

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: P232056

Luminaire Tested: **FVS4WM-3-LD4-30-2STD-P125-UNV-EDC1**

Issue Date: 3/3/2020



Test Information

Test Method: LM-79-08
Report Number: P232056
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1706-121-28)
Test Lab: INNOVATION CENTER(G3)
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: FAIL-SAFE
Catalog Number: FVS4WM-3-LD4-30-2STD-P125-UNV-EDC1
Description: FAILSAFE FVS LED FIXTURE
3FT LENGTH, 2-MODULE LED WITH P125 LENS
Light Source: (168) 3000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

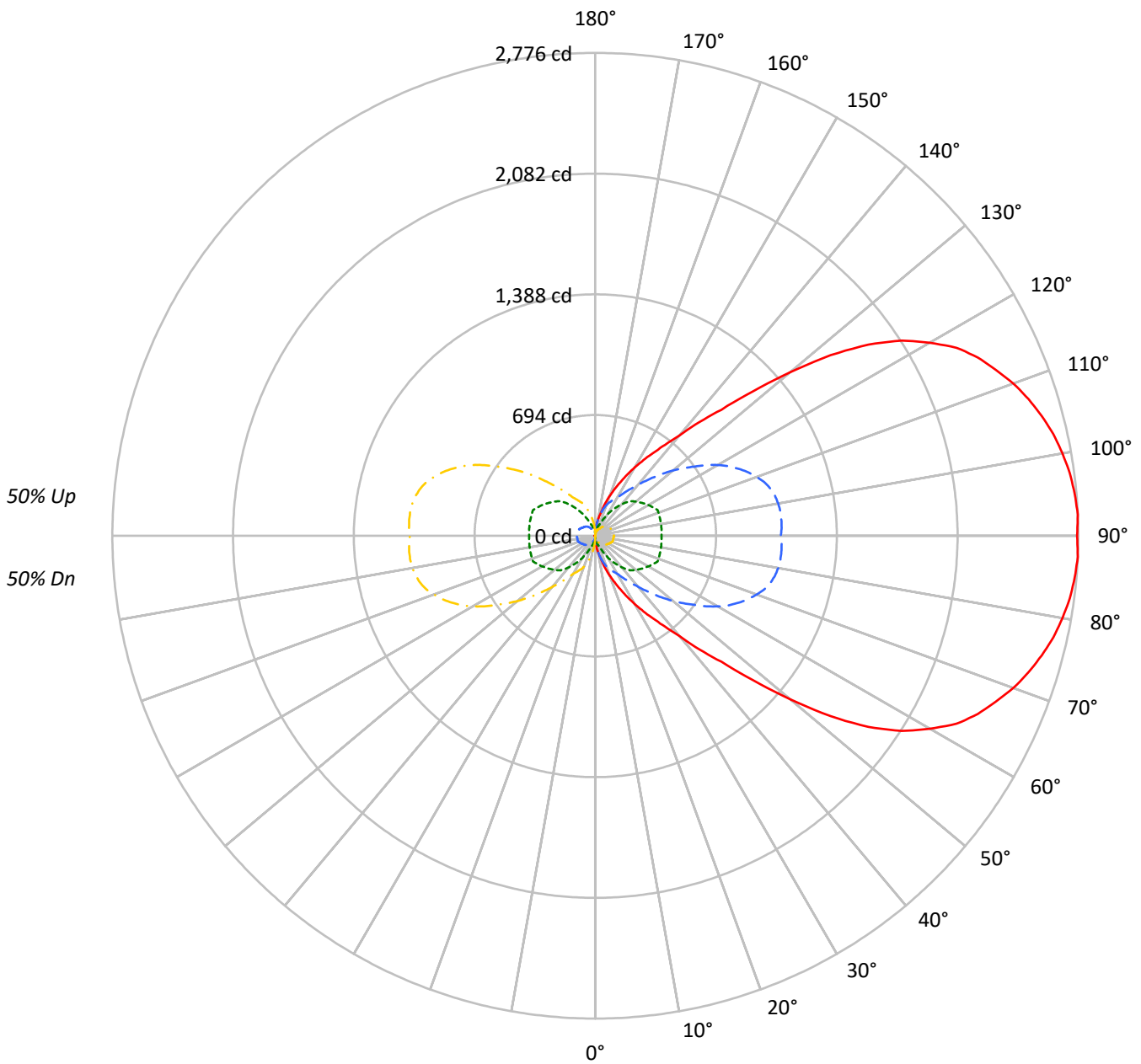
Lumens per Lamp: N/A
Luminaire Lumens: 6542.2 lumens
Efficiency: N/A
Efficacy: 102.2 lumens/watt
Spacing Criteria (0/90/45): 22.99 / 14.9 / 15.53
Luminous Opening: Rectangular w/ Sides (W: 2.92' x L: 0.19' x H: 0.31')
CIE Type: General Diffuse

Input Watts (W): 64
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT

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Luminous Intensity Polar Plot



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



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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

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

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	35	35	35	35
5°	943	358	16	358
10°	1554	681	14	681
15°	2299	1014	13	1014
20°	3186	1365	12	1365
25°	4140	2042	11	2042
30°	5242	3091	21	3091
35°	6438	4249	20	4249
40°	8091	5559	19	5559
45°	10693	7077	19	7077
50°	15009	8282	18	8282
55°	19446	9777	18	9777
60°	22474	11688	26	11688
65°	24695	14221	26	14221
70°	26383	17184	27	17184
75°	27981	20915	27	20915
80°	29565	27032	0	27032
85°	31155	38768	0	38768



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	3.4	0.1
10°-20°	23.4	0.4
20°-30°	65.0	1.0
30°-40°	140.7	2.2
40°-50°	270.8	4.1
50°-60°	465.6	7.1
60°-70°	658.0	10.1
70°-80°	789.9	12.1
80°-90°	854.1	13.1
90°-100°	854.1	13.1
100°-110°	789.9	12.1
110°-120°	658.0	10.1
120°-130°	465.6	7.1
130°-140°	270.8	4.1
140°-150°	140.7	2.2
150°-160°	65.0	1.0
160°-170°	23.4	0.4
170°-180°	3.4	0.1
0°-30°	91.9	1.4
0°-40°	232.6	3.6
0°-60°	969.1	14.8
0°-90°	3271.1	50.0
90°-120°	2302.0	35.2
90°-150°	3179.2	48.6
90°-180°	3271.0	50.0
0°-180°	6542.2	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	2	2	2	2	2	
5°	55	18	1	18	55	7
15°	163	51	1	51	163	49
25°	339	99	1	99	339	162
35°	581	190	2	190	581	374
45°	1024	282	2	282	1024	830
55°	1916	328	2	328	1916	1700
65°	2425	376	3	376	2425	2396
75°	2657	385	3	385	2657	2806
85°	2766	382	0	382	2766	2252
90°	2769	380	0	380	2769	1520
95°	2766	382	0	382	2766	2252
105°	2657	385	3	385	2657	2806
115°	2425	376	3	376	2425	2396
125°	1916	328	2	328	1916	1700
135°	1024	282	2	282	1024	830
145°	581	190	2	190	581	374
155°	339	99	1	99	339	162
165°	163	51	1	51	163	49
175°	55	18	1	18	55	7
180°	1	1	1	1	1	



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CANDELA DISTRIBUTION (FULL):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
0°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
2.5°	25.6	26.0	26.3	26.6	27.0	27.3	27.7	26.9	26.9	26.9	26.8
5°	54.7	55.4	56.1	56.8	57.5	56.8	56.8	56.8	56.6	56.4	56.0
7.5°	79.4	80.5	81.6	82.8	82.7	83.2	83.5	83.6	83.6	83.4	83.1
10°	100.6	102.2	103.8	105.5	105.7	106.6	107.2	107.7	107.9	108.0	107.8
12.5°	124.4	126.4	128.4	129.3	130.5	131.4	132.1	132.5	132.7	132.7	132.5
15°	163.2	164.7	166.2	165.9	166.0	165.7	165.2	164.4	163.3	162.0	160.4
17.5°	202.9	203.7	204.4	202.9	202.1	200.8	199.2	197.3	195.2	192.8	190.2
20°	244.4	244.4	244.4	241.6	239.6	237.1	234.1	230.8	227.1	223.1	218.8
22.5°	289.4	288.5	287.6	283.3	279.9	275.9	271.3	266.3	260.8	254.9	248.7
25°	338.8	336.8	332.9	328.7	323.6	317.8	311.3	304.3	296.7	288.6	280.1
27.5°	395.3	392.2	386.6	380.5	373.4	365.3	356.3	346.5	335.9	324.7	313.8
30°	452.6	449.5	443.6	436.9	428.7	419.0	407.9	395.3	381.3	365.8	352.1
32.5°	516.1	514.0	508.3	501.5	492.7	481.8	468.8	453.6	436.1	417.8	399.6
35°	580.6	580.3	575.7	569.9	561.7	550.9	537.5	521.3	502.3	481.5	458.5
37.5°	659.1	661.2	657.7	652.5	643.9	631.9	616.2	596.8	574.2	551.7	526.0
40°	755.3	759.4	756.2	750.9	741.5	728.0	710.2	688.1	663.1	635.2	602.9
42.5°	886.7	891.5	885.7	877.2	863.5	844.6	820.6	791.6	763.1	730.9	694.0
45°	1024.4	1031.4	1026.1	1017.4	1002.1	980.1	951.3	921.5	880.1	838.6	793.8
47.5°	1226.4	1232.0	1218.7	1201.3	1175.4	1141.5	1100.1	1056.4	1012.0	960.4	905.7
50°	1463.7	1462.1	1437.5	1409.1	1372.3	1328.5	1278.9	1224.5	1163.9	1089.1	1022.7
52.5°	1704.6	1694.9	1659.8	1620.7	1572.6	1517.0	1455.4	1391.5	1316.1	1231.5	1145.5
55°	1915.5	1896.2	1853.1	1806.9	1753.4	1694.4	1629.0	1549.7	1456.7	1362.4	1268.0
57.5°	2088.4	2061.4	2012.7	1961.1	1902.5	1838.7	1767.7	1688.0	1606.4	1493.3	1381.1
60°	2219.0	2188.8	2139.5	2086.6	2025.9	1958.2	1882.9	1803.8	1716.4	1617.5	1503.9
62.5°	2340.7	2299.3	2249.2	2191.8	2128.6	2061.9	1982.2	1900.6	1812.3	1720.7	1610.3
65°	2425.4	2387.4	2340.3	2283.4	2216.2	2142.6	2065.3	1980.8	1890.7	1797.2	1698.5
67.5°	2491.6	2456.4	2413.1	2360.9	2299.4	2223.1	2139.0	2050.4	1954.6	1858.4	1762.1
70°	2557.8	2528.8	2488.9	2435.9	2367.3	2290.7	2204.2	2111.0	2014.2	1913.9	1825.0
72.5°	2610.7	2587.0	2553.5	2508.8	2442.4	2354.2	2263.9	2161.8	2067.6	1975.9	1880.1
75°	2656.6	2643.4	2616.8	2562.3	2484.6	2405.0	2313.9	2217.7	2115.1	2022.1	1926.8
77.5°	2697.2	2687.1	2667.6	2610.9	2528.6	2435.4	2354.8	2259.5	2155.7	2055.0	1960.8
80°	2726.3	2715.2	2694.0	2648.8	2566.8	2474.5	2383.9	2294.6	2181.8	2078.2	1982.1
82.5°	2751.0	2735.1	2716.3	2675.9	2600.0	2500.1	2404.7	2307.5	2201.4	2098.3	2003.7
85°	2766.0	2747.2	2740.4	2690.5	2610.4	2511.5	2415.5	2321.6	2219.2	2114.0	2015.6
87.5°	2775.7	2760.5	2737.8	2698.6	2619.1	2521.0	2419.7	2324.1	2222.4	2119.7	2017.9
90°	2768.7	2745.7	2730.7	2686.6	2612.5	2511.0	2409.6	2312.5	2211.9	2114.9	2011.6
92.5°	2775.7	2760.5	2737.8	2698.6	2619.1	2521.0	2419.7	2324.1	2222.4	2119.7	2017.9
95°	2766.0	2747.2	2740.4	2690.5	2610.4	2511.5	2415.5	2321.6	2219.2	2114.0	2015.6
97.5°	2751.0	2735.1	2716.3	2675.9	2600.0	2500.1	2404.7	2307.5	2201.4	2098.3	2003.7
100°	2726.3	2715.2	2694.0	2648.8	2566.8	2474.5	2383.9	2294.6	2181.8	2078.2	1982.1
102.5°	2697.2	2687.1	2667.7	2610.9	2528.6	2435.4	2354.8	2259.5	2155.7	2055.0	1960.8
105°	2656.6	2643.4	2616.8	2562.3	2484.6	2405.0	2313.9	2217.7	2115.1	2022.1	1926.8
107.5°	2610.7	2587.0	2553.5	2508.8	2442.4	2354.2	2263.9	2161.8	2067.6	1975.9	1880.1
110°	2557.8	2528.8	2488.9	2435.9	2367.3	2290.7	2204.2	2111.0	2014.2	1913.9	1825.0



