.9	126.1	116.6	107.6	99.1	91.5	84.7	78.7	73.2
42.5°	170.7	157.5	144.8	133.2	122.7	112.7	103.5	95.7	88.8	82.6	76.6
45°	181.0	166.1	151.9	139.7	128.0	116.8	107.8	99.7	92.7	85.8	79.3
47.5°	188.7	173.7	158.9	145.5	132.5	121.3	111.6	103.7	95.8	88.3	81.4
50°	192.2	177.6	163.9	150.4	136.8	125.5	115.8	107.1	98.3	90.3	82.9
52.5°	196.6	182.4	169.1	155.6	143.4	132.6	122.9	111.7	100.3	91.7	84.0
55°	201.7	188.2	174.9	161.5	150.9	141.4	131.6	120.0	108.0	96.4	85.4
57.5°	207.5	194.4	181.3	168.9	159.2	151.1	140.5	128.4	115.7	103.2	91.8
60°	214.0	201.2	188.3	177.5	169.2	161.4	149.9	136.8	123.0	109.8	97.5
62.5°	221.0	208.3	195.8	186.8	179.9	171.4	159.2	145.0	129.8	116.0	102.7
65°	228.3	216.0	204.0	196.8	191.4	181.7	168.3	152.7	136.6	121.8	107.4
67.5°	236.1	224.2	213.7	207.6	203.6	192.5	177.5	160.1	143.2	127.3	111.7
70°	239.5	229.4	221.7	218.5	214.6	203.0	186.8	167.3	149.7	132.6	115.6
72.5°	238.7	229.4	222.6	219.3	214.9	204.9	190.4	172.8	155.9	137.8	119.2
75°	238.2	229.7	223.5	219.9	214.1	204.0	189.9	172.8	155.5	138.2	121.9
77.5°	238.1	230.5	224.3	220.4	213.6	204.0	190.4	173.4	155.7	138.4	123.2
80°	238.3	231.5	225.2	220.7	213.3	204.6	191.8	174.4	156.5	139.4	125.1
82.5°	238.7	232.7	226.1	221.0	213.3	205.9	193.9	176.0	158.0	141.3	127.5
85°	239.3	234.2	227.1	221.2	213.5	207.7	196.8	178.1	160.0	143.9	130.5
87.5°	240.1	235.9	228.2	221.6	214.0	209.8	200.1	180.8	162.7	147.3	134.0
90°	240.9	237.6	229.4	222.0	214.6	212.1	203.9	184.2	166.1	151.3	138.1
92.5°	240.1	235.9	228.2	221.6	214.0	209.8	200.1	180.8	162.7	147.3	134.0
95°	239.3	234.2	227.1	221.2	213.5	207.7	196.8	178.1	160.0	143.9	130.5
97.5°	238.7	232.7	226.1	221.0	213.3	205.9	193.9	176.0	158.0	141.3	127.5
100°	238.3	231.5	225.2	220.7	213.3	204.6	191.8	174.4	156.5	139.4	125.1
102.5°	238.1	230.5	224.3	220.4	213.6	204.0	190.4	173.4	155.7	138.4	123.2
105°	238.2	229.7	223.5	219.9	214.1	204.0	189.9	172.8	155.5	138.2	121.9
107.5°	238.7	229.4	222.6	219.3	214.9	204.9	190.4	172.8	155.9	137.8	119.2
110°	239.5	229.4	221.7	218.5	214.6	203.0	186.8	167.3	149.7	132.6	115.6



TEST NUMBER: P231986

CATALOG NUMBER: FVS4WM-4-LD4-40-2STD-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
112.5°	236.1	224.2	213.7	207.6	203.6	192.5	177.5	160.1	143.2	127.3	111.7
115°	228.3	216.0	204.0	196.8	191.4	181.7	168.3	152.7	136.6	121.8	107.4
117.5°	221.0	208.3	195.8	186.8	179.9	171.4	159.2	145.0	129.8	116.0	102.7
120°	214.0	201.2	188.3	177.5	169.2	161.4	149.9	136.8	123.0	109.8	97.5
122.5°	207.5	194.4	181.3	168.9	159.2	151.1	140.5	128.4	115.7	103.2	91.8
125°	201.7	188.2	174.9	161.5	150.9	141.4	131.6	120.0	108.0	96.4	85.4
127.5°	196.6	182.4	169.1	155.6	143.4	132.6	122.9	111.7	100.3	91.7	84.0
130°	192.2	177.6	163.9	150.4	136.8	125.5	115.8	107.1	98.3	90.3	82.9
132.5°	188.7	173.7	158.9	145.5	132.5	121.3	111.6	103.7	95.8	88.3	81.4
135°	181.0	166.1	151.9	139.7	128.0	116.8	107.8	99.7	92.7	85.8	79.3
137.5°	170.7	157.5	144.8	133.2	122.7	112.7	103.5	95.7	88.8	82.6	76.6
140°	159.6	148.1	136.9	126.1	116.6	107.6	99.1	91.5	84.7	78.7	73.2
142.5°	147.1	137.7	128.0	118.6	109.6	101.6	94.0	86.9	80.4	74.5	69.1
145°	133.8	126.3	118.0	109.9	102.0	94.6	87.8	81.4	75.5	69.9	64.8
147.5°	119.8	113.5	106.9	100.1	93.4	86.8	80.6	74.9	69.4	64.5	59.8
150°	105.0	99.7	94.5	88.9	83.3	77.8	72.4	67.3	62.4	57.7	53.9
152.5°	89.5	85.0	80.7	76.3	71.7	67.3	62.9	58.6	56.0	53.3	50.6
155°	73.0	69.5	65.9	62.4	60.5	58.6	56.5	54.4	52.1	49.7	47.3
157.5°	61.6	60.1	58.5	56.8	55.2	53.5	51.7	49.8	47.9	45.9	43.7
160°	55.4	54.1	52.7	51.2	49.7	48.2	46.6	45.0	43.4	41.6	39.8
162.5°	49.1	48.0	46.9	45.6	44.3	42.8	41.4	40.0	38.6	37.1	35.6
165°	42.8	41.8	40.9	39.9	38.8	37.6	36.3	35.0	33.6	32.2	31.0
167.5°	36.1	35.5	34.8	34.0	33.1	32.2	31.2	30.2	29.0	27.8	26.6
170°	29.4	28.9	28.4	27.8	27.2	26.5	25.7	24.9	24.1	23.2	22.3
172.5°	22.5	22.1	21.8	21.4	20.9	20.5	20.0	19.4	18.9	18.3	17.6
175°	16.1	15.7	15.3	14.9	14.4	14.1	13.8	13.5	13.1	12.7	12.3
177.5°	9.5	9.3	9.1	8.9	8.7	8.5	8.2	8.0	7.7	7.5	7.2
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: P231986

CATALOG NUMBER: FVS4WM-4-LD4-40-2STD-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
0°	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
2.5°	6.9	6.7	6.4	6.1	5.8	5.5	5.1	4.8	4.5	4.2	3.9
5°	11.9	11.4	11.0	10.5	10.0	9.5	8.9	8.4	7.9	7.3	6.7
7.5°	16.9	16.2	15.4	14.7	13.9	13.1	12.2	11.4	10.6	9.7	8.8
10°	21.4	20.4	19.3	18.2	17.1	16.0	14.8	13.7	12.5	11.3	10.1
12.5°	25.4	24.1	22.7	21.5	20.3	19.0	17.7	16.4	15.1	13.8	12.4
15°	29.6	28.3	26.9	25.5	24.0	22.5	20.9	19.3	17.7	16.0	14.4
17.5°	34.0	32.4	30.7	28.9	27.2	25.4	23.5	21.6	19.8	17.9	16.0
20°	38.0	36.0	34.0	32.0	29.9	27.9	25.8	23.7	21.6	19.5	17.4
22.5°	41.5	39.3	37.0	34.8	32.5	30.2	27.9	25.6	23.4	21.1	18.8
25°	44.8	42.3	39.8	37.4	35.0	32.6	30.2	27.7	25.2	22.7	20.1
27.5°	47.9	45.4	42.8	40.2	37.6	34.8	32.1	29.4	26.7	24.0	21.4
30°	51.3	48.6	45.6	42.6	39.7	36.9	34.1	31.3	28.4	25.7	22.8
32.5°	55.3	51.2	48.0	45.1	42.1	39.2	36.4	33.5	30.6	27.6	24.5
35°	59.9	55.5	51.3	47.9	45.0	42.0	39.0	35.9	32.7	29.5	26.1
37.5°	64.2	59.6	55.4	51.6	48.0	44.9	41.6	38.1	34.5	31.0	27.4
40°	68.0	63.2	58.8	54.8	51.0	47.3	43.6	39.9	36.2	32.5	28.6
42.5°	71.1	66.1	61.4	57.0	52.8	49.0	45.5	41.6	37.2	33.0	28.9
45°	73.5	68.1	63.0	58.3	54.1	50.1	45.8	41.8	37.7	33.5	29.4
47.5°	75.1	69.3	64.1	59.3	54.4	49.7	45.6	41.8	38.4	34.2	30.1
50°	76.3	70.2	64.7	59.2	54.0	49.5	45.4	41.6	38.2	34.7	30.4
52.5°	77.1	70.7	64.5	58.8	53.7	49.2	45.0	41.0	37.4	34.0	30.1
55°	77.6	70.6	64.2	58.5	53.4	48.7	44.1	40.0	36.3	32.8	29.6
57.5°	81.0	70.8	63.9	58.2	52.8	47.5	43.1	39.1	35.5	32.1	28.8
60°	85.8	75.1	65.8	57.7	51.6	46.8	42.5	38.6	34.9	31.4	28.1
62.5°	90.1	78.8	69.4	60.1	52.0	46.5	42.2	38.2	34.6	31.1	27.5
65°	93.8	82.7	72.4	62.8	55.1	48.0	42.1	38.2	34.7	30.7	26.4
67.5°	97.4	86.5	75.2	66.0	57.8	50.4	44.0	39.0	34.5	30.0	25.7
70°	101.7	89.6	78.4	68.8	60.1	52.3	46.0	40.0	34.3	29.9	25.0
72.5°	105.9	93.0	81.7	71.6	62.3	54.1	47.2	39.9	34.0	28.9	24.1
75°	109.2	96.6	85.0	74.2	64.1	55.8	47.3	39.4	32.6	26.6	22.3
77.5°	110.4	97.9	86.7	76.1	66.0	57.0	47.1	38.3	30.5	24.2	19.3
80°	112.1	99.4	88.0	76.9	66.6	56.8	46.7	36.9	28.4	21.4	15.9
82.5°	114.4	101.3	89.8	78.0	67.3	56.8	46.2	36.4	27.3	19.1	12.3
85°	117.3	103.7	92.2	79.6	68.4	57.4	46.4	36.8	27.3	18.8	11.3
87.5°	120.8	106.6	95.1	81.8	70.1	58.7	47.4	38.1	28.0	19.2	11.3
90°	125.0	110.2	98.7	84.7	72.4	60.8	49.3	40.3	29.6	20.6	12.3
92.5°	120.8	106.6	95.1	81.8	70.1	58.7	47.4	38.1	28.0	19.2	11.3
95°	117.3	103.7	92.2	79.6	68.4	57.4	46.4	36.8	27.3	18.8	11.3
97.5°	114.4	101.3	89.8	78.0	67.3	56.8	46.2	36.4	27.3	19.1	12.3
100°	112.1	99.4	88.0	76.9	66.6	56.8	46.7	36.9	28.4	21.4	15.9
102.5°	110.4	97.9	86.7	76.1	66.0	57.0	47.1	38.3	30.5	24.2	19.3
105°	109.2	96.6	85.0	74.2	64.1	55.8	47.3	39.4	32.6	26.6	22.3
107.5°	105.9	93.0	81.7	71.6	62.3	54.1	47.2	39.9	34.0	28.9	24.1
110°	101.7	89.6	78.4	68.8	60.1	52.3	46.0	40.0	34.3	29.9	25.0