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CANDELA DISTRIBUTION (continued):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
112.5°	2491.6	2456.4	2413.1	2360.9	2299.4	2223.1	2139.0	2050.4	1954.6	1858.4	1762.1
115°	2425.4	2387.4	2340.3	2283.4	2216.2	2142.6	2065.3	1980.8	1890.7	1797.2	1698.5
117.5°	2340.7	2299.3	2249.2	2191.8	2128.6	2061.9	1982.2	1900.6	1812.3	1720.7	1610.3
120°	2219.0	2188.8	2139.5	2086.6	2025.9	1958.2	1882.9	1803.8	1716.4	1617.5	1503.9
122.5°	2088.4	2061.4	2012.7	1961.1	1902.5	1838.7	1767.7	1688.0	1606.4	1493.3	1381.1
125°	1915.5	1896.2	1853.1	1806.9	1753.4	1694.4	1629.0	1549.7	1456.7	1362.4	1268.0
127.5°	1704.6	1694.9	1659.8	1620.7	1572.6	1517.0	1455.4	1391.5	1316.1	1231.5	1145.5
130°	1463.7	1462.1	1437.5	1409.1	1372.3	1328.5	1278.9	1224.5	1163.9	1089.1	1022.7
132.5°	1226.4	1232.0	1218.7	1201.3	1175.4	1141.5	1100.1	1056.4	1012.0	960.4	905.7
135°	1024.4	1031.4	1026.1	1017.4	1002.1	980.1	951.3	921.5	880.1	838.6	793.8
137.5°	886.7	891.5	885.7	877.2	863.5	844.6	820.6	791.6	763.1	730.9	694.0
140°	755.3	759.4	756.2	750.9	741.5	728.0	710.2	688.1	663.1	635.2	602.9
142.5°	659.1	661.2	657.7	652.5	643.9	631.9	616.2	596.8	574.2	551.7	526.0
145°	580.6	580.3	575.7	569.9	561.7	550.9	537.5	521.3	502.3	481.5	458.5
147.5°	516.1	514.0	508.3	501.5	492.7	481.8	468.8	453.6	436.1	417.8	399.6
150°	452.6	449.5	443.6	436.9	428.7	419.0	407.9	395.3	381.3	365.8	352.1
152.5°	395.3	392.2	386.6	380.5	373.4	365.3	356.3	346.5	335.9	324.7	313.8
155°	338.8	336.8	332.9	328.7	323.6	317.8	311.3	304.3	296.7	288.6	280.1
157.5°	289.4	288.5	287.6	283.3	279.9	275.9	271.3	266.3	260.8	254.9	248.7
160°	244.4	244.4	244.4	241.6	239.6	237.1	234.1	230.8	227.1	223.1	218.8
162.5°	202.9	203.7	204.4	202.9	202.1	200.8	199.2	197.3	195.2	192.8	190.2
165°	163.2	164.7	166.2	165.9	166.0	165.7	165.2	164.4	163.3	162.0	160.4
167.5°	124.4	126.4	128.4	129.3	130.5	131.4	132.1	132.5	132.7	132.7	132.5
170°	100.6	102.2	103.8	105.5	105.7	106.6	107.2	107.7	107.9	108.0	107.8
172.5°	79.4	80.5	81.6	82.8	82.7	83.2	83.5	83.6	83.6	83.4	83.1
175°	54.7	55.4	56.1	56.8	57.5	56.8	56.8	56.8	56.6	56.4	56.0
177.5°	25.6	26.0	26.3	26.6	27.0	27.3	27.7	26.9	26.9	26.9	26.8
180°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0



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CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
0°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
2.5°	26.6	26.4	26.2	25.9	25.6	25.2	24.8	24.4	23.8	23.3	22.7
5°	55.5	54.9	54.1	53.3	52.4	51.3	50.2	49.0	47.6	46.2	44.6
7.5°	82.6	81.9	81.1	80.1	79.0	77.7	76.3	74.7	72.9	70.8	68.5
10°	107.5	107.0	106.2	105.3	104.1	102.8	101.1	98.9	96.6	94.1	91.4
12.5°	132.0	131.3	130.4	129.3	127.9	126.2	124.3	122.1	119.7	117.0	114.1
15°	158.7	156.9	154.9	153.2	151.5	149.6	147.5	145.0	142.4	139.2	135.7
17.5°	187.5	184.7	181.8	179.0	176.1	173.1	170.2	167.3	164.2	160.8	157.2
20°	214.3	210.2	206.3	202.5	198.6	194.9	191.3	188.0	184.7	181.5	177.6
22.5°	242.5	236.7	230.7	224.8	218.7	213.8	209.6	205.6	201.8	198.4	195.3
25°	272.2	264.2	256.0	247.7	240.1	233.2	226.4	220.1	216.0	212.3	209.4
27.5°	303.4	292.8	282.1	271.7	262.2	252.7	244.4	236.2	229.2	223.2	219.9
30°	338.1	323.6	309.8	296.7	284.4	272.1	261.8	251.7	246.3	244.4	242.3
32.5°	379.9	358.8	340.6	323.8	306.9	292.6	285.3	279.5	275.3	270.7	268.0
35°	432.9	406.4	382.0	356.3	337.9	328.5	318.1	311.3	304.2	298.7	293.7
37.5°	497.1	466.9	434.4	412.0	391.0	370.8	356.9	344.7	334.8	326.7	320.2
40°	568.0	535.5	507.2	479.3	451.2	425.1	402.1	382.0	367.9	355.9	347.0
42.5°	656.0	619.8	583.4	550.8	519.4	485.2	453.5	427.6	403.6	387.7	374.7
45°	752.9	710.0	667.8	624.9	585.6	546.9	511.3	476.1	447.4	421.7	404.0
47.5°	853.1	801.2	752.9	704.1	656.9	611.6	568.9	529.9	492.9	461.6	436.3
50°	956.1	895.6	837.1	782.9	731.8	678.1	628.9	582.5	541.8	504.1	470.4
52.5°	1062.5	990.2	921.7	859.6	800.9	746.1	689.4	637.8	590.8	547.5	519.3
55°	1174.4	1083.2	1005.5	933.1	869.0	807.8	748.2	693.0	646.8	608.2	580.5
57.5°	1278.8	1179.0	1085.3	1004.9	932.2	868.2	810.0	755.9	706.2	664.4	635.4
60°	1377.0	1266.5	1163.4	1070.1	995.8	928.9	868.8	813.1	762.3	718.8	686.0
62.5°	1487.7	1348.5	1237.8	1143.1	1058.2	984.4	921.7	865.2	813.7	767.2	732.2
65°	1579.6	1448.2	1311.9	1209.3	1119.0	1038.7	968.5	910.5	860.0	813.5	778.2
67.5°	1660.7	1530.7	1392.6	1269.6	1172.1	1087.0	1012.1	951.6	901.1	856.3	819.2
70°	1723.0	1600.2	1464.1	1323.0	1219.4	1131.8	1053.8	987.5	936.7	894.5	855.7
72.5°	1782.5	1658.6	1515.5	1374.5	1258.0	1168.3	1089.8	1020.3	967.4	928.2	890.8
75°	1827.5	1710.6	1564.8	1411.1	1286.7	1197.8	1117.8	1042.9	987.8	949.7	918.8
77.5°	1867.0	1755.8	1605.6	1448.1	1319.5	1219.3	1133.3	1057.9	1001.6	966.5	942.6
80°	1892.5	1788.4	1645.9	1484.5	1346.2	1237.5	1145.6	1067.6	1011.4	979.2	963.0
82.5°	1914.5	1815.8	1679.9	1509.1	1365.1	1252.0	1154.4	1072.6	1017.7	988.8	980.6
85°	1928.3	1835.1	1705.6	1522.5	1376.5	1262.2	1159.5	1073.5	1021.2	996.0	996.3
87.5°	1934.1	1850.4	1727.7	1529.9	1384.0	1270.5	1162.8	1072.0	1023.0	1001.8	1010.8
90°	1932.2	1847.5	1724.0	1518.4	1378.2	1267.9	1157.6	1065.8	1022.6	1007.6	1025.2
92.5°	1934.1	1850.4	1727.7	1529.9	1384.0	1270.5	1162.8	1072.0	1023.0	1001.8	1010.8
95°	1928.3	1835.1	1705.6	1522.5	1376.5	1262.2	1159.5	1073.5	1021.2	996.0	996.3
97.5°	1914.5	1815.8	1679.9	1509.1	1365.1	1252.0	1154.4	1072.6	1017.7	988.8	980.6
100°	1892.5	1788.4	1645.9	1484.5	1346.2	1237.5	1145.6	1067.6	1011.4	979.2	963.0
102.5°	1867.0	1755.8	1605.6	1448.1	1319.5	1219.3	1133.3	1057.9	1001.6	966.5	942.6
105°	1827.5	1710.6	1564.8	1411.1	1286.7	1197.8	1117.8	1042.9	987.8	949.7	918.8
107.5°	1782.5	1658.6	1515.5	1374.5	1258.0	1168.3	1089.8	1020.3	967.4	928.2	890.8
110°	1723.0	1600.2	1464.1	1323.0	1219.4	1131.8	1053.8	987.5	936.7	894.5	855.7