TEST NUMBER: P231986

CATALOG NUMBER: FVS4WM-4-LD4-40-2STD-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°	97.4	86.5	75.2	66.0	57.8	50.4	44.0	39.0	34.5	30.0	25.7
115°	93.8	82.7	72.4	62.8	55.1	48.0	42.1	38.2	34.7	30.7	26.4
117.5°	90.1	78.8	69.4	60.1	52.0	46.5	42.2	38.2	34.6	31.1	27.5
120°	85.8	75.1	65.8	57.7	51.6	46.8	42.5	38.6	34.9	31.4	28.1
122.5°	81.0	70.8	63.9	58.2	52.8	47.5	43.1	39.1	35.5	32.1	28.8
125°	77.6	70.6	64.2	58.5	53.4	48.7	44.1	40.0	36.3	32.8	29.6
127.5°	77.1	70.7	64.5	58.8	53.7	49.2	45.0	41.0	37.4	34.0	30.1
130°	76.3	70.2	64.7	59.2	54.0	49.5	45.4	41.6	38.2	34.7	30.4
132.5°	75.1	69.3	64.1	59.3	54.4	49.7	45.6	41.8	38.4	34.2	30.1
135°	73.5	68.1	63.0	58.3	54.1	50.1	45.8	41.8	37.7	33.5	29.4
137.5°	71.1	66.1	61.4	57.0	52.8	49.0	45.5	41.6	37.2	33.0	28.9
140°	68.0	63.2	58.8	54.8	51.0	47.3	43.6	39.9	36.2	32.5	28.6
142.5°	64.2	59.6	55.4	51.6	48.0	44.9	41.6	38.1	34.5	31.0	27.4
145°	59.9	55.5	51.3	47.9	45.0	42.0	39.0	35.9	32.7	29.5	26.1
147.5°	55.3	51.2	48.0	45.1	42.1	39.2	36.4	33.5	30.6	27.6	24.5
150°	51.3	48.6	45.6	42.6	39.7	36.9	34.1	31.3	28.4	25.7	22.8
152.5°	47.9	45.4	42.8	40.2	37.6	34.8	32.1	29.4	26.7	24.0	21.4
155°	44.8	42.3	39.8	37.4	35.0	32.6	30.2	27.7	25.2	22.7	20.1
157.5°	41.5	39.3	37.0	34.8	32.5	30.2	27.9	25.6	23.4	21.1	18.8
160°	38.0	36.0	34.0	32.0	29.9	27.9	25.8	23.7	21.6	19.5	17.4
162.5°	34.0	32.4	30.7	28.9	27.2	25.4	23.5	21.6	19.8	17.9	16.0
165°	29.6	28.3	26.9	25.5	24.0	22.5	20.9	19.3	17.7	16.0	14.4
167.5°	25.4	24.1	22.7	21.5	20.3	19.0	17.7	16.4	15.1	13.8	12.4
170°	21.4	20.4	19.3	18.2	17.1	16.0	14.8	13.7	12.5	11.3	10.1
172.5°	16.9	16.2	15.4	14.7	13.9	13.1	12.2	11.4	10.6	9.7	8.8
175°	11.9	11.4	11.0	10.5	10.0	9.5	8.9	8.4	7.9	7.3	6.7
177.5°	6.9	6.7	6.4	6.1	5.8	5.5	5.1	4.8	4.5	4.2	3.9
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: P231986

CATALOG NUMBER: FVS4WM-4-LD4-40-2STD-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
0°	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
2.5°	3.6	3.2	2.9	2.6	2.2	1.9	1.6	1.9	2.2	2.6	2.9
5°	6.1	5.6	5.0	4.3	3.7	3.1	2.5	3.1	3.7	4.3	5.0
7.5°	7.9	7.0	6.1	5.2	4.3	3.4	2.5	3.4	4.3	5.2	6.1
10°	8.9	7.7	6.5	5.2	4.0	2.8	1.6	2.8	4.0	5.2	6.5
12.5°	11.0	9.7	8.3	6.8	5.4	4.0	2.5	4.0	5.4	6.8	8.3
15°	12.7	11.0	9.3	7.6	5.9	4.2	2.5	4.2	5.9	7.6	9.3
17.5°	14.0	12.1	10.2	8.3	6.4	4.4	2.5	4.4	6.4	8.3	10.2
20°	15.3	13.1	11.0	8.9	6.8	4.6	2.5	4.6	6.8	8.9	11.0
22.5°	16.5	14.2	11.9	9.5	7.2	4.8	2.5	4.8	7.2	9.5	11.9
25°	17.6	15.1	12.6	10.0	7.5	5.0	2.5	5.0	7.5	10.0	12.6
27.5°	18.7	16.0	13.3	10.6	7.9	5.2	2.5	5.2	7.9	10.6	13.3
30°	20.0	17.1	14.2	11.3	8.4	5.4	2.5	5.4	8.4	11.3	14.2
32.5°	21.5	18.4	15.2	12.1	8.9	5.7	2.5	5.7	8.9	12.1	15.2
35°	22.8	19.4	16.0	12.7	9.3	5.9	2.5	5.9	9.3	12.7	16.0
37.5°	23.9	20.3	16.8	13.2	9.6	6.1	2.5	6.1	9.6	13.2	16.8
40°	24.7	20.8	17.1	13.4	9.7	6.1	2.5	6.1	9.7	13.4	17.1
42.5°	25.0	21.1	17.3	13.6	9.9	6.2	2.5	6.2	9.9	13.6	17.3
45°	25.5	21.7	17.9	14.2	10.6	6.9	3.3	6.9	10.6	14.2	17.9
47.5°	26.1	22.1	18.2	14.4	10.7	7.0	3.3	7.0	10.7	14.4	18.2
50°	26.2	22.1	18.1	14.3	10.5	6.9	3.3	6.9	10.5	14.3	18.1
52.5°	25.7	21.8	17.9	14.2	10.5	6.9	3.3	6.9	10.5	14.2	17.9
55°	25.7	21.7	17.8	14.0	10.4	6.8	3.3	6.8	10.4	14.0	17.8
57.5°	25.6	21.5	17.6	13.8	10.2	6.7	3.3	6.7	10.2	13.8	17.6
60°	24.8	21.0	16.9	13.2	9.7	6.5	3.3	6.5	9.7	13.2	16.9
62.5°	23.6	19.7	15.8	12.3	9.1	6.1	3.3	6.1	9.1	12.3	15.8
65°	22.3	18.2	14.6	11.4	8.5	5.9	3.3	5.9	8.5	11.4	14.6
67.5°	21.4	17.3	13.6	10.6	7.9	5.5	3.3	5.5	7.9	10.6	13.6
70°	20.3	16.3	12.5	9.1	6.7	4.8	3.3	4.8	6.7	9.1	12.5
72.5°	19.5	15.1	10.9	7.6	6.0	5.0	4.1	5.0	6.0	7.6	10.9
75°	18.7	14.1	10.2	7.0	5.2	4.5	4.1	4.5	5.2	7.0	10.2
77.5°	15.8	13.2	9.1	5.2	1.8	0.4	0.0	0.4	1.8	5.2	9.1
80°	11.8	9.2	5.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.7
82.5°	7.7	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	5.4	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	5.2	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	5.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	5.2	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	5.4	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	7.7	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	11.8	9.2	5.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.7
102.5°	15.8	13.2	9.1	5.2	1.8	0.4	0.0	0.4	1.8	5.2	9.1
105°	18.7	14.1	10.2	7.0	5.2	4.5	4.1	4.5	5.2	7.0	10.2
107.5°	19.5	15.1	10.9	7.6	6.0	5.0	4.1	5.0	6.0	7.6	10.9
110°	20.3	16.3	12.5	9.1	6.7	4.8	3.3	4.8	6.7	9.1	12.5