TEST NUMBER: P232056

CATALOG NUMBER: FVS4WM-3-LD4-30-2STD-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°	1660.7	1530.7	1392.6	1269.6	1172.1	1087.0	1012.1	951.6	901.1	856.3	819.2
115°	1579.6	1448.2	1311.9	1209.3	1119.0	1038.7	968.5	910.5	860.0	813.5	778.2
117.5°	1487.7	1348.5	1237.8	1143.1	1058.2	984.4	921.7	865.2	813.7	767.2	732.2
120°	1377.0	1266.5	1163.4	1070.1	995.8	928.9	868.8	813.1	762.3	718.8	686.0
122.5°	1278.8	1179.0	1085.3	1004.9	932.2	868.2	810.0	755.9	706.2	664.4	635.4
125°	1174.4	1083.2	1005.5	933.1	869.0	807.8	748.2	693.0	646.8	608.2	580.5
127.5°	1062.5	990.2	921.7	859.6	800.9	746.1	689.4	637.8	590.8	547.5	519.3
130°	956.1	895.6	837.1	782.9	731.8	678.1	628.9	582.5	541.8	504.1	470.4
132.5°	853.1	801.2	752.9	704.1	656.9	611.6	568.9	529.9	492.9	461.6	436.3
135°	752.9	710.0	667.8	624.9	585.6	546.9	511.3	476.1	447.4	421.7	404.0
137.5°	656.0	619.8	583.4	550.8	519.4	485.2	453.5	427.6	403.6	387.7	374.7
140°	568.0	535.5	507.2	479.3	451.2	425.1	402.1	382.0	367.9	355.9	347.0
142.5°	497.1	466.9	434.4	412.0	391.0	370.8	356.9	344.7	334.8	326.7	320.2
145°	432.9	406.4	382.0	356.3	337.9	328.5	318.1	311.3	304.2	298.7	293.7
147.5°	379.9	358.8	340.6	323.8	306.9	292.6	285.3	279.5	275.3	270.7	268.0
150°	338.1	323.6	309.8	296.7	284.4	272.1	261.8	251.7	246.3	244.4	242.3
152.5°	303.4	292.8	282.1	271.7	262.2	252.7	244.4	236.2	229.2	223.2	219.9
155°	272.2	264.2	256.0	247.7	240.1	233.2	226.4	220.1	216.0	212.3	209.4
157.5°	242.5	236.7	230.7	224.8	218.7	213.8	209.6	205.6	201.8	198.4	195.3
160°	214.3	210.2	206.3	202.5	198.6	194.9	191.3	188.0	184.7	181.5	177.6
162.5°	187.5	184.7	181.8	179.0	176.1	173.1	170.2	167.3	164.2	160.8	157.2
165°	158.7	156.9	154.9	153.2	151.5	149.6	147.5	145.0	142.4	139.2	135.7
167.5°	132.0	131.3	130.4	129.3	127.9	126.2	124.3	122.1	119.7	117.0	114.1
170°	107.5	107.0	106.2	105.3	104.1	102.8	101.1	98.9	96.6	94.1	91.4
172.5°	82.6	81.9	81.1	80.1	79.0	77.7	76.3	74.7	72.9	70.8	68.5
175°	55.5	54.9	54.1	53.3	52.4	51.3	50.2	49.0	47.6	46.2	44.6
177.5°	26.6	26.4	26.2	25.9	25.6	25.2	24.8	24.4	23.8	23.3	22.7
180°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0



TEST NUMBER: P232056

CATALOG NUMBER: FVS4WM-3-LD4-30-2STD-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
2.5°	22.1	21.4	20.7	20.0	19.2	18.4	17.6	16.8	15.9	14.9	14.0
5°	43.0	41.3	39.5	38.0	36.5	34.9	33.3	31.6	29.8	28.0	26.1
7.5°	66.1	63.5	60.8	58.0	55.1	52.1	48.9	46.3	43.6	41.0	38.2
10°	88.4	85.4	82.3	78.3	74.4	70.4	66.2	61.9	57.5	53.8	50.1
12.5°	110.5	106.6	102.5	98.1	93.5	88.6	83.4	78.1	72.6	67.0	62.0
15°	131.8	127.7	124.0	117.9	112.4	106.5	100.5	94.1	87.6	80.8	74.0
17.5°	154.0	148.4	143.2	137.6	131.6	124.7	117.5	110.0	102.4	94.6	86.6
20°	173.3	168.6	163.5	157.0	150.2	143.1	134.7	126.1	117.2	108.3	99.2
22.5°	192.3	187.6	182.2	176.5	169.0	160.8	152.2	142.4	132.2	121.8	111.7
25°	206.2	203.8	200.3	194.0	189.2	182.5	174.8	166.6	157.1	147.2	137.2
27.5°	220.4	221.0	221.3	220.4	215.4	210.1	202.6	194.5	185.2	175.0	164.4
30°	242.4	242.7	242.8	242.7	240.9	235.5	229.4	221.2	213.3	202.2	191.5
32.5°	265.5	264.7	264.6	264.2	263.5	260.2	254.3	247.0	238.6	228.7	217.7
35°	290.3	287.6	286.4	285.8	284.9	283.7	278.3	272.5	263.7	254.6	243.7
37.5°	314.9	311.4	308.5	307.4	306.6	304.9	301.7	295.5	288.0	279.8	269.1
40°	340.1	334.7	331.6	329.0	327.8	326.1	324.0	318.4	311.6	303.9	294.0
42.5°	365.0	358.8	353.8	351.2	349.1	347.3	345.0	340.8	334.5	327.3	318.5
45°	391.4	381.7	376.5	372.9	370.4	368.4	366.0	362.7	356.6	350.2	342.6
47.5°	416.9	406.3	398.6	394.1	391.7	391.9	392.8	390.8	384.2	375.5	365.7
50°	447.6	432.7	433.4	438.4	441.2	440.3	436.3	429.0	417.6	403.3	389.3
52.5°	499.4	492.3	493.8	497.2	498.5	492.2	482.7	469.9	453.2	432.4	413.8
55°	558.8	551.1	551.8	556.5	558.3	547.5	532.1	513.3	491.0	463.3	439.2
57.5°	615.4	605.4	607.7	615.1	617.1	605.9	584.0	559.0	530.4	496.0	465.5
60°	666.2	657.0	662.0	671.4	676.4	667.1	638.2	606.7	571.2	530.1	492.6
62.5°	714.3	707.5	713.0	726.1	736.0	730.8	694.6	655.9	613.3	565.4	520.3
65°	758.4	753.6	760.9	779.2	795.7	791.7	752.8	706.6	656.8	601.7	548.6
67.5°	798.0	795.6	806.0	830.4	850.8	850.6	812.6	758.5	701.3	638.8	577.2
70°	834.7	835.8	851.2	877.4	896.0	890.9	847.6	782.3	716.8	649.4	583.6
72.5°	870.1	869.2	881.1	901.5	914.1	901.9	857.3	788.4	720.3	652.9	586.3
75°	900.4	899.5	910.0	927.1	936.0	914.9	866.6	794.0	723.0	655.5	588.5
77.5°	927.7	929.0	939.6	953.9	960.9	929.5	875.3	799.0	724.9	657.2	590.1
80°	952.8	958.1	969.8	981.8	988.1	945.0	883.2	803.4	725.9	658.2	591.2
82.5°	976.3	986.9	1000.5	1010.6	1016.8	961.0	890.2	806.9	726.0	658.4	593.5
85°	998.6	1015.6	1031.7	1040.1	1046.0	979.7	899.0	811.9	727.0	659.1	592.7
87.5°	1020.3	1044.3	1063.1	1069.9	1075.9	992.8	901.7	811.8	724.3	656.9	591.9
90°	1042.9	1073.8	1094.9	1100.2	1102.9	1005.8	904.4	811.7	721.7	654.7	591.1
92.5°	1020.3	1044.3	1063.1	1069.9	1075.9	992.8	901.7	811.8	724.3	656.9	591.9
95°	998.6	1015.6	1031.7	1040.1	1046.0	979.7	899.0	811.9	727.0	659.1	592.7
97.5°	976.3	986.9	1000.5	1010.6	1016.8	961.0	890.2	806.9	726.0	658.4	593.5
100°	952.8	958.1	969.8	981.8	988.1	945.0	883.2	803.4	725.9	658.2	591.2
102.5°	927.7	929.0	939.6	953.9	960.9	929.5	875.3	799.0	724.9	657.2	590.1
105°	900.4	899.5	910.0	927.1	936.0	914.9	866.6	794.0	723.0	655.5	588.5
107.5°	870.1	869.2	881.1	901.5	914.1	901.9	857.3	788.4	720.3	652.9	586.3
110°	834.7	835.8	851.2	877.4	896.0	890.9	847.6	782.3	716.8	649.4	583.6



TEST NUMBER: P232056

CATALOG NUMBER: FVS4WM-3-LD4-30-2STD-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
112.5°	798.0	795.6	806.0	830.4	850.8	850.6	812.6	758.5	701.3	638.8	577.2
115°	758.4	753.6	760.9	779.2	795.7	791.7	752.8	706.6	656.8	601.7	548.6
117.5°	714.3	707.5	713.0	726.1	736.0	730.8	694.6	655.9	613.3	565.4	520.3
120°	666.2	657.0	662.0	671.4	676.4	667.1	638.2	606.7	571.2	530.1	492.6
122.5°	615.4	605.4	607.7	615.1	617.1	605.9	584.0	559.0	530.4	496.0	465.5
125°	558.8	551.1	551.8	556.5	558.3	547.5	532.1	513.3	491.0	463.3	439.2
127.5°	499.4	492.3	493.8	497.2	498.5	492.2	482.7	469.9	453.2	432.4	413.8
130°	447.6	432.7	433.4	438.4	441.2	440.3	436.3	429.0	417.6	403.3	389.3
132.5°	416.9	406.3	398.6	394.1	391.7	391.9	392.8	390.8	384.2	375.5	365.7
135°	391.4	381.7	376.5	372.9	370.4	368.4	366.0	362.7	356.6	350.2	342.6
137.5°	365.0	358.8	353.8	351.2	349.1	347.3	345.0	340.8	334.5	327.3	318.5
140°	340.1	334.7	331.6	329.0	327.8	326.1	324.0	318.4	311.6	303.9	294.0
142.5°	314.9	311.4	308.5	307.4	306.6	304.9	301.7	295.5	288.0	279.8	269.1
145°	290.3	287.6	286.4	285.8	284.9	283.7	278.3	272.5	263.7	254.6	243.7
147.5°	265.5	264.7	264.6	264.2	263.5	260.2	254.3	247.0	238.6	228.7	217.7
150°	242.4	242.7	242.8	242.7	240.9	235.5	229.4	221.2	213.3	202.2	191.5
152.5°	220.4	221.0	221.3	220.4	215.4	210.1	202.6	194.5	185.2	175.0	164.4
155°	206.2	203.8	200.3	194.0	189.2	182.5	174.8	166.6	157.1	147.2	137.2
157.5°	192.3	187.6	182.2	176.5	169.0	160.8	152.2	142.4	132.2	121.8	111.7
160°	173.3	168.6	163.5	157.0	150.2	143.1	134.7	126.1	117.2	108.3	99.2
162.5°	154.0	148.4	143.2	137.6	131.6	124.7	117.5	110.0	102.4	94.6	86.6
165°	131.8	127.7	124.0	117.9	112.4	106.5	100.5	94.1	87.6	80.8	74.0
167.5°	110.5	106.6	102.5	98.1	93.5	88.6	83.4	78.1	72.6	67.0	62.0
170°	88.4	85.4	82.3	78.3	74.4	70.4	66.2	61.9	57.5	53.8	50.1
172.5°	66.1	63.5	60.8	58.0	55.1	52.1	48.9	46.3	43.6	41.0	38.2
175°	43.0	41.3	39.5	38.0	36.5	34.9	33.3	31.6	29.8	28.0	26.1
177.5°	22.1	21.4	20.7	20.0	19.2	18.4	17.6	16.8	15.9	14.9	14.0
180°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0



TEST NUMBER: P232056

CATALOG NUMBER: FVS4WM-3-LD4-30-2STD-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
0°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
2.5°	13.0	12.1	11.1	10.0	10.0	9.9	9.9	9.8	9.7	9.6	9.4
5°	24.2	22.3	20.3	18.3	18.1	17.9	17.7	17.5	17.2	16.9	16.6
7.5°	35.4	32.5	29.5	26.5	26.2	25.8	25.4	24.9	24.4	23.9	23.3
10°	46.4	42.6	38.7	34.7	34.2	33.5	32.8	32.1	31.3	30.6	29.9
12.5°	57.4	52.7	47.9	43.0	42.1	41.1	40.1	39.0	38.0	37.3	36.5
15°	68.3	62.7	57.0	51.2	49.9	48.6	47.2	45.8	44.9	43.9	42.9
17.5°	79.1	72.7	66.1	59.4	57.7	55.9	54.0	52.7	51.7	50.5	49.4
20°	90.0	82.6	75.2	67.7	65.5	63.1	60.9	59.7	58.4	57.1	55.9
22.5°	101.5	92.5	84.3	75.9	73.1	70.2	67.9	66.5	65.1	63.7	62.4
25°	126.9	117.0	108.1	98.7	94.8	90.5	87.1	84.2	81.2	78.1	74.9
27.5°	153.3	142.1	132.1	121.6	116.4	110.8	106.9	103.0	99.0	94.9	90.8
30°	179.5	167.3	156.1	144.4	137.9	131.0	126.2	121.3	116.2	111.0	106.0
32.5°	205.6	192.6	180.1	167.3	159.2	151.2	145.3	139.1	132.8	126.5	120.6
35°	231.4	217.9	204.2	190.1	180.5	171.2	164.0	156.5	148.8	141.6	134.7
37.5°	257.1	243.0	228.3	213.0	201.6	191.1	182.4	173.4	164.5	156.3	147.8
40°	282.7	268.0	252.3	235.8	222.6	210.7	200.6	189.9	179.6	170.5	160.4
42.5°	307.9	292.9	276.4	258.7	243.5	230.2	218.8	206.0	194.7	184.7	172.5
45°	332.3	317.6	300.5	281.5	264.4	249.4	235.9	221.7	209.5	197.4	184.0
47.5°	351.6	334.0	314.3	293.3	274.1	257.5	242.4	227.1	215.2	203.3	190.9
50°	371.0	350.2	327.9	305.0	283.6	264.9	247.4	230.4	217.4	205.0	192.8
52.5°	391.2	366.7	341.6	316.8	293.1	272.1	252.2	233.8	219.4	207.0	195.3
55°	412.1	383.4	355.3	328.5	302.5	279.0	256.8	237.0	221.5	209.5	198.3
57.5°	433.6	400.3	369.0	340.3	311.8	285.8	261.3	240.1	224.1	212.3	201.8
60°	455.7	417.4	382.7	352.0	321.1	292.5	265.5	243.1	226.9	215.8	206.1
62.5°	478.2	434.5	396.4	363.8	330.4	299.1	269.7	246.0	230.0	219.5	210.2
65°	501.1	451.8	410.2	375.5	339.7	305.6	273.8	248.9	233.4	223.7	215.2
67.5°	524.2	469.1	423.9	387.3	349.0	312.0	277.9	251.7	237.0	228.1	220.7
70°	529.5	473.3	427.1	386.5	347.3	309.3	275.1	249.7	235.8	227.3	221.2
72.5°	532.9	476.8	430.3	385.7	345.5	306.3	272.1	247.3	233.3	224.3	218.9
75°	536.0	480.2	435.2	385.0	343.8	303.5	269.3	245.1	230.8	221.5	216.7
77.5°	538.6	483.3	438.0	384.2	342.2	300.8	266.7	243.2	228.3	218.6	214.7
80°	540.8	487.6	440.7	383.4	340.7	298.2	264.3	241.5	225.8	215.8	212.9
82.5°	544.0	489.7	443.5	382.6	339.2	295.8	262.1	239.9	223.4	213.1	211.2
85°	544.7	491.8	446.2	381.9	337.8	293.5	260.1	238.6	221.2	210.5	209.6
87.5°	545.4	493.8	449.0	381.1	336.5	291.4	258.4	237.5	219.0	208.0	208.0
90°	546.1	495.9	451.7	380.3	335.3	289.4	256.8	236.5	217.0	205.6	206.5
92.5°	545.4	493.8	449.0	381.1	336.5	291.4	258.4	237.5	219.0	208.0	208.0
95°	544.7	491.8	446.2	381.9	337.8	293.5	260.1	238.6	221.2	210.5	209.6
97.5°	544.0	489.7	443.5	382.6	339.2	295.8	262.1	239.9	223.4	213.1	211.2
100°	540.8	487.6	440.7	383.4	340.7	298.2	264.3	241.5	225.8	215.8	212.9
102.5°	538.6	483.3	438.0	384.2	342.2	300.8	266.7	243.2	228.3	218.6	214.7
105°	536.0	480.2	435.2	385.0	343.8	303.5	269.3	245.1	230.8	221.5	216.7
107.5°	532.9	476.8	430.3	385.7	345.5	306.3	272.1	247.3	233.3	224.3	218.9
110°	529.5	473.3	427.1	386.5	347.3	309.3	275.1	249.7	235.8	227.3	221.2