TEST NUMBER: P231986

CATALOG NUMBER: FVS4WM-4-LD4-40-2STD-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
112.5°	21.4	17.3	13.6	10.6	7.9	5.5	3.3	5.5	7.9	10.6	13.6
115°	22.3	18.2	14.6	11.4	8.5	5.9	3.3	5.9	8.5	11.4	14.6
117.5°	23.6	19.7	15.8	12.3	9.1	6.1	3.3	6.1	9.1	12.3	15.8
120°	24.8	21.0	16.9	13.2	9.7	6.5	3.3	6.5	9.7	13.2	16.9
122.5°	25.6	21.5	17.6	13.8	10.2	6.7	3.3	6.7	10.2	13.8	17.6
125°	25.7	21.7	17.8	14.0	10.4	6.8	3.3	6.8	10.4	14.0	17.8
127.5°	25.7	21.8	17.9	14.2	10.5	6.9	3.3	6.9	10.5	14.2	17.9
130°	26.2	22.1	18.1	14.3	10.5	6.9	3.3	6.9	10.5	14.3	18.1
132.5°	26.1	22.1	18.2	14.4	10.7	7.0	3.3	7.0	10.7	14.4	18.2
135°	25.5	21.7	17.9	14.2	10.6	6.9	3.3	6.9	10.6	14.2	17.9
137.5°	25.0	21.1	17.3	13.6	9.9	6.2	2.5	6.2	9.9	13.6	17.3
140°	24.7	20.8	17.1	13.4	9.7	6.1	2.5	6.1	9.7	13.4	17.1
142.5°	23.9	20.3	16.8	13.2	9.6	6.1	2.5	6.1	9.6	13.2	16.8
145°	22.8	19.4	16.0	12.7	9.3	5.9	2.5	5.9	9.3	12.7	16.0
147.5°	21.5	18.4	15.2	12.1	8.9	5.7	2.5	5.7	8.9	12.1	15.2
150°	20.0	17.1	14.2	11.3	8.4	5.4	2.5	5.5	8.4	11.3	14.2
152.5°	18.7	16.0	13.3	10.6	7.9	5.2	2.5	5.2	7.9	10.6	13.3
155°	17.6	15.1	12.6	10.0	7.5	5.0	2.5	5.0	7.5	10.0	12.6
157.5°	16.5	14.2	11.9	9.5	7.2	4.8	2.5	4.8	7.2	9.5	11.9
160°	15.3	13.1	11.0	8.9	6.8	4.6	2.5	4.6	6.8	8.9	11.0
162.5°	14.0	12.1	10.2	8.3	6.4	4.4	2.5	4.4	6.4	8.3	10.2
165°	12.7	11.0	9.3	7.6	5.9	4.2	2.5	4.2	5.9	7.6	9.3
167.5°	11.0	9.7	8.3	6.8	5.4	4.0	2.5	4.0	5.4	6.8	8.3
170°	8.9	7.7	6.5	5.2	4.0	2.8	1.6	2.8	4.0	5.2	6.5
172.5°	7.9	7.0	6.1	5.2	4.3	3.4	2.5	3.4	4.3	5.2	6.1
175°	6.1	5.6	5.0	4.3	3.7	3.1	2.5	3.1	3.7	4.3	5.0
177.5°	3.6	3.2	2.9	2.6	2.2	1.9	1.6	1.9	2.2	2.6	2.9
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: P231986

CATALOG NUMBER: FVS4WM-4-LD4-40-2STD-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
0°	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
2.5°	3.2	3.6	3.9	4.2	4.5	4.8	5.1	5.5	5.8	6.1	6.4
5°	5.6	6.1	6.7	7.3	7.9	8.4	8.9	9.5	10.0	10.5	11.0
7.5°	7.0	7.9	8.8	9.7	10.6	11.4	12.2	13.1	13.9	14.7	15.4
10°	7.7	8.9	10.1	11.3	12.5	13.7	14.8	16.0	17.1	18.2	19.3
12.5°	9.7	11.0	12.4	13.8	15.1	16.4	17.7	19.0	20.3	21.5	22.7
15°	11.0	12.7	14.4	16.0	17.7	19.3	20.9	22.5	24.0	25.5	26.9
17.5°	12.1	14.0	16.0	17.9	19.8	21.6	23.5	25.4	27.2	28.9	30.7
20°	13.1	15.3	17.4	19.5	21.6	23.7	25.8	27.9	29.9	32.0	34.0
22.5°	14.2	16.5	18.8	21.1	23.4	25.6	27.9	30.2	32.5	34.8	37.0
25°	15.1	17.6	20.1	22.7	25.2	27.7	30.2	32.6	35.0	37.4	39.8
27.5°	16.0	18.7	21.4	24.0	26.7	29.4	32.1	34.8	37.6	40.2	42.8
30°	17.1	20.0	22.8	25.7	28.4	31.3	34.1	36.9	39.7	42.6	45.6
32.5°	18.4	21.5	24.5	27.6	30.6	33.5	36.4	39.2	42.1	45.1	48.0
35°	19.4	22.8	26.1	29.5	32.7	35.9	39.0	42.0	45.0	47.9	51.3
37.5°	20.3	23.9	27.4	31.0	34.5	38.1	41.6	44.9	48.0	51.6	55.4
40°	20.8	24.7	28.6	32.5	36.2	39.9	43.6	47.3	51.0	54.8	58.8
42.5°	21.1	25.0	28.9	33.0	37.2	41.6	45.5	49.0	52.8	57.0	61.4
45°	21.7	25.5	29.4	33.5	37.7	41.8	45.8	50.1	54.1	58.3	63.0
47.5°	22.1	26.1	30.1	34.2	38.4	41.8	45.6	49.7	54.4	59.3	64.1
50°	22.1	26.2	30.4	34.7	38.2	41.6	45.4	49.5	54.0	59.2	64.7
52.5°	21.8	25.7	30.1	34.0	37.4	41.0	45.0	49.2	53.7	58.8	64.5
55°	21.7	25.7	29.6	32.8	36.3	40.0	44.1	48.7	53.4	58.5	64.2
57.5°	21.5	25.6	28.8	32.1	35.5	39.1	43.1	47.5	52.8	58.2	63.9
60°	21.0	24.8	28.1	31.4	34.9	38.6	42.5	46.8	51.6	57.7	65.8
62.5°	19.7	23.6	27.5	31.1	34.6	38.2	42.2	46.5	52.0	60.1	69.4
65°	18.2	22.3	26.4	30.7	34.7	38.2	42.1	48.0	55.1	62.8	72.4
67.5°	17.3	21.4	25.7	30.0	34.5	39.0	44.0	50.4	57.8	66.0	75.2
70°	16.3	20.3	25.0	29.9	34.3	40.0	46.0	52.3	60.1	68.8	78.4
72.5°	15.1	19.5	24.1	28.9	34.0	39.9	47.2	54.1	62.3	71.6	81.7
75°	14.1	18.7	22.3	26.6	32.6	39.4	47.3	55.8	64.1	74.2	85.0
77.5°	13.2	15.8	19.3	24.2	30.5	38.3	47.1	57.0	66.0	76.1	86.7
80°	9.2	11.8	15.9	21.4	28.4	36.9	46.7	56.8	66.6	76.9	88.0
82.5°	4.5	7.7	12.3	19.1	27.3	36.4	46.2	56.8	67.3	78.0	89.8
85°	1.3	5.4	11.3	18.8	27.3	36.8	46.4	57.4	68.4	79.6	92.2
87.5°	0.4	5.2	11.3	19.2	28.0	38.1	47.4	58.7	70.1	81.8	95.1
90°	0.0	5.8	12.3	20.6	29.6	40.3	49.3	60.8	72.4	84.7	98.7
92.5°	0.4	5.2	11.3	19.2	28.0	38.1	47.4	58.7	70.1	81.8	95.1
95°	1.3	5.4	11.3	18.8	27.3	36.8	46.4	57.4	68.4	79.6	92.2
97.5°	4.5	7.7	12.3	19.1	27.3	36.4	46.2	56.8	67.3	78.0	89.8
100°	9.2	11.8	15.9	21.4	28.4	36.9	46.7	56.8	66.6	76.9	88.0
102.5°	13.2	15.8	19.3	24.2	30.5	38.3	47.1	57.0	66.0	76.1	86.7
105°	14.1	18.7	22.3	26.6	32.6	39.4	47.3	55.8	64.1	74.2	85.0
107.5°	15.1	19.5	24.1	28.9	34.0	39.9	47.2	54.1	62.3	71.6	81.7
110°	16.3	20.3	25.0	29.9	34.3	40.0	46.0	52.3	60.1	68.8	78.4



TEST NUMBER: P231986

CATALOG NUMBER: FVS4WM-4-LD4-40-2STD-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°	17.3	21.4	25.7	30.0	34.5	39.0	44.0	50.4	57.8	66.0	75.2
115°	18.2	22.3	26.4	30.7	34.7	38.2	42.1	48.0	55.1	62.8	72.4
117.5°	19.7	23.6	27.5	31.1	34.6	38.2	42.2	46.5	52.0	60.1	69.4
120°	21.0	24.8	28.1	31.4	34.9	38.6	42.5	46.8	51.6	57.7	65.8
122.5°	21.5	25.6	28.8	32.1	35.5	39.1	43.1	47.5	52.8	58.2	63.9
125°	21.7	25.7	29.6	32.8	36.3	40.0	44.1	48.7	53.4	58.5	64.2
127.5°	21.8	25.7	30.1	34.0	37.4	41.0	45.0	49.2	53.7	58.8	64.5
130°	22.1	26.2	30.4	34.7	38.2	41.6	45.4	49.5	54.0	59.2	64.7
132.5°	22.1	26.1	30.1	34.2	38.4	41.8	45.6	49.7	54.4	59.3	64.1
135°	21.7	25.5	29.4	33.5	37.7	41.8	45.8	50.1	54.1	58.3	63.0
137.5°	21.1	25.0	28.9	33.0	37.2	41.6	45.5	49.0	52.8	57.0	61.4
140°	20.8	24.7	28.6	32.5	36.2	39.9	43.6	47.3	51.0	54.8	58.8
142.5°	20.3	23.9	27.4	31.0	34.5	38.1	41.6	44.9	48.0	51.6	55.4
145°	19.4	22.8	26.1	29.5	32.7	35.9	39.0	42.0	45.0	47.9	51.3
147.5°	18.4	21.5	24.5	27.6	30.6	33.5	36.4	39.2	42.1	45.1	48.0
150°	17.1	20.0	22.8	25.7	28.4	31.3	34.1	36.9	39.7	42.6	45.6
152.5°	16.0	18.7	21.4	24.0	26.7	29.4	32.1	34.8	37.6	40.2	42.8
155°	15.1	17.6	20.1	22.7	25.2	27.7	30.2	32.6	35.0	37.4	39.8
157.5°	14.2	16.5	18.8	21.1	23.4	25.6	27.9	30.2	32.5	34.8	37.0
160°	13.1	15.3	17.4	19.5	21.6	23.7	25.8	27.9	29.9	32.0	34.0
162.5°	12.1	14.0	16.0	17.9	19.8	21.6	23.5	25.4	27.2	28.9	30.7
165°	11.0	12.7	14.4	16.0	17.7	19.3	20.9	22.5	24.0	25.5	26.9
167.5°	9.7	11.0	12.4	13.8	15.1	16.4	17.7	19.0	20.3	21.5	22.7
170°	7.7	8.9	10.1	11.3	12.5	13.7	14.8	16.0	17.1	18.2	19.3
172.5°	7.0	7.9	8.8	9.7	10.6	11.4	12.2	13.1	13.9	14.7	15.4
175°	5.6	6.1	6.7	7.3	7.9	8.4	8.9	9.5	10.0	10.5	11.0
177.5°	3.2	3.6	3.9	4.2	4.5	4.8	5.1	5.5	5.8	6.1	6.4
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: P231986

CATALOG NUMBER: FVS4WM-4-LD4-40-2STD-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
0°	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
2.5°	6.7	6.9	7.2	7.5	7.7	8.0	8.2	8.5	8.7	8.9	9.1
5°	11.4	11.9	12.3	12.7	13.1	13.5	13.8	14.1	14.4	14.9	15.3
7.5°	16.2	16.9	17.6	18.3	18.9	19.4	20.0	20.5	20.9	21.4	21.8
10°	20.4	21.4	22.3	23.2	24.1	24.9	25.7	26.5	27.2	27.8	28.4
12.5°	24.1	25.4	26.6	27.8	29.0	30.2	31.2	32.2	33.1	34.0	34.8
15°	28.3	29.6	31.0	32.2	33.6	35.0	36.3	37.6	38.8	39.9	40.9
17.5°	32.4	34.0	35.6	37.1	38.6	40.0	41.4	42.8	44.3	45.6	46.9
20°	36.0	38.0	39.8	41.6	43.4	45.0	46.6	48.2	49.7	51.2	52.7
22.5°	39.3	41.5	43.7	45.9	47.9	49.8	51.7	53.5	55.2	56.8	58.5
25°	42.3	44.8	47.3	49.7	52.1	54.4	56.5	58.6	60.5	62.4	65.9
27.5°	45.4	47.9	50.6	53.3	56.0	58.6	62.9	67.3	71.7	76.3	80.7
30°	48.6	51.3	53.9	57.7	62.4	67.3	72.4	77.8	83.3	88.9	94.5
32.5°	51.2	55.3	59.8	64.5	69.4	74.9	80.6	86.8	93.4	100.1	106.9
35°	55.5	59.9	64.8	69.9	75.5	81.4	87.8	94.6	102.0	109.9	118.0
37.5°	59.6	64.2	69.1	74.5	80.4	86.9	94.0	101.6	109.6	118.6	128.0
40°	63.2	68.0	73.2	78.7	84.7	91.5	99.1	107.6	116.6	126.1	136.9
42.5°	66.1	71.1	76.6	82.6	88.8	95.7	103.5	112.7	122.7	133.2	144.8
45°	68.1	73.5	79.3	85.8	92.7	99.7	107.8	116.8	128.0	139.7	151.9
47.5°	69.3	75.1	81.4	88.3	95.8	103.7	111.6	121.3	132.5	145.5	158.9
50°	70.2	76.3	82.9	90.3	98.3	107.1	115.8	125.5	136.8	150.4	163.9
52.5°	70.7	77.1	84.0	91.7	100.3	111.7	122.9	132.6	143.4	155.6	169.1
55°	70.6	77.6	85.4	96.4	108.0	120.0	131.6	141.4	150.9	161.5	174.9
57.5°	70.8	81.0	91.8	103.2	115.7	128.4	140.5	151.1	159.2	168.9	181.3
60°	75.1	85.8	97.5	109.8	123.0	136.8	149.9	161.4	169.2	177.5	188.3
62.5°	78.8	90.1	102.7	116.0	129.8	145.0	159.2	171.4	179.9	186.8	195.8
65°	82.7	93.8	107.4	121.8	136.6	152.7	168.3	181.7	191.4	196.8	204.0
67.5°	86.5	97.4	111.7	127.3	143.2	160.1	177.5	192.5	203.6	207.6	213.7
70°	89.6	101.7	115.6	132.6	149.7	167.3	186.8	203.0	214.6	218.5	221.7
72.5°	93.0	105.9	119.2	137.8	155.9	172.8	190.4	204.9	214.9	219.3	222.6
75°	96.6	109.2	121.9	138.2	155.5	172.8	189.9	204.0	214.1	219.9	223.5
77.5°	97.9	110.4	123.2	138.4	155.7	173.4	190.4	204.0	213.6	220.4	224.3
80°	99.4	112.1	125.1	139.4	156.5	174.4	191.8	204.6	213.3	220.7	225.2
82.5°	101.3	114.4	127.5	141.3	158.0	176.0	193.9	205.9	213.3	221.0	226.1
85°	103.7	117.3	130.5	143.9	160.0	178.1	196.8	207.7	213.5	221.2	227.1
87.5°	106.6	120.8	134.0	147.3	162.7	180.8	200.1	209.8	214.0	221.6	228.2
90°	110.2	125.0	138.1	151.3	166.1	184.2	203.9	212.1	214.6	222.0	229.4
92.5°	106.6	120.8	134.0	147.3	162.7	180.8	200.1	209.8	214.0	221.6	228.2
95°	103.7	117.3	130.5	143.9	160.0	178.1	196.8	207.7	213.5	221.2	227.1
97.5°	101.3	114.4	127.5	141.3	158.0	176.0	193.9	205.9	213.3	221.0	226.1
100°	99.4	112.1	125.1	139.4	156.5	174.4	191.8	204.6	213.3	220.7	225.2
102.5°	97.9	110.4	123.2	138.4	155.7	173.4	190.4	204.0	213.6	220.4	224.3
105°	96.6	109.2	121.9	138.2	155.5	172.8	189.9	204.0	214.1	219.9	223.5
107.5°	93.0	105.9	119.2	137.8	155.9	172.8	190.4	204.9	214.9	219.3	222.6
110°	89.6	101.7	115.6	132.6	149.7	167.3	186.8	203.0	214.6	218.5	221.7



TEST NUMBER: P231986

CATALOG NUMBER: FVS4WM-4-LD4-40-2STD-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
112.5°	86.5	97.4	111.7	127.3	143.2	160.1	177.5	192.5	203.6	207.6	213.7
115°	82.7	93.8	107.4	121.8	136.6	152.7	168.3	181.7	191.4	196.8	204.0
117.5°	78.8	90.1	102.7	116.0	129.8	145.0	159.2	171.4	179.9	186.8	195.8
120°	75.1	85.8	97.5	109.8	123.0	136.8	149.9	161.4	169.2	177.5	188.3
122.5°	70.8	81.0	91.8	103.2	115.7	128.4	140.5	151.1	159.2	168.9	181.3
125°	70.6	77.6	85.4	96.4	108.0	120.0	131.6	141.4	150.9	161.5	174.9
127.5°	70.7	77.1	84.0	91.7	100.3	111.7	122.9	132.6	143.4	155.6	169.1
130°	70.2	76.3	82.9	90.3	98.3	107.1	115.8	125.5	136.8	150.4	163.9
132.5°	69.3	75.1	81.4	88.3	95.8	103.7	111.6	121.3	132.5	145.5	158.9
135°	68.1	73.5	79.3	85.8	92.7	99.7	107.8	116.8	128.0	139.7	151.9
137.5°	66.1	71.1	76.6	82.6	88.8	95.7	103.5	112.7	122.7	133.2	144.8
140°	63.2	68.0	73.2	78.7	84.7	91.5	99.1	107.6	116.6	126.1	136.9
142.5°	59.6	64.2	69.1	74.5	80.4	86.9	94.0	101.6	109.6	118.6	128.0
145°	55.5	59.9	64.8	69.9	75.5	81.4	87.8	94.6	102.0	109.9	118.0
147.5°	51.2	55.3	59.8	64.5	69.4	74.9	80.6	86.8	93.4	100.1	106.9
150°	48.6	51.3	53.9	57.7	62.4	67.3	72.4	77.8	83.3	88.9	94.5
152.5°	45.4	47.9	50.6	53.3	56.0	58.6	62.9	67.3	71.7	76.3	80.7
155°	42.3	44.8	47.3	49.7	52.1	54.4	56.5	58.6	60.5	62.4	65.9
157.5°	39.3	41.5	43.7	45.9	47.9	49.8	51.7	53.5	55.2	56.8	58.5
160°	36.0	38.0	39.8	41.6	43.4	45.0	46.6	48.2	49.7	51.2	52.7
162.5°	32.4	34.0	35.6	37.1	38.6	40.0	41.4	42.8	44.3	45.6	46.9
165°	28.3	29.6	31.0	32.2	33.6	35.0	36.3	37.6	38.8	39.9	40.9
167.5°	24.1	25.4	26.6	27.8	29.0	30.2	31.2	32.2	33.1	34.0	34.8
170°	20.4	21.4	22.3	23.2	24.1	24.9	25.7	26.5	27.2	27.8	28.4
172.5°	16.2	16.9	17.6	18.3	18.9	19.4	20.0	20.5	20.9	21.4	21.8
175°	11.4	11.9	12.3	12.7	13.1	13.5	13.8	14.1	14.4	14.9	15.3
177.5°	6.7	6.9	7.2	7.5	7.7	8.0	8.2	8.5	8.7	8.9	9.1
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: P231986