TEST NUMBER: P232056

CATALOG NUMBER: FVS4WM-3-LD4-30-2STD-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°	524.2	469.1	423.9	387.3	349.0	312.0	277.9	251.7	237.0	228.1	220.7
115°	501.1	451.8	410.2	375.5	339.7	305.6	273.8	248.9	233.4	223.7	215.2
117.5°	478.2	434.5	396.4	363.8	330.4	299.1	269.7	246.0	230.0	219.5	210.2
120°	455.7	417.4	382.7	352.0	321.1	292.5	265.5	243.1	226.9	215.8	206.1
122.5°	433.6	400.3	369.0	340.3	311.8	285.8	261.3	240.1	224.1	212.3	201.8
125°	412.1	383.4	355.3	328.5	302.5	279.0	256.8	237.0	221.5	209.5	198.3
127.5°	391.2	366.7	341.6	316.8	293.1	272.1	252.2	233.8	219.4	207.0	195.3
130°	371.0	350.2	327.9	305.0	283.6	264.9	247.4	230.4	217.4	205.0	192.8
132.5°	351.6	334.0	314.3	293.3	274.1	257.5	242.4	227.1	215.2	203.3	190.9
135°	332.3	317.6	300.5	281.5	264.4	249.4	235.9	221.7	209.5	197.4	184.0
137.5°	307.9	292.9	276.4	258.7	243.5	230.2	218.8	206.0	194.7	184.7	172.5
140°	282.7	268.0	252.3	235.8	222.6	210.7	200.6	189.9	179.6	170.5	160.4
142.5°	257.1	243.0	228.3	213.0	201.6	191.1	182.4	173.4	164.5	156.3	147.8
145°	231.4	217.9	204.2	190.1	180.5	171.2	164.0	156.5	148.8	141.6	134.7
147.5°	205.6	192.6	180.1	167.3	159.2	151.2	145.3	139.1	132.8	126.5	120.6
150°	179.5	167.3	156.1	144.4	137.9	131.0	126.2	121.3	116.2	111.0	106.0
152.5°	153.3	142.1	132.1	121.6	116.4	110.8	106.9	103.0	99.0	94.9	90.8
155°	126.9	117.0	108.1	98.7	94.8	90.5	87.1	84.2	81.2	78.1	74.9
157.5°	101.5	92.5	84.3	75.9	73.1	70.2	67.9	66.5	65.1	63.7	62.4
160°	90.0	82.6	75.2	67.7	65.5	63.1	60.9	59.7	58.4	57.1	55.9
162.5°	79.1	72.7	66.1	59.4	57.7	55.9	54.0	52.7	51.7	50.5	49.4
165°	68.3	62.7	57.0	51.2	49.9	48.6	47.2	45.8	44.9	43.9	42.9
167.5°	57.4	52.7	47.9	43.0	42.1	41.1	40.1	39.0	38.0	37.3	36.5
170°	46.4	42.6	38.7	34.7	34.2	33.5	32.8	32.1	31.3	30.6	29.9
172.5°	35.4	32.5	29.5	26.5	26.2	25.8	25.4	24.9	24.4	23.9	23.3
175°	24.2	22.3	20.3	18.3	18.1	17.9	17.7	17.5	17.2	16.9	16.6
177.5°	13.0	12.1	11.1	10.0	10.0	9.9	9.9	9.8	9.7	9.6	9.4
180°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0



TEST NUMBER: P232056

CATALOG NUMBER: FVS4WM-3-LD4-30-2STD-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
0°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
2.5°	9.3	9.1	9.0	8.8	8.6	8.4	8.2	8.0	7.7	7.5	7.2
5°	16.3	15.9	15.5	15.1	14.7	14.3	13.8	13.4	12.9	12.4	11.9
7.5°	22.8	22.2	21.7	21.1	20.5	19.8	19.1	18.4	17.7	17.0	16.3
10°	29.2	28.5	27.8	27.0	26.1	25.4	24.6	23.7	22.9	22.0	21.1
12.5°	35.6	34.7	33.8	32.9	32.0	31.1	30.1	29.1	27.9	26.7	25.5
15°	41.9	40.9	40.0	38.9	37.8	36.5	35.2	33.9	32.5	31.1	29.6
17.5°	48.3	47.2	46.0	44.6	43.2	41.7	40.1	38.4	36.7	34.9	33.1
20°	54.7	53.4	51.7	50.1	48.4	46.4	44.4	42.4	40.4	38.6	36.7
22.5°	60.9	59.1	57.3	55.3	53.0	50.7	48.5	46.4	44.3	42.2	39.7
25°	71.5	67.9	64.0	59.9	57.3	55.0	52.7	50.3	47.5	44.7	41.9
27.5°	86.5	82.0	77.0	72.0	67.4	62.8	58.1	53.1	49.9	47.2	44.6
30°	100.8	95.0	89.1	83.6	78.2	72.4	66.4	60.8	55.9	51.1	47.2
32.5°	114.2	107.3	100.6	94.2	87.5	80.5	74.0	68.3	62.8	57.6	52.6
35°	126.7	118.8	111.3	103.6	95.5	87.8	81.1	74.8	68.9	63.3	58.2
37.5°	138.6	129.8	121.2	111.7	102.6	94.8	87.5	80.7	74.4	68.5	63.2
40°	150.0	140.0	129.7	119.0	109.7	101.0	93.3	86.0	79.3	73.3	68.0
42.5°	160.9	149.6	137.4	126.1	116.0	107.0	98.5	90.8	83.9	77.8	71.9
45°	171.2	158.1	144.5	132.8	122.0	112.3	103.4	95.3	88.3	81.5	74.9
47.5°	178.8	165.5	151.7	138.8	127.7	117.4	107.6	99.7	92.0	84.3	78.0
50°	180.9	167.6	155.0	143.1	132.3	121.8	112.3	103.6	94.8	87.2	80.3
52.5°	183.4	170.7	158.2	146.6	135.7	125.4	116.8	107.2	97.5	89.6	81.9
55°	186.8	174.5	162.0	150.3	139.6	130.4	121.9	112.5	102.6	92.8	83.5
57.5°	190.8	178.7	166.3	154.6	143.9	136.1	127.8	118.1	107.6	96.8	87.1
60°	195.6	183.2	170.8	159.4	149.9	142.5	134.5	123.7	111.9	100.6	90.4
62.5°	200.8	188.1	175.5	164.5	156.4	149.6	141.0	129.0	115.9	104.2	93.4
65°	206.0	193.4	180.6	170.1	163.5	157.4	147.2	133.8	119.9	107.5	96.2
67.5°	211.5	198.8	186.3	176.5	171.2	165.8	153.4	138.3	123.9	111.0	99.2
70°	213.1	201.8	190.9	183.5	179.4	173.6	159.5	142.7	127.8	114.4	102.1
72.5°	211.0	200.8	191.0	184.1	180.1	173.9	161.2	146.0	131.7	118.0	105.0
75°	209.4	200.4	191.3	184.5	179.7	172.0	159.8	145.4	130.9	117.6	105.7
77.5°	208.1	200.5	191.8	184.7	179.2	170.7	159.4	145.3	130.2	116.5	104.7
80°	207.2	201.0	192.6	184.9	178.6	170.0	160.0	145.6	129.8	115.8	104.2
82.5°	206.6	201.8	193.5	185.1	177.9	169.8	161.4	146.4	129.7	115.4	104.3
85°	206.1	202.9	194.7	185.3	177.3	170.0	163.4	147.7	130.0	115.5	104.9
87.5°	205.8	204.2	196.1	185.7	176.8	170.5	165.8	149.5	130.9	116.1	106.0
90°	205.6	205.6	197.6	186.2	176.5	171.2	168.5	151.8	132.3	117.3	107.6
92.5°	205.8	204.2	196.1	185.7	176.8	170.5	165.8	149.5	130.9	116.1	106.0
95°	206.1	202.9	194.7	185.3	177.3	170.0	163.4	147.7	130.0	115.5	104.9
97.5°	206.6	201.8	193.5	185.1	177.9	169.8	161.4	146.4	129.7	115.4	104.3
100°	207.2	201.0	192.6	184.9	178.6	170.0	160.0	145.6	129.8	115.8	104.2
102.5°	208.1	200.5	191.8	184.7	179.2	170.7	159.4	145.3	130.2	116.5	104.7
105°	209.4	200.4	191.3	184.5	179.7	172.0	159.8	145.4	130.9	117.6	105.7
107.5°	211.0	200.8	191.0	184.1	180.1	173.9	161.2	146.0	131.7	118.0	105.0
110°	213.1	201.8	190.9	183.5	179.4	173.6	159.5	142.7	127.8	114.4	102.1



TEST NUMBER: P232056

CATALOG NUMBER: FVS4WM-3-LD4-30-2STD-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
112.5°	211.5	198.8	186.3	176.5	171.2	165.8	153.4	138.3	123.9	111.0	99.2
115°	206.0	193.4	180.6	170.1	163.5	157.4	147.2	133.8	119.9	107.5	96.2
117.5°	200.8	188.1	175.5	164.5	156.4	149.6	141.0	129.0	115.9	104.2	93.4
120°	195.6	183.2	170.8	159.4	149.9	142.5	134.5	123.7	111.9	100.6	90.4
122.5°	190.8	178.7	166.3	154.6	143.9	136.1	127.8	118.1	107.6	96.8	87.1
125°	186.8	174.5	162.0	150.3	139.6	130.4	121.9	112.5	102.6	92.8	83.5
127.5°	183.4	170.7	158.2	146.6	135.7	125.4	116.8	107.2	97.5	89.6	81.9
130°	180.9	167.6	155.0	143.1	132.3	121.8	112.3	103.6	94.8	87.2	80.3
132.5°	178.8	165.5	151.7	138.8	127.7	117.4	107.6	99.7	92.0	84.3	78.0
135°	171.2	158.1	144.5	132.8	122.0	112.3	103.4	95.3	88.3	81.5	74.9
137.5°	160.9	149.6	137.4	126.1	116.0	107.0	98.5	90.8	83.9	77.8	71.9
140°	150.0	140.0	129.7	119.0	109.7	101.0	93.3	86.0	79.3	73.3	68.0
142.5°	138.6	129.8	121.2	111.7	102.6	94.8	87.5	80.7	74.4	68.5	63.2
145°	126.7	118.8	111.3	103.6	95.5	87.8	81.1	74.8	68.9	63.3	58.2
147.5°	114.2	107.3	100.6	94.2	87.5	80.5	74.0	68.3	62.8	57.6	52.6
150°	100.8	95.0	89.1	83.6	78.2	72.4	66.4	60.8	55.9	51.1	47.2
152.5°	86.5	82.0	77.0	72.0	67.4	62.8	58.1	53.1	49.9	47.2	44.6
155°	71.5	67.9	64.0	59.9	57.3	55.0	52.7	50.3	47.5	44.7	41.9
157.5°	60.9	59.1	57.3	55.3	53.0	50.7	48.5	46.4	44.3	42.2	39.7
160°	54.7	53.4	51.7	50.1	48.4	46.4	44.4	42.4	40.4	38.6	36.7
162.5°	48.3	47.2	46.0	44.6	43.2	41.7	40.1	38.4	36.7	34.9	33.1
165°	41.9	40.9	40.0	38.9	37.8	36.5	35.2	33.9	32.5	31.1	29.6
167.5°	35.6	34.7	33.8	32.9	32.0	31.1	30.1	29.1	27.9	26.7	25.5
170°	29.2	28.5	27.8	27.0	26.1	25.4	24.6	23.7	22.9	22.0	21.1
172.5°	22.8	22.2	21.7	21.1	20.5	19.8	19.1	18.4	17.7	17.0	16.3
175°	16.3	15.9	15.5	15.1	14.7	14.3	13.8	13.4	12.9	12.4	11.9
177.5°	9.3	9.1	9.0	8.8	8.6	8.4	8.2	8.0	7.7	7.5	7.2
180°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0