CATALOG NUMBER: FVS4WM-4-LD4-40-2STD-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
0°	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
2.5°	9.3	9.5	9.7	9.8	9.9	10.1	10.2	10.3	10.4	10.4	11.7
5°	15.7	16.1	16.5	16.8	17.2	17.5	17.7	18.0	18.2	18.4	20.8
7.5°	22.1	22.5	23.0	23.6	24.2	24.7	25.1	25.6	26.0	26.3	29.8
10°	28.9	29.4	29.8	30.2	30.9	31.7	32.4	33.1	33.7	34.3	38.8
12.5°	35.5	36.1	36.7	37.3	37.7	38.6	39.6	40.5	41.4	42.2	47.7
15°	41.8	42.8	43.5	44.2	44.8	45.4	46.6	47.8	49.0	50.2	56.6
17.5°	48.0	49.1	50.1	51.0	51.8	52.5	53.5	55.1	56.6	58.1	65.4
20°	54.1	55.4	56.5	57.7	58.6	59.5	60.3	62.3	64.2	66.1	74.1
22.5°	60.1	61.6	62.9	64.2	65.4	66.5	67.5	69.3	71.7	74.0	82.7
25°	69.5	73.0	76.4	79.6	82.6	85.5	88.1	91.0	94.6	97.8	107.5
27.5°	85.0	89.5	93.8	98.0	101.9	105.7	109.4	113.0	117.5	121.7	132.3
30°	99.7	105.0	110.4	115.7	120.7	125.5	130.3	134.8	140.4	145.5	157.2
32.5°	113.5	119.8	126.1	132.6	138.8	144.8	150.8	156.6	163.1	169.4	182.1
35°	126.3	133.8	141.2	148.9	156.5	163.7	170.9	178.1	185.7	193.2	207.0
37.5°	137.7	147.1	155.7	164.6	174.0	182.2	190.7	199.4	208.3	217.1	231.8
40°	148.1	159.6	169.6	179.7	190.2	200.3	210.2	220.5	230.8	240.9	256.7
42.5°	157.5	170.7	183.0	194.6	206.3	218.1	229.7	241.4	253.2	264.8	281.5
45°	166.1	181.0	195.9	208.6	222.0	235.5	248.4	262.1	275.6	288.6	306.4
47.5°	173.7	188.7	203.9	216.5	229.2	242.6	256.0	270.9	286.4	302.1	322.8
50°	177.6	192.2	207.3	220.7	233.3	247.3	262.3	279.0	297.0	315.6	339.3
52.5°	182.4	196.6	211.2	225.1	237.5	252.1	268.3	286.9	307.5	329.2	356.0
55°	188.2	201.7	215.7	229.8	242.1	257.0	274.3	294.6	317.9	342.7	372.7
57.5°	194.4	207.5	220.7	234.6	247.1	262.0	280.1	302.1	328.1	356.2	389.5
60°	201.2	214.0	226.8	239.7	252.3	267.1	285.9	309.6	338.3	369.7	406.4
62.5°	208.3	221.0	232.6	245.2	257.6	272.2	291.6	316.9	348.4	383.3	423.3
65°	216.0	228.3	239.5	251.1	263.2	277.5	297.2	324.2	358.5	396.8	440.3
67.5°	224.2	236.1	246.7	257.3	269.0	282.9	302.9	331.4	368.5	410.3	457.3
70°	229.4	239.5	248.7	257.7	268.2	281.3	301.1	329.4	366.7	410.8	460.1
72.5°	229.4	238.7	247.6	255.9	265.9	278.8	298.9	327.3	365.0	411.2	462.8
75°	229.7	238.2	246.6	254.3	263.8	276.4	296.8	325.3	363.2	411.7	467.3
77.5°	230.5	238.1	245.9	252.9	261.7	274.2	294.9	323.5	361.6	412.1	469.3
80°	231.5	238.3	245.3	251.7	259.8	272.0	293.2	321.8	360.0	412.6	471.3
82.5°	232.7	238.7	244.8	250.7	258.0	270.0	291.6	320.3	358.4	413.0	473.4
85°	234.2	239.3	244.5	249.8	256.3	268.1	290.1	318.9	357.0	413.5	475.4
87.5°	235.9	240.1	244.3	249.0	254.8	266.4	288.9	317.7	355.6	413.9	477.4
90°	237.6	240.9	244.2	248.3	253.3	264.8	287.8	316.6	354.4	414.4	479.4
92.5°	235.9	240.1	244.3	249.0	254.8	266.4	288.9	317.7	355.6	413.9	477.4
95°	234.2	239.3	244.5	249.8	256.3	268.1	290.1	318.9	357.0	413.5	475.4
97.5°	232.7	238.7	244.8	250.7	258.0	270.0	291.6	320.3	358.4	413.0	473.4
100°	231.5	238.3	245.3	251.7	259.8	272.0	293.2	321.8	360.0	412.6	471.3
102.5°	230.5	238.1	245.9	252.9	261.7	274.2	294.9	323.5	361.6	412.1	469.3
105°	229.7	238.2	246.6	254.3	263.8	276.4	296.8	325.3	363.2	411.7	467.3
107.5°	229.4	238.7	247.6	255.9	265.9	278.8	298.9	327.3	365.0	411.2	462.8
110°	229.4	239.5	248.7	257.7	268.2	281.3	301.1	329.4	366.7	410.8	460.1



TEST NUMBER: P231986

CATALOG NUMBER: FVS4WM-4-LD4-40-2STD-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°	224.2	236.1	246.7	257.3	269.0	282.9	302.9	331.4	368.5	410.3	457.3
115°	216.0	228.3	239.5	251.1	263.2	277.5	297.2	324.2	358.5	396.8	440.3
117.5°	208.3	221.0	232.6	245.2	257.6	272.2	291.6	316.9	348.4	383.3	423.3
120°	201.2	214.0	226.8	239.7	252.3	267.1	285.9	309.6	338.3	369.7	406.4
122.5°	194.4	207.5	220.7	234.6	247.1	262.0	280.1	302.1	328.1	356.2	389.5
125°	188.2	201.7	215.7	229.8	242.1	257.0	274.3	294.6	317.9	342.7	372.7
127.5°	182.4	196.6	211.2	225.1	237.5	252.1	268.3	286.9	307.5	329.2	356.0
130°	177.6	192.2	207.3	220.7	233.3	247.3	262.3	279.0	297.0	315.6	339.3
132.5°	173.7	188.7	203.9	216.5	229.2	242.6	256.0	270.9	286.4	302.1	322.8
135°	166.1	181.0	195.9	208.6	222.0	235.5	248.4	262.1	275.6	288.6	306.4
137.5°	157.5	170.7	183.0	194.6	206.3	218.1	229.7	241.4	253.2	264.8	281.5
140°	148.1	159.6	169.6	179.7	190.2	200.3	210.2	220.5	230.8	240.9	256.7
142.5°	137.7	147.1	155.7	164.6	174.0	182.2	190.7	199.4	208.3	217.1	231.8
145°	126.3	133.8	141.2	148.9	156.5	163.7	170.9	178.1	185.7	193.2	207.0
147.5°	113.5	119.8	126.1	132.6	138.8	144.8	150.8	156.6	163.1	169.4	182.1
150°	99.7	105.0	110.4	115.7	120.7	125.5	130.3	134.8	140.4	145.5	157.2
152.5°	85.0	89.5	93.8	98.0	101.9	105.7	109.4	113.0	117.5	121.7	132.3
155°	69.5	73.0	76.4	79.6	82.6	85.5	88.1	91.0	94.6	97.8	107.5
157.5°	60.1	61.6	62.9	64.2	65.4	66.5	67.5	69.3	71.7	74.0	82.7
160°	54.1	55.4	56.5	57.7	58.6	59.5	60.3	62.3	64.2	66.1	74.1
162.5°	48.0	49.1	50.1	51.0	51.8	52.5	53.5	55.1	56.6	58.1	65.4
165°	41.8	42.8	43.5	44.2	44.8	45.4	46.6	47.8	49.0	50.2	56.6
167.5°	35.5	36.1	36.7	37.3	37.7	38.6	39.6	40.5	41.4	42.2	47.7
170°	28.9	29.4	29.8	30.2	30.9	31.7	32.4	33.1	33.7	34.3	38.8
172.5°	22.1	22.5	23.0	23.6	24.2	24.7	25.1	25.6	26.0	26.3	29.8
175°	15.7	16.1	16.5	16.8	17.2	17.5	17.7	18.0	18.2	18.4	20.8
177.5°	9.3	9.5	9.7	9.8	9.9	10.1	10.2	10.3	10.4	10.4	11.7
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: P231986

CATALOG NUMBER: FVS4WM-4-LD4-40-2STD-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
0°	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
2.5°	12.9	14.0	15.2	16.3	17.4	18.5	19.6	20.6	21.6	22.5	23.5
5°	23.1	25.4	27.7	29.9	32.1	34.2	36.2	38.2	40.2	42.0	43.9
7.5°	33.2	36.6	39.9	43.2	46.3	49.4	52.5	55.9	59.1	62.3	65.3
10°	43.2	47.6	51.9	56.1	60.4	65.0	69.5	73.8	78.1	82.2	86.5
12.5°	53.1	58.4	63.7	69.1	74.8	80.4	85.9	91.3	96.2	100.6	104.8
15°	62.9	69.1	75.3	82.1	88.8	95.4	101.8	107.7	113.4	118.8	124.6
17.5°	72.5	79.5	87.1	94.9	102.5	110.0	117.3	124.3	131.1	137.9	144.5
20°	82.0	89.9	98.6	107.3	115.9	124.6	133.2	141.4	149.9	158.0	165.7
22.5°	91.4	100.3	109.9	119.4	129.5	139.6	149.5	159.6	169.3	178.7	187.6
25°	116.7	126.3	135.9	145.2	155.0	164.2	173.7	182.8	191.5	200.2	210.5
27.5°	142.6	153.4	163.9	174.3	184.6	194.7	204.9	214.6	224.0	233.0	239.7
30°	168.5	180.4	192.0	203.0	214.4	224.8	235.5	245.7	255.4	263.1	269.7
32.5°	194.5	207.3	219.6	231.2	242.6	254.3	265.3	275.7	284.6	291.9	295.9
35°	220.5	234.3	247.0	258.9	271.1	284.0	294.2	304.5	312.4	318.2	319.0
37.5°	246.4	261.1	274.1	286.3	299.2	311.2	322.2	331.4	340.3	340.8	341.0
40°	272.3	287.8	300.8	313.5	326.7	338.4	349.1	357.6	362.2	362.9	360.5
42.5°	298.1	314.4	327.2	340.3	353.6	364.8	374.7	383.3	383.9	382.8	379.5
45°	323.9	340.5	353.2	366.8	379.6	390.6	399.6	404.9	405.2	401.7	398.6
47.5°	343.9	364.0	380.8	398.4	413.0	424.1	431.1	428.9	424.4	420.1	417.3
50°	364.1	388.0	410.1	433.5	453.4	469.6	481.4	483.5	478.5	467.5	452.7
52.5°	384.5	412.9	440.9	470.3	496.0	517.7	533.8	542.2	542.5	533.7	521.5
55°	405.3	438.6	472.8	508.5	540.5	568.2	589.8	604.2	609.9	601.9	587.2
57.5°	426.3	464.9	505.8	547.9	586.7	620.8	649.1	670.0	677.6	669.4	649.9
60°	447.6	491.8	539.7	588.6	634.2	675.3	711.4	739.6	746.8	733.6	713.5
62.5°	469.0	519.1	574.4	630.5	683.0	731.5	776.1	812.3	817.4	795.8	774.1
65°	490.6	546.9	609.7	673.2	733.0	789.6	842.4	883.1	888.9	856.1	831.7
67.5°	512.2	574.9	645.5	716.6	784.0	849.2	910.9	952.7	952.4	915.8	886.9
70°	516.9	580.4	653.2	728.0	801.0	875.9	949.4	999.3	1003.0	972.3	941.4
72.5°	520.8	583.6	656.1	730.9	804.1	881.5	957.2	1008.2	1017.2	999.6	976.8
75°	524.5	586.3	658.3	733.0	806.1	886.3	964.3	1019.0	1036.6	1030.2	1010.7
77.5°	527.9	588.5	659.7	734.2	807.3	890.3	970.5	1031.1	1060.2	1063.5	1045.1
80°	533.1	590.2	660.4	734.6	807.5	893.3	975.7	1044.0	1087.0	1099.0	1080.1
82.5°	535.3	592.9	662.9	734.2	806.7	895.3	979.9	1057.2	1115.9	1136.0	1115.7
85°	537.5	592.9	660.9	734.5	806.8	898.8	985.7	1073.2	1145.9	1173.9	1151.9
87.5°	539.7	592.9	659.0	731.5	803.0	896.7	985.4	1083.0	1176.8	1212.4	1188.3
90°	541.9	592.9	657.0	728.5	799.2	894.6	985.1	1092.8	1204.6	1249.8	1226.0
92.5°	539.7	592.9	659.0	731.5	803.0	896.7	985.4	1083.0	1176.8	1212.4	1188.3
95°	537.5	592.9	660.9	734.5	806.8	898.8	985.7	1073.2	1145.9	1173.9	1151.9
97.5°	535.3	592.9	662.9	734.2	806.7	895.3	979.9	1057.2	1115.9	1136.0	1115.7
100°	533.1	590.2	660.4	734.6	807.5	893.3	975.7	1044.0	1087.0	1099.0	1080.1
102.5°	527.9	588.5	659.7	734.2	807.3	890.3	970.5	1031.1	1060.2	1063.5	1045.1
105°	524.5	586.3	658.3	733.0	806.1	886.3	964.3	1019.0	1036.6	1030.2	1010.7
107.5°	520.8	583.6	656.1	730.9	804.1	881.5	957.2	1008.2	1017.2	999.6	976.8
110°	516.9	580.4	653.2	728.0	801.0	875.9	949.4	999.3	1003.0	972.3	941.4



TEST NUMBER: P231986

CATALOG NUMBER: FVS4WM-4-LD4-40-2STD-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
112.5°	512.2	574.9	645.5	716.6	784.0	849.2	910.9	952.7	952.4	915.8	886.9
115°	490.6	546.9	609.7	673.2	733.0	789.6	842.4	883.1	888.9	856.1	831.7
117.5°	469.0	519.1	574.4	630.5	683.0	731.5	776.1	812.3	817.4	795.8	774.1
120°	447.6	491.8	539.7	588.6	634.2	675.3	711.4	739.6	746.8	733.6	713.5
122.5°	426.3	464.9	505.8	547.9	586.7	620.8	649.1	670.0	677.6	669.4	649.9
125°	405.3	438.6	472.8	508.5	540.5	568.2	589.8	604.2	609.9	601.9	587.2
127.5°	384.5	412.9	440.8	470.3	496.0	517.7	533.8	542.2	542.5	533.7	521.5
130°	364.1	388.0	410.1	433.5	453.4	469.6	481.4	483.5	478.5	467.5	452.7
132.5°	343.9	364.0	380.8	398.4	413.0	424.1	431.1	428.9	424.4	420.1	417.3
135°	323.9	340.5	353.2	366.8	379.6	390.6	399.6	404.9	405.2	401.7	398.6
137.5°	298.1	314.4	327.2	340.3	353.6	364.8	374.7	383.3	383.9	382.8	379.5
140°	272.3	287.8	300.8	313.5	326.7	338.4	349.1	357.6	362.2	362.9	360.5
142.5°	246.4	261.1	274.1	286.3	299.2	311.2	322.2	331.4	340.3	340.8	341.0
145°	220.5	234.3	247.0	258.9	271.1	284.0	294.2	304.5	312.4	318.2	319.0
147.5°	194.5	207.3	219.6	231.2	242.6	254.3	265.3	275.7	284.6	291.9	295.9
150°	168.5	180.4	192.0	203.0	214.4	224.8	235.5	245.7	255.4	263.1	269.7
152.5°	142.6	153.4	163.9	174.3	184.6	194.7	204.9	214.6	224.0	233.0	239.7
155°	116.7	126.3	135.9	145.2	155.0	164.2	173.7	182.8	191.5	200.2	210.5
157.5°	91.4	100.3	109.9	119.4	129.5	139.6	149.5	159.6	169.3	178.7	187.6
160°	82.0	89.9	98.6	107.3	115.9	124.6	133.2	141.4	149.9	158.0	165.7
162.5°	72.5	79.5	87.1	94.9	102.5	110.0	117.3	124.3	131.1	137.9	144.5
165°	62.9	69.1	75.3	82.1	88.8	95.4	101.8	107.7	113.4	118.8	124.6
167.5°	53.1	58.4	63.7	69.1	74.8	80.4	85.9	91.3	96.2	100.6	104.8
170°	43.2	47.6	51.9	56.1	60.4	65.0	69.5	73.8	78.1	82.2	86.5
172.5°	33.2	36.6	39.9	43.2	46.3	49.4	52.5	55.9	59.1	62.3	65.3
175°	23.1	25.4	27.7	29.9	32.1	34.2	36.2	38.2	40.2	42.0	43.9
177.5°	12.9	14.0	15.2	16.3	17.4	18.5	19.6	20.6	21.6	22.5	23.5
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: P231986