TEST NUMBER: P232056

CATALOG NUMBER: FVS4WM-3-LD4-30-2STD-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
0°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
2.5°	7.0	6.7	6.4	6.2	5.9	5.6	5.3	5.0	4.7	4.4	4.1
5°	11.3	10.8	10.2	9.6	9.1	8.5	7.9	7.2	6.6	6.0	5.4
7.5°	15.6	14.8	14.1	13.3	12.5	11.7	10.8	10.0	9.1	8.2	7.3
10°	20.1	19.1	18.1	17.0	15.9	14.9	13.7	12.6	11.5	10.3	9.2
12.5°	24.3	23.0	21.7	20.4	19.1	17.7	16.3	14.9	13.5	12.2	10.8
15°	28.0	26.5	24.9	23.3	21.7	20.2	18.6	17.0	15.4	13.9	12.3
17.5°	31.4	29.6	27.9	26.2	24.4	22.7	20.7	18.9	17.0	15.2	13.4
20°	34.7	32.7	30.5	28.4	26.3	24.2	22.2	20.2	18.3	16.3	14.4
22.5°	37.2	34.8	32.4	30.3	28.1	26.0	23.9	21.8	19.7	17.6	15.5
25°	39.4	37.1	34.7	32.4	30.1	27.8	25.5	23.2	21.0	18.8	16.5
27.5°	42.0	39.4	36.9	34.4	31.9	29.6	27.2	24.8	22.5	20.2	17.8
30°	44.4	41.6	39.1	36.6	34.0	31.6	29.2	26.8	24.3	21.9	19.5
32.5°	48.1	44.2	41.5	39.1	36.6	34.1	31.6	29.1	26.5	24.0	21.4
35°	53.4	49.2	45.1	41.9	39.3	36.7	34.1	31.5	28.9	26.1	23.1
37.5°	58.5	54.0	49.7	45.6	42.2	39.7	36.9	33.9	30.9	27.8	24.5
40°	62.8	57.9	53.6	49.8	46.1	42.5	39.3	35.9	32.4	28.9	25.6
42.5°	66.2	61.5	57.1	52.8	48.7	44.7	40.9	37.4	34.0	30.6	27.1
45°	69.5	64.4	59.4	54.7	50.3	46.2	42.6	39.4	35.7	31.9	28.1
47.5°	72.0	66.3	61.0	56.0	51.5	47.5	43.8	40.2	37.0	33.0	29.0
50°	73.7	67.7	62.0	57.0	52.3	48.1	44.2	40.5	37.3	33.7	29.3
52.5°	75.0	68.6	62.8	57.4	52.6	48.1	44.0	40.3	36.7	33.4	30.0
55°	76.0	69.3	63.1	57.6	52.4	47.8	43.7	39.9	36.5	33.3	30.0
57.5°	78.1	69.7	63.2	57.3	52.0	47.6	43.5	39.7	36.0	32.3	29.0
60°	80.8	72.2	64.1	56.8	52.0	47.5	43.2	39.1	35.2	31.7	28.2
62.5°	83.4	74.3	65.8	58.8	52.5	47.3	42.7	38.6	34.8	31.0	27.3
65°	85.9	76.3	67.8	60.5	53.9	47.7	42.5	38.4	34.4	30.3	26.1
67.5°	88.3	78.4	69.6	62.1	55.0	48.7	43.4	38.5	34.1	29.8	25.6
70°	90.8	80.5	71.4	63.4	55.8	49.7	44.2	38.9	34.0	29.6	25.0
72.5°	93.2	82.5	73.3	64.7	57.1	50.7	44.9	39.1	33.9	28.9	24.1
75°	94.9	84.6	75.2	65.9	58.4	51.9	45.3	39.0	33.1	27.3	22.5
77.5°	94.3	84.7	75.7	67.1	59.8	53.0	45.6	38.8	31.8	25.5	20.2
80°	94.4	85.2	76.1	67.8	60.3	52.9	45.6	38.3	30.4	23.3	17.3
82.5°	95.1	86.1	77.0	68.9	60.6	52.6	44.9	37.0	29.0	21.2	14.0
85°	96.5	87.5	78.5	70.5	61.2	52.8	44.7	36.3	28.2	20.0	12.4
87.5°	98.3	89.4	80.4	72.5	62.0	53.4	45.0	36.3	28.2	19.7	11.9
90°	100.6	91.8	82.9	75.0	63.5	54.7	45.9	37.1	29.1	20.3	12.4
92.5°	98.3	89.4	80.4	72.5	62.0	53.4	45.0	36.3	28.2	19.7	11.9
95°	96.5	87.5	78.5	70.5	61.2	52.8	44.7	36.3	28.2	20.0	12.4
97.5°	95.1	86.1	77.0	68.9	60.6	52.6	44.9	37.0	29.0	21.2	14.0
100°	94.4	85.2	76.1	67.8	60.3	52.9	45.6	38.3	30.4	23.3	17.3
102.5°	94.3	84.7	75.7	67.1	59.8	53.0	45.6	38.8	31.8	25.5	20.2
105°	94.9	84.6	75.2	65.9	58.4	51.9	45.3	39.0	33.1	27.3	22.5
107.5°	93.2	82.5	73.3	64.7	57.1	50.7	44.9	39.1	33.9	28.9	24.1
110°	90.8	80.5	71.4	63.4	55.8	49.7	44.2	38.9	34.0	29.6	25.0



TEST NUMBER: P232056

CATALOG NUMBER: FVS4WM-3-LD4-30-2STD-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°	88.3	78.4	69.6	62.1	55.0	48.7	43.4	38.5	34.1	29.8	25.6
115°	85.9	76.3	67.8	60.5	53.9	47.7	42.5	38.4	34.4	30.3	26.1
117.5°	83.4	74.3	65.8	58.8	52.5	47.3	42.7	38.6	34.8	31.0	27.3
120°	80.8	72.2	64.1	56.8	52.0	47.5	43.2	39.1	35.2	31.7	28.2
122.5°	78.1	69.7	63.2	57.3	52.0	47.6	43.5	39.7	36.0	32.3	29.0
125°	76.0	69.3	63.1	57.6	52.4	47.8	43.7	39.9	36.5	33.3	30.0
127.5°	75.0	68.6	62.8	57.4	52.6	48.1	44.0	40.3	36.7	33.4	30.0
130°	73.7	67.7	62.0	57.0	52.3	48.1	44.2	40.5	37.3	33.7	29.3
132.5°	72.0	66.3	61.0	56.0	51.5	47.5	43.8	40.2	37.0	33.0	29.0
135°	69.5	64.4	59.4	54.7	50.3	46.2	42.6	39.4	35.7	31.9	28.1
137.5°	66.2	61.5	57.1	52.8	48.7	44.7	40.9	37.4	34.0	30.6	27.1
140°	62.8	57.9	53.6	49.8	46.1	42.5	39.3	35.9	32.4	28.9	25.6
142.5°	58.5	54.0	49.7	45.6	42.2	39.7	36.9	33.9	30.9	27.8	24.5
145°	53.4	49.2	45.1	41.9	39.3	36.7	34.1	31.5	28.9	26.1	23.1
147.5°	48.1	44.2	41.5	39.1	36.6	34.1	31.6	29.1	26.5	24.0	21.4
150°	44.4	41.6	39.1	36.6	34.0	31.6	29.2	26.8	24.3	21.9	19.5
152.5°	42.0	39.4	36.9	34.4	31.9	29.6	27.2	24.8	22.5	20.2	17.8
155°	39.4	37.1	34.7	32.4	30.1	27.8	25.5	23.2	21.0	18.8	16.5
157.5°	37.2	34.8	32.4	30.3	28.1	26.0	23.9	21.8	19.7	17.6	15.5
160°	34.7	32.7	30.5	28.4	26.3	24.2	22.2	20.2	18.3	16.3	14.4
162.5°	31.4	29.6	27.9	26.2	24.4	22.7	20.7	18.9	17.0	15.2	13.4
165°	28.0	26.5	24.9	23.3	21.7	20.2	18.6	17.0	15.4	13.9	12.3
167.5°	24.3	23.0	21.7	20.4	19.1	17.7	16.3	14.9	13.5	12.2	10.8
170°	20.1	19.1	18.1	17.0	15.9	14.9	13.7	12.6	11.5	10.3	9.2
172.5°	15.6	14.8	14.1	13.3	12.5	11.7	10.8	10.0	9.1	8.2	7.3
175°	11.3	10.8	10.2	9.6	9.1	8.5	7.9	7.2	6.6	6.0	5.4
177.5°	7.0	6.7	6.4	6.2	5.9	5.6	5.3	5.0	4.7	4.4	4.1
180°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0