CATALOG NUMBER: FVS4WM-4-LD4-40-2STD-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
0°	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
2.5°	24.3	25.2	26.0	26.7	27.4	28.1	28.7	29.3	29.8	30.3	30.7
5°	45.8	47.7	49.5	51.3	52.9	54.4	55.9	57.2	58.5	59.6	60.6
7.5°	68.3	71.1	73.8	76.4	78.7	80.3	81.8	83.2	84.5	85.6	86.5
10°	89.4	92.4	95.1	97.7	100.2	102.4	104.4	106.4	108.2	109.8	111.2
12.5°	108.8	112.6	116.2	119.8	123.1	126.2	129.0	131.5	133.8	135.5	136.7
15°	129.2	134.2	138.9	143.3	147.3	150.6	153.5	156.0	158.2	160.0	161.4
17.5°	150.8	157.5	162.0	166.8	171.2	175.1	178.5	181.4	184.0	186.3	188.1
20°	172.9	179.6	185.8	191.3	195.9	200.1	203.9	207.0	209.3	211.4	213.4
22.5°	196.0	203.5	209.5	215.2	220.6	223.3	226.0	228.7	231.4	234.3	237.2
25°	218.8	226.1	233.8	236.2	239.2	242.2	244.8	247.7	250.9	254.6	258.9
27.5°	245.6	249.3	249.8	252.7	254.8	256.9	260.1	263.7	268.2	273.1	279.7
30°	273.0	273.5	273.2	271.0	268.7	268.9	273.0	277.7	286.1	294.7	303.9
32.5°	296.6	296.1	293.8	291.7	290.7	289.6	291.9	296.0	306.7	321.5	336.2
35°	318.6	316.2	314.3	313.3	313.5	317.2	320.7	330.1	338.8	352.6	371.8
37.5°	338.4	336.2	335.1	336.4	340.7	347.9	359.0	370.3	383.4	396.7	414.9
40°	357.8	356.4	357.5	362.5	371.9	384.5	399.7	415.4	435.8	459.2	484.2
42.5°	377.5	377.2	382.6	392.6	406.7	425.1	443.7	470.9	500.2	532.9	567.3
45°	396.4	401.3	410.2	425.7	446.1	467.8	499.2	531.8	571.8	612.1	655.0
47.5°	418.8	424.8	441.6	462.5	487.2	520.9	557.4	601.0	646.2	692.9	748.5
50°	444.0	454.5	474.0	501.8	536.0	574.4	621.1	669.4	721.8	781.4	846.4
52.5°	511.2	512.3	523.9	544.8	586.2	632.6	682.8	737.1	799.7	871.0	950.8
55°	578.8	579.6	592.1	615.6	649.5	690.1	740.8	805.5	879.2	964.2	1049.1
57.5°	642.1	643.9	657.6	682.9	719.8	761.6	812.5	874.3	961.5	1049.1	1139.7
60°	702.6	702.8	719.7	748.3	785.3	828.9	886.4	963.1	1043.4	1124.6	1224.8
62.5°	761.6	761.5	777.9	807.7	845.9	895.8	962.1	1043.1	1124.6	1213.0	1311.2
65°	816.4	817.8	834.9	863.9	902.7	955.7	1033.1	1115.3	1202.3	1296.6	1403.0
67.5°	867.4	870.0	887.1	916.3	958.2	1018.0	1096.9	1180.8	1272.9	1372.1	1496.2
70°	918.6	919.4	934.8	964.4	1007.7	1074.8	1155.0	1242.5	1335.2	1438.3	1581.8
72.5°	961.2	965.1	980.8	1010.0	1053.2	1127.9	1206.8	1296.6	1385.2	1503.7	1643.7
75°	999.8	1006.0	1021.7	1047.3	1090.4	1161.4	1248.6	1342.0	1423.2	1555.6	1696.3
77.5°	1038.5	1045.7	1059.3	1078.3	1116.9	1183.8	1270.5	1363.1	1464.1	1596.6	1740.4
80°	1077.1	1084.5	1094.2	1104.2	1136.1	1199.8	1287.0	1381.6	1494.6	1630.4	1787.6
82.5°	1115.7	1122.5	1126.9	1126.0	1149.3	1210.2	1298.2	1397.2	1515.8	1656.1	1823.7
85°	1154.2	1159.8	1158.1	1145.2	1158.0	1215.8	1304.3	1409.3	1528.4	1673.3	1848.0
87.5°	1192.7	1196.8	1188.3	1162.6	1163.8	1218.7	1307.8	1419.8	1536.2	1686.3	1866.3
90°	1230.9	1233.4	1218.6	1180.8	1168.4	1216.1	1302.5	1419.2	1530.2	1680.7	1860.0
92.5°	1192.7	1196.8	1188.3	1162.6	1163.8	1218.7	1307.8	1419.8	1536.2	1686.3	1866.3
95°	1154.2	1159.8	1158.1	1145.2	1158.0	1215.8	1304.3	1409.3	1528.4	1673.3	1848.0
97.5°	1115.7	1122.5	1126.9	1126.0	1149.3	1210.2	1298.2	1397.2	1515.8	1656.1	1823.7
100°	1077.1	1084.5	1094.2	1104.2	1136.1	1199.8	1287.0	1381.6	1494.6	1630.4	1787.6
102.5°	1038.5	1045.7	1059.3	1078.3	1116.9	1183.8	1270.5	1363.1	1464.1	1596.6	1740.4
105°	999.8	1006.0	1021.7	1047.3	1090.4	1161.4	1248.6	1342.0	1423.2	1555.6	1696.3
107.5°	961.2	965.1	980.8	1010.0	1053.2	1127.9	1206.8	1296.6	1385.2	1503.7	1643.7
110°	918.6	919.4	934.8	964.4	1007.7	1074.8	1155.0	1242.5	1335.2	1438.3	1581.8



TEST NUMBER: P231986

CATALOG NUMBER: FVS4WM-4-LD4-40-2STD-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°	867.4	870.0	887.1	916.3	958.2	1018.0	1096.9	1180.8	1272.9	1372.1	1496.2
115°	816.4	817.8	834.9	863.9	902.7	955.7	1033.1	1115.3	1202.3	1296.6	1403.0
117.5°	761.6	761.5	777.9	807.7	845.9	895.8	962.1	1043.1	1124.6	1213.0	1311.2
120°	702.6	702.8	719.7	748.3	785.3	828.9	886.4	963.1	1043.4	1124.6	1224.8
122.5°	642.1	643.9	657.6	682.9	719.8	761.6	812.5	874.3	961.5	1049.1	1139.7
125°	578.8	579.6	592.1	615.6	649.5	690.1	740.8	805.5	879.2	964.2	1049.1
127.5°	511.2	512.3	523.9	544.8	586.2	632.6	682.8	737.1	799.7	871.0	950.8
130°	444.0	454.5	474.0	501.8	536.0	574.4	621.1	669.4	721.8	781.4	846.4
132.5°	418.8	424.8	441.6	462.5	487.2	520.9	557.4	601.0	646.2	692.9	748.5
135°	396.4	401.3	410.2	425.7	446.1	467.8	499.2	531.8	571.8	612.1	655.0
137.5°	377.5	377.2	382.6	392.6	406.7	425.1	443.7	470.9	500.2	532.9	567.3
140°	357.8	356.4	357.5	362.5	371.9	384.5	399.7	415.4	435.8	459.2	484.2
142.5°	338.4	336.2	335.1	336.4	340.7	347.9	359.0	370.3	383.4	396.7	414.9
145°	318.6	316.2	314.3	313.3	313.5	317.2	320.7	330.1	338.8	352.6	371.9
147.5°	296.6	296.1	293.8	291.7	290.7	289.6	291.9	296.0	306.7	321.5	336.2
150°	273.0	273.5	273.2	271.0	268.7	268.9	273.0	277.7	286.1	294.7	303.9
152.5°	245.6	249.3	249.8	252.7	254.8	256.9	260.1	263.7	268.2	273.1	279.7
155°	218.8	226.1	233.8	236.2	239.2	242.2	244.8	247.7	250.9	254.6	258.9
157.5°	196.0	203.5	209.5	215.2	220.6	223.3	226.0	228.7	231.4	234.3	237.2
160°	172.9	179.6	185.8	191.3	195.9	200.1	203.9	207.0	209.3	211.4	213.4
162.5°	150.8	157.5	162.0	166.8	171.2	175.1	178.5	181.4	184.0	186.3	188.1
165°	129.2	134.2	138.9	143.3	147.3	150.6	153.5	156.0	158.2	160.0	161.4
167.5°	108.8	112.6	116.2	119.8	123.1	126.2	129.0	131.5	133.8	135.5	136.7
170°	89.4	92.4	95.1	97.7	100.2	102.4	104.4	106.4	108.2	109.8	111.2
172.5°	68.3	71.1	73.8	76.4	78.7	80.3	81.8	83.2	84.5	85.6	86.5
175°	45.8	47.7	49.5	51.3	52.9	54.4	55.9	57.2	58.5	59.6	60.6
177.5°	24.3	25.2	26.0	26.7	27.4	28.1	28.7	29.3	29.8	30.3	30.7
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: P231986

CATALOG NUMBER: FVS4WM-4-LD4-40-2STD-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
0°	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
2.5°	31.1	31.4	31.6	31.8	32.0	32.1	33.1	32.8	32.5	32.2	31.8
5°	61.5	62.3	63.0	63.6	64.0	64.4	64.6	64.7	65.6	65.0	64.5
7.5°	87.3	88.0	88.5	88.8	89.0	89.1	89.0	88.8	88.4	88.4	87.5
10°	112.3	113.3	114.0	114.5	114.8	114.8	114.7	114.3	113.7	113.8	112.3
12.5°	137.7	138.4	138.8	138.9	138.7	138.3	137.5	136.6	135.4	133.9	132.6
15°	162.7	163.6	164.3	164.6	164.5	164.2	163.5	162.5	161.2	159.6	158.2
17.5°	189.6	190.7	191.6	192.3	192.8	193.0	192.9	192.5	191.7	190.6	190.0
20°	215.2	217.1	219.2	221.2	223.0	224.7	226.1	227.2	227.9	228.2	229.3
22.5°	240.3	243.5	246.8	250.1	253.2	256.1	258.7	261.1	263.0	264.5	266.8
25°	263.3	267.8	272.4	278.1	283.5	288.5	293.2	297.3	300.8	303.8	306.1
27.5°	287.2	294.6	301.8	310.2	319.5	328.1	336.0	343.0	349.2	354.4	358.5
30°	315.8	328.3	340.3	351.9	365.3	377.9	389.7	400.5	410.2	418.6	425.7
32.5°	351.5	368.5	385.2	401.6	419.8	438.5	455.6	470.9	484.4	496.0	505.5
35°	391.1	415.6	441.0	465.0	488.7	515.0	539.0	560.4	579.2	595.1	608.1
37.5°	445.1	476.0	511.7	545.5	577.1	608.6	637.5	663.1	685.3	704.1	719.2
40°	514.2	552.9	595.4	636.4	674.5	711.2	745.3	774.2	798.0	816.9	831.1
42.5°	604.4	641.4	688.2	740.4	786.8	828.0	866.3	898.1	923.4	942.4	955.5
45°	699.6	752.0	802.8	861.2	914.8	966.6	1003.9	1039.8	1068.3	1089.4	1103.2
47.5°	806.7	870.4	933.9	996.8	1058.1	1111.4	1161.9	1207.8	1245.1	1273.4	1292.6
50°	919.9	992.4	1066.6	1139.8	1219.8	1287.0	1347.5	1403.3	1449.5	1485.5	1510.8
52.5°	1031.1	1112.1	1201.4	1293.0	1389.1	1477.9	1549.1	1617.5	1678.9	1731.6	1773.7
55°	1136.3	1233.8	1336.5	1446.7	1557.1	1666.3	1757.0	1829.7	1895.0	1954.0	2004.3
57.5°	1240.1	1351.7	1470.1	1596.3	1726.8	1826.2	1922.1	2001.8	2075.4	2144.2	2205.6
60°	1339.5	1464.4	1602.5	1734.2	1854.5	1961.3	2056.6	2145.4	2226.7	2300.8	2366.2
62.5°	1431.2	1577.6	1720.2	1855.1	1970.4	2078.3	2176.1	2270.3	2349.5	2423.2	2489.3
65°	1537.5	1678.1	1825.2	1952.7	2069.0	2178.4	2275.0	2364.2	2450.8	2528.8	2594.1
67.5°	1636.8	1781.2	1910.5	2032.9	2149.7	2256.4	2360.1	2460.5	2550.8	2624.1	2686.2
70°	1721.2	1864.9	1992.1	2102.9	2213.0	2328.2	2440.0	2539.0	2632.8	2716.6	2777.4
72.5°	1791.9	1939.4	2059.5	2169.7	2278.5	2389.3	2500.3	2608.3	2718.6	2805.8	2855.5
75°	1855.3	1993.0	2112.6	2226.8	2340.7	2446.2	2550.4	2661.5	2762.9	2860.3	2919.5
77.5°	1906.9	2037.7	2154.6	2273.0	2386.9	2496.1	2598.1	2687.0	2804.9	2903.5	2970.0
80°	1943.3	2069.3	2185.8	2305.6	2421.3	2536.8	2634.8	2737.2	2846.7	2944.5	2993.6
82.5°	1973.4	2096.9	2215.4	2331.7	2443.9	2555.7	2662.2	2768.6	2886.6	2964.3	3011.6
85°	1994.3	2113.9	2234.4	2349.6	2461.0	2577.8	2676.8	2782.5	2896.2	2979.8	3023.8
87.5°	2010.6	2120.6	2242.0	2354.8	2464.2	2589.9	2685.4	2797.6	2911.0	2995.5	3028.8
90°	2005.5	2117.3	2238.2	2347.6	2453.6	2586.8	2678.9	2789.9	2909.2	2998.8	3019.4
92.5°	2010.6	2120.6	2242.0	2354.8	2464.2	2589.9	2685.4	2797.6	2911.0	2995.5	3028.8
95°	1994.3	2113.9	2234.4	2349.6	2461.0	2577.8	2676.8	2782.5	2896.2	2979.8	3023.8
97.5°	1973.4	2096.9	2215.4	2331.7	2443.9	2555.7	2662.2	2768.6	2886.6	2964.3	3011.6
100°	1943.3	2069.3	2185.8	2305.6	2421.3	2536.8	2634.8	2737.2	2846.7	2944.5	2993.6
102.5°	1906.9	2037.7	2154.6	2273.0	2386.9	2496.1	2598.1	2687.0	2804.9	2903.5	2970.0
105°	1855.3	1993.0	2112.6	2226.8	2340.7	2446.2	2550.4	2661.5	2762.9	2860.3	2919.5
107.5°	1791.9	1939.4	2059.5	2169.7	2278.5	2389.3	2500.3	2608.3	2718.6	2805.8	2855.5
110°	1721.2	1864.9	1992.1	2102.9	2213.0	2328.2	2440.0	2539.0	2632.8	2716.6	2777.4



TEST NUMBER: P231986

CATALOG NUMBER: FVS4WM-4-LD4-40-2STD-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
112.5°	1636.8	1781.2	1910.5	2032.9	2149.7	2256.4	2360.1	2460.5	2550.8	2624.1	2686.2
115°	1537.5	1678.1	1825.2	1952.7	2069.0	2178.4	2275.0	2364.2	2450.8	2528.8	2594.1
117.5°	1431.2	1577.6	1720.2	1855.1	1970.4	2078.3	2176.1	2270.3	2349.5	2423.2	2489.3
120°	1339.5	1464.4	1602.5	1734.2	1854.5	1961.3	2056.6	2145.4	2226.7	2300.8	2366.2
122.5°	1240.1	1351.7	1470.1	1596.3	1726.8	1826.2	1922.1	2001.8	2075.4	2144.2	2205.6
125°	1136.3	1233.8	1336.5	1446.7	1557.1	1666.3	1757.0	1829.7	1895.0	1954.0	2004.3
127.5°	1031.1	1112.1	1201.4	1293.0	1389.1	1477.9	1549.1	1617.5	1678.9	1731.6	1773.7
130°	919.9	992.4	1066.6	1139.8	1219.8	1287.0	1347.5	1403.3	1449.5	1485.5	1510.8
132.5°	806.7	870.4	933.9	996.8	1058.1	1111.4	1161.9	1207.8	1245.1	1273.4	1292.6
135°	699.6	752.0	802.8	861.2	914.8	966.6	1003.9	1039.8	1068.3	1089.4	1103.2
137.5°	604.4	641.4	688.2	740.4	786.8	828.0	866.3	898.1	923.4	942.4	955.5
140°	514.2	552.9	595.4	636.4	674.5	711.2	745.3	774.2	798.0	816.9	831.1
142.5°	445.1	476.0	511.7	545.5	577.1	608.6	637.5	663.1	685.3	704.1	719.2
145°	391.1	415.6	441.0	465.0	488.7	515.0	539.0	560.4	579.2	595.1	608.1
147.5°	351.5	368.5	385.2	401.6	419.8	438.5	455.6	470.9	484.4	496.0	505.5
150°	315.8	328.3	340.3	351.9	365.3	377.9	389.7	400.5	410.2	418.6	425.7
152.5°	287.2	294.6	301.8	310.2	319.5	328.1	336.0	343.0	349.2	354.4	358.5
155°	263.3	267.8	272.4	278.1	283.5	288.5	293.2	297.3	300.8	303.8	306.1
157.5°	240.3	243.5	246.8	250.1	253.2	256.1	258.7	261.1	263.0	264.5	266.8
160°	215.2	217.1	219.2	221.2	223.0	224.7	226.1	227.2	227.9	228.2	229.3
162.5°	189.6	190.7	191.6	192.3	192.8	193.0	192.9	192.5	191.7	190.6	190.0
165°	162.7	163.6	164.3	164.6	164.5	164.2	163.5	162.5	161.2	159.6	158.2
167.5°	137.7	138.4	138.8	138.9	138.7	138.3	137.5	136.6	135.4	133.9	132.6
170°	112.3	113.3	114.0	114.5	114.8	114.8	114.7	114.3	113.7	113.8	112.3
172.5°	87.3	88.0	88.5	88.8	89.0	89.1	89.0	88.8	88.4	88.4	87.5
175°	61.5	62.3	63.0	63.6	64.0	64.4	64.6	64.7	65.6	65.0	64.5
177.5°	31.1	31.4	31.6	31.8	32.0	32.1	33.1	32.8	32.5	32.2	31.8
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: P231986

CATALOG NUMBER: FVS4WM-4-LD4-40-2STD-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	357.5°	360°
0°	2.5	2.5
2.5°	31.5	31.2
5°	63.9	63.3
7.5°	86.5	85.5
10°	110.9	109.4
12.5°	130.5	128.3
15°	155.6	152.9
17.5°	187.5	185.0
20°	227.7	226.1
22.5°	266.2	265.6
25°	308.0	308.3
27.5°	362.2	363.4
30°	432.0	435.0
32.5°	514.0	518.0
35°	619.7	624.9
37.5°	732.6	738.4
40°	842.7	846.1
42.5°	965.5	965.3
45°	1113.2	1110.1
47.5°	1307.2	1303.3
50°	1530.8	1527.8
52.5°	1811.1	1818.0
55°	2051.1	2069.6
57.5°	2264.4	2295.8
60°	2427.7	2465.1
62.5°	2546.7	2594.2
65°	2647.6	2690.4
67.5°	2737.4	2778.4
70°	2821.9	2853.3
72.5°	2890.5	2913.3
75°	2943.6	2955.2
77.5°	2994.2	3010.3
80°	3018.2	3030.9
82.5°	3043.4	3059.6
85°	3051.7	3065.4
87.5°	3044.4	3077.7
90°	3041.6	3064.6
92.5°	3044.4	3077.7
95°	3051.7	3065.4
97.5°	3043.4	3059.6
100°	3018.2	3030.9
102.5°	2994.2	3010.3
105°	2943.6	2955.2
107.5°	2890.5	2913.3
110°	2821.9	2853.3



TEST NUMBER: P231986

CATALOG NUMBER: FVS4WM-4-LD4-40-2STD-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	357.5°	360°
112.5°	2737.4	2778.4
115°	2647.6	2690.4
117.5°	2546.7	2594.2
120°	2427.7	2465.1
122.5°	2264.4	2295.8
125°	2051.1	2069.6
127.5°	1811.1	1818.0
130°	1530.8	1527.8
132.5°	1307.2	1303.3
135°	1113.2	1110.1
137.5°	965.5	965.3
140°	842.7	846.1
142.5°	732.6	738.4
145°	619.7	624.9
147.5°	514.0	518.0
150°	432.0	435.0
152.5°	362.2	363.4
155°	308.0	308.3
157.5°	266.2	265.6
160°	227.7	226.1
162.5°	187.5	185.0
165°	155.6	152.9
167.5°	130.5	128.3
170°	110.9	109.4
172.5°	86.5	85.5
175°	63.9	63.3
177.5°	31.5	31.2
180°	2.0	2.0

(END OF REPORT)