TEST NUMBER: P232056

CATALOG NUMBER: FVS4WM-3-LD4-30-2STD-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
0°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
2.5°	3.7	3.4	3.1	2.8	2.4	2.1	1.8	2.1	2.4	2.8	3.1
5°	4.7	4.1	3.5	2.8	2.2	1.5	0.9	1.5	2.2	2.8	3.5
7.5°	6.4	5.5	4.6	3.7	2.8	1.8	0.9	1.8	2.8	3.7	4.6
10°	8.0	6.8	5.7	4.5	3.3	2.1	0.9	2.1	3.3	4.5	5.7
12.5°	9.4	7.9	6.5	5.1	3.7	2.3	0.9	2.3	3.7	5.1	6.5
15°	10.6	9.0	7.4	5.8	4.2	2.5	0.9	2.5	4.2	5.8	7.4
17.5°	11.6	9.8	8.0	6.2	4.4	2.7	0.9	2.7	4.4	6.2	8.0
20°	12.5	10.5	8.6	6.7	4.8	2.8	0.9	2.8	4.8	6.7	8.6
22.5°	13.4	11.3	9.2	7.1	5.0	3.0	0.9	3.0	5.0	7.1	9.2
25°	14.3	12.1	9.8	7.6	5.4	3.1	0.9	3.1	5.4	7.6	9.8
27.5°	15.5	13.1	10.6	8.2	5.8	3.3	0.9	3.3	5.8	8.2	10.6
30°	17.0	14.5	12.0	9.5	7.0	4.4	1.8	4.4	7.0	9.5	12.0
32.5°	18.7	16.0	13.2	10.4	7.5	4.7	1.8	4.7	7.5	10.4	13.2
35°	20.1	17.1	14.1	11.0	8.0	4.9	1.8	4.9	8.0	11.0	14.1
37.5°	21.3	18.0	14.7	11.5	8.3	5.0	1.8	5.0	8.3	11.5	14.7
40°	22.3	18.9	15.5	12.1	8.7	5.2	1.8	5.2	8.7	12.1	15.5
42.5°	23.4	19.8	16.2	12.6	9.0	5.4	1.8	5.4	9.0	12.6	16.2
45°	24.3	20.5	16.7	13.0	9.3	5.5	1.8	5.5	9.3	13.0	16.7
47.5°	25.0	20.9	17.0	13.1	9.3	5.5	1.8	5.5	9.3	13.1	17.0
50°	25.1	21.2	17.3	13.4	9.5	5.7	1.8	5.7	9.5	13.4	17.3
52.5°	25.9	21.6	17.4	13.4	9.5	5.6	1.8	5.6	9.5	13.4	17.4
55°	25.8	21.5	17.3	13.3	9.4	5.6	1.8	5.6	9.4	13.3	17.3
57.5°	25.6	21.3	17.2	13.4	9.7	6.1	2.6	6.1	9.7	13.4	17.2
60°	24.7	20.9	16.6	12.8	9.2	5.9	2.6	5.9	9.2	12.8	16.6
62.5°	23.3	19.4	15.6	12.1	8.8	5.6	2.6	5.6	8.8	12.1	15.6
65°	22.2	18.5	14.8	11.4	8.2	5.4	2.6	5.4	8.2	11.4	14.8
67.5°	21.4	17.4	13.7	10.5	7.6	5.0	2.6	5.0	7.6	10.5	13.7
70°	20.4	16.3	12.6	9.6	7.1	4.8	2.6	4.8	7.1	9.7	12.6
72.5°	19.4	15.4	12.0	8.6	6.2	4.2	2.6	4.2	6.2	8.6	12.0
75°	18.8	14.6	10.6	7.1	4.7	3.4	2.6	3.4	4.7	7.1	10.6
77.5°	16.3	13.2	8.9	4.9	1.6	0.3	0.0	0.3	1.6	4.9	8.9
80°	12.6	9.4	5.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.6
82.5°	8.8	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	6.3	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	5.4	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	5.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	5.4	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	6.3	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	8.8	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	12.6	9.4	5.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.6
102.5°	16.3	13.2	8.9	4.9	1.6	0.3	0.0	0.3	1.6	4.9	8.9
105°	18.8	14.6	10.6	7.1	4.7	3.4	2.6	3.4	4.7	7.1	10.6
107.5°	19.4	15.4	12.0	8.6	6.2	4.2	2.6	4.2	6.2	8.6	12.0
110°	20.4	16.3	12.6	9.6	7.1	4.8	2.6	4.8	7.1	9.7	12.6



TEST NUMBER: P232056

CATALOG NUMBER: FVS4WM-3-LD4-30-2STD-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	17.4	13.7	10.5	7.6	5.0	2.6	5.0	7.6	10.5	13.7
115°	22.2	18.5	14.8	11.4	8.2	5.4	2.6	5.4	8.2	11.4	14.8
117.5°	23.3	19.4	15.6	12.1	8.8	5.6	2.6	5.6	8.8	12.1	15.6
120°	24.7	20.9	16.6	12.8	9.2	5.9	2.6	5.9	9.2	12.8	16.6
122.5°	25.6	21.3	17.2	13.4	9.7	6.1	2.6	6.1	9.7	13.4	17.2
125°	25.8	21.5	17.3	13.3	9.4	5.6	1.8	5.6	9.4	13.3	17.3
127.5°	25.9	21.6	17.4	13.4	9.5	5.6	1.8	5.6	9.5	13.4	17.4
130°	25.1	21.2	17.3	13.4	9.5	5.7	1.8	5.7	9.5	13.4	17.3
132.5°	25.0	20.9	17.0	13.1	9.3	5.5	1.8	5.5	9.3	13.1	17.0
135°	24.3	20.5	16.7	13.0	9.3	5.5	1.8	5.5	9.3	13.0	16.7
137.5°	23.4	19.8	16.2	12.6	9.0	5.4	1.8	5.4	9.0	12.6	16.2
140°	22.3	18.9	15.5	12.1	8.7	5.2	1.8	5.2	8.7	12.1	15.5
142.5°	21.3	18.0	14.7	11.5	8.3	5.0	1.8	5.0	8.3	11.5	14.7
145°	20.1	17.1	14.1	11.0	8.0	4.9	1.8	4.9	8.0	11.0	14.1
147.5°	18.7	16.0	13.2	10.4	7.5	4.7	1.8	4.7	7.5	10.4	13.2
150°	17.0	14.5	12.0	9.5	7.0	4.4	1.8	4.4	7.0	9.5	12.0
152.5°	15.5	13.1	10.6	8.2	5.8	3.3	0.9	3.3	5.8	8.2	10.6
155°	14.3	12.1	9.8	7.6	5.4	3.1	0.9	3.1	5.4	7.6	9.8
157.5°	13.4	11.3	9.2	7.1	5.0	3.0	0.9	3.0	5.0	7.1	9.2
160°	12.5	10.5	8.6	6.7	4.8	2.8	0.9	2.8	4.8	6.7	8.6
162.5°	11.6	9.8	8.0	6.2	4.4	2.7	0.9	2.7	4.4	6.2	8.0
165°	10.6	9.0	7.4	5.8	4.2	2.5	0.9	2.5	4.2	5.8	7.4
167.5°	9.4	7.9	6.5	5.1	3.7	2.3	0.9	2.3	3.7	5.1	6.5
170°	8.0	6.8	5.7	4.5	3.3	2.1	0.9	2.1	3.3	4.5	5.7
172.5°	6.4	5.5	4.6	3.7	2.8	1.8	0.9	1.8	2.8	3.7	4.6
175°	4.7	4.1	3.5	2.8	2.2	1.5	0.9	1.5	2.2	2.8	3.5
177.5°	3.7	3.4	3.1	2.8	2.4	2.1	1.8	2.1	2.4	2.8	3.1
180°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0



TEST NUMBER: P232056

CATALOG NUMBER: FVS4WM-3-LD4-30-2STD-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
0°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
2.5°	3.4	3.7	4.1	4.4	4.7	5.0	5.3	5.6	5.9	6.2	6.4
5°	4.1	4.7	5.4	6.0	6.6	7.2	7.9	8.5	9.1	9.6	10.2
7.5°	5.5	6.4	7.3	8.2	9.1	10.0	10.8	11.7	12.5	13.3	14.1
10°	6.8	8.0	9.2	10.3	11.5	12.6	13.7	14.9	15.9	17.0	18.1
12.5°	7.9	9.4	10.8	12.2	13.5	14.9	16.3	17.7	19.1	20.4	21.7
15°	9.0	10.6	12.3	13.9	15.4	17.0	18.6	20.2	21.7	23.3	24.9
17.5°	9.8	11.6	13.4	15.2	17.0	18.9	20.7	22.7	24.4	26.2	27.9
20°	10.5	12.5	14.4	16.3	18.3	20.2	22.2	24.2	26.3	28.4	30.5
22.5°	11.3	13.4	15.5	17.6	19.7	21.8	23.9	26.0	28.1	30.3	32.4
25°	12.1	14.3	16.5	18.8	21.0	23.2	25.5	27.8	30.1	32.4	34.7
27.5°	13.1	15.5	17.8	20.2	22.5	24.8	27.2	29.6	31.9	34.4	36.9
30°	14.5	17.0	19.5	21.9	24.3	26.8	29.2	31.6	34.0	36.6	39.1
32.5°	16.0	18.7	21.4	24.0	26.5	29.1	31.6	34.1	36.6	39.1	41.5
35°	17.1	20.1	23.1	26.1	28.9	31.5	34.1	36.7	39.3	41.9	45.1
37.5°	18.0	21.3	24.5	27.8	30.9	33.9	36.9	39.7	42.2	45.6	49.7
40°	18.9	22.3	25.6	28.9	32.4	35.9	39.3	42.5	46.1	49.8	53.6
42.5°	19.8	23.4	27.1	30.6	34.0	37.4	40.9	44.7	48.7	52.8	57.1
45°	20.5	24.3	28.1	31.9	35.7	39.4	42.6	46.2	50.3	54.7	59.4
47.5°	20.9	25.0	29.0	33.0	37.0	40.2	43.8	47.5	51.5	56.0	61.0
50°	21.2	25.1	29.3	33.7	37.3	40.5	44.2	48.1	52.3	57.0	62.0
52.5°	21.6	25.9	30.0	33.4	36.7	40.3	44.0	48.1	52.6	57.4	62.8
55°	21.5	25.8	30.0	33.3	36.5	39.9	43.7	47.8	52.4	57.6	63.1
57.5°	21.3	25.6	29.0	32.3	36.0	39.7	43.5	47.6	52.0	57.3	63.2
60°	20.9	24.7	28.2	31.7	35.2	39.1	43.2	47.5	52.0	56.8	64.1
62.5°	19.4	23.3	27.3	31.0	34.8	38.6	42.7	47.3	52.5	58.8	65.8
65°	18.5	22.2	26.1	30.3	34.4	38.4	42.5	47.7	53.9	60.5	67.8
67.5°	17.4	21.4	25.6	29.8	34.1	38.5	43.4	48.7	55.0	62.1	69.6
70°	16.3	20.4	25.0	29.6	34.0	38.9	44.2	49.7	55.8	63.4	71.4
72.5°	15.4	19.4	24.1	28.9	33.9	39.1	44.9	50.7	57.1	64.7	73.3
75°	14.6	18.8	22.5	27.3	33.1	39.0	45.3	51.9	58.4	65.9	75.2
77.5°	13.2	16.3	20.2	25.5	31.8	38.8	45.6	53.0	59.8	67.1	75.7
80°	9.4	12.6	17.3	23.3	30.4	38.3	45.6	52.9	60.3	67.8	76.1
82.5°	5.0	8.8	14.0	21.2	29.0	37.0	44.9	52.6	60.6	68.9	77.0
85°	1.7	6.3	12.4	20.0	28.2	36.3	44.7	52.8	61.2	70.5	78.5
87.5°	0.5	5.4	11.9	19.7	28.2	36.3	45.0	53.4	62.0	72.5	80.4
90°	0.0	5.3	12.4	20.3	29.1	37.1	45.9	54.7	63.5	75.0	82.9
92.5°	0.5	5.4	11.9	19.7	28.2	36.3	45.0	53.4	62.0	72.5	80.4
95°	1.7	6.3	12.4	20.0	28.2	36.3	44.7	52.8	61.2	70.5	78.5
97.5°	5.0	8.8	14.0	21.2	29.0	37.0	44.9	52.6	60.6	68.9	77.0
100°	9.4	12.6	17.3	23.3	30.4	38.3	45.6	52.9	60.3	67.8	76.1
102.5°	13.2	16.3	20.2	25.5	31.8	38.8	45.6	53.0	59.8	67.1	75.7
105°	14.6	18.8	22.5	27.3	33.1	39.0	45.3	51.9	58.4	65.9	75.2
107.5°	15.4	19.4	24.1	28.9	33.9	39.1	44.9	50.7	57.1	64.7	73.3
110°	16.3	20.4	25.0	29.6	34.0	38.9	44.2	49.7	55.8	63.4	71.4



TEST NUMBER: P232056

CATALOG NUMBER: FVS4WM-3-LD4-30-2STD-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°	17.4	21.4	25.6	29.8	34.1	38.5	43.4	48.7	55.0	62.1	69.6
115°	18.5	22.2	26.1	30.3	34.4	38.4	42.5	47.7	53.9	60.5	67.8
117.5°	19.4	23.3	27.3	31.0	34.8	38.6	42.7	47.3	52.5	58.8	65.8
120°	20.9	24.7	28.2	31.7	35.2	39.1	43.2	47.5	52.0	56.8	64.1
122.5°	21.3	25.6	29.0	32.3	36.0	39.7	43.5	47.6	52.0	57.3	63.2
125°	21.5	25.8	30.0	33.3	36.5	39.9	43.7	47.8	52.4	57.6	63.1
127.5°	21.6	25.9	30.0	33.4	36.7	40.3	44.0	48.1	52.6	57.4	62.8
130°	21.2	25.1	29.3	33.7	37.3	40.5	44.2	48.1	52.3	57.0	62.0
132.5°	20.9	25.0	29.0	33.0	37.0	40.2	43.8	47.5	51.5	56.0	61.0
135°	20.5	24.3	28.1	31.9	35.7	39.4	42.6	46.2	50.3	54.7	59.4
137.5°	19.8	23.4	27.1	30.6	34.0	37.4	40.9	44.7	48.7	52.8	57.1
140°	18.9	22.3	25.6	28.9	32.4	35.9	39.3	42.5	46.1	49.8	53.6
142.5°	18.0	21.3	24.5	27.8	30.9	33.9	36.9	39.7	42.2	45.6	49.7
145°	17.1	20.1	23.1	26.1	28.9	31.5	34.1	36.7	39.3	41.9	45.1
147.5°	16.0	18.7	21.4	24.0	26.5	29.1	31.6	34.1	36.6	39.1	41.5
150°	14.5	17.0	19.5	21.9	24.3	26.8	29.2	31.6	34.0	36.6	39.1
152.5°	13.1	15.5	17.8	20.2	22.5	24.8	27.2	29.6	31.9	34.4	36.9
155°	12.1	14.3	16.5	18.8	21.0	23.2	25.5	27.8	30.1	32.4	34.7
157.5°	11.3	13.4	15.5	17.6	19.7	21.8	23.9	26.0	28.1	30.3	32.4
160°	10.5	12.5	14.4	16.3	18.3	20.2	22.2	24.2	26.3	28.4	30.5
162.5°	9.8	11.6	13.4	15.2	17.0	18.9	20.7	22.7	24.4	26.2	27.9
165°	9.0	10.6	12.3	13.9	15.4	17.0	18.6	20.2	21.7	23.3	24.9
167.5°	7.9	9.4	10.8	12.2	13.5	14.9	16.3	17.7	19.1	20.4	21.7
170°	6.8	8.0	9.2	10.3	11.5	12.6	13.7	14.9	15.9	17.0	18.1
172.5°	5.5	6.4	7.3	8.2	9.1	10.0	10.8	11.7	12.5	13.3	14.1
175°	4.1	4.7	5.4	6.0	6.6	7.2	7.9	8.5	9.1	9.6	10.2
177.5°	3.4	3.7	4.1	4.4	4.7	5.0	5.3	5.6	5.9	6.2	6.4
180°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0



TEST NUMBER: P232056

CATALOG NUMBER: FVS4WM-3-LD4-30-2STD-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
0°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
2.5°	6.7	7.0	7.2	7.5	7.7	8.0	8.2	8.4	8.6	8.8	9.0
5°	10.8	11.3	11.9	12.4	12.9	13.4	13.8	14.3	14.7	15.1	15.5
7.5°	14.8	15.6	16.3	17.0	17.7	18.4	19.1	19.8	20.5	21.1	21.7
10°	19.1	20.1	21.1	22.0	22.9	23.7	24.6	25.4	26.1	27.0	27.8
12.5°	23.0	24.3	25.5	26.7	27.9	29.1	30.1	31.1	32.0	32.9	33.8
15°	26.5	28.0	29.6	31.1	32.5	33.9	35.2	36.5	37.8	38.9	40.0
17.5°	29.6	31.4	33.1	34.9	36.7	38.4	40.1	41.7	43.2	44.6	46.0
20°	32.7	34.7	36.7	38.6	40.4	42.4	44.4	46.4	48.4	50.1	51.7
22.5°	34.8	37.2	39.7	42.2	44.3	46.4	48.5	50.7	53.0	55.3	57.3
25°	37.1	39.4	41.9	44.7	47.5	50.3	52.7	55.0	57.3	59.9	64.0
27.5°	39.4	42.0	44.6	47.2	49.9	53.1	58.1	62.8	67.4	72.0	77.0
30°	41.6	44.4	47.2	51.1	55.9	60.8	66.4	72.4	78.2	83.6	89.1
32.5°	44.2	48.1	52.6	57.6	62.8	68.3	74.0	80.5	87.5	94.2	100.6
35°	49.2	53.4	58.2	63.3	68.9	74.8	81.1	87.8	95.5	103.6	111.3
37.5°	54.0	58.5	63.2	68.5	74.4	80.7	87.5	94.8	102.6	111.7	121.2
40°	57.9	62.8	68.0	73.3	79.3	86.0	93.3	101.0	109.7	119.0	129.7
42.5°	61.5	66.2	71.9	77.8	83.9	90.8	98.5	107.0	116.0	126.1	137.4
45°	64.4	69.5	74.9	81.5	88.3	95.3	103.4	112.3	122.0	132.8	144.5
47.5°	66.3	72.0	78.0	84.3	92.0	99.7	107.6	117.4	127.7	138.8	151.7
50°	67.7	73.7	80.3	87.2	94.8	103.6	112.3	121.8	132.3	143.1	155.0
52.5°	68.6	75.0	81.9	89.6	97.5	107.2	116.8	125.4	135.7	146.6	158.2
55°	69.3	76.0	83.5	92.8	102.6	112.5	121.9	130.4	139.6	150.3	162.0
57.5°	69.7	78.1	87.1	96.8	107.6	118.1	127.8	136.1	143.9	154.6	166.3
60°	72.2	80.8	90.4	100.6	111.9	123.7	134.5	142.5	149.9	159.4	170.8
62.5°	74.3	83.4	93.4	104.2	115.9	129.0	141.0	149.6	156.4	164.5	175.5
65°	76.3	85.9	96.2	107.5	119.9	133.8	147.2	157.4	163.5	170.1	180.6
67.5°	78.4	88.3	99.2	111.0	123.9	138.3	153.4	165.8	171.2	176.5	186.3
70°	80.5	90.8	102.1	114.4	127.8	142.7	159.5	173.6	179.4	183.5	190.9
72.5°	82.5	93.2	105.0	118.0	131.7	146.0	161.2	173.9	180.1	184.1	191.0
75°	84.6	94.9	105.7	117.6	130.9	145.4	159.8	172.0	179.7	184.5	191.3
77.5°	84.7	94.3	104.7	116.5	130.2	145.3	159.4	170.7	179.2	184.7	191.8
80°	85.2	94.4	104.2	115.8	129.8	145.6	160.0	170.0	178.6	184.9	192.6
82.5°	86.1	95.1	104.3	115.4	129.7	146.4	161.4	169.8	177.9	185.1	193.5
85°	87.5	96.5	104.9	115.5	130.0	147.7	163.4	170.0	177.3	185.3	194.7
87.5°	89.4	98.3	106.0	116.1	130.9	149.5	165.8	170.5	176.8	185.7	196.1
90°	91.8	100.6	107.6	117.3	132.3	151.8	168.5	171.2	176.5	186.2	197.6
92.5°	89.4	98.3	106.0	116.1	130.9	149.5	165.8	170.5	176.8	185.7	196.1
95°	87.5	96.5	104.9	115.5	130.0	147.7	163.4	170.0	177.3	185.3	194.7
97.5°	86.1	95.1	104.3	115.4	129.7	146.4	161.4	169.8	177.9	185.1	193.5
100°	85.2	94.4	104.2	115.8	129.8	145.6	160.0	170.0	178.6	184.9	192.6
102.5°	84.7	94.3	104.7	116.5	130.2	145.3	159.4	170.7	179.2	184.7	191.8
105°	84.6	94.9	105.7	117.6	130.9	145.4	159.8	172.0	179.7	184.5	191.3
107.5°	82.5	93.2	105.0	118.0	131.7	146.0	161.2	173.9	180.1	184.1	191.0
110°	80.5	90.8	102.1	114.4	127.8	142.7	159.5	173.6	179.4	183.5	190.9



TEST NUMBER: P232056

CATALOG NUMBER: FVS4WM-3-LD4-30-2STD-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
112.5°	78.4	88.3	99.2	111.0	123.9	138.3	153.4	165.8	171.2	176.5	186.3
115°	76.3	85.9	96.2	107.5	119.9	133.8	147.2	157.4	163.5	170.1	180.6
117.5°	74.3	83.4	93.4	104.2	115.9	129.0	141.0	149.6	156.4	164.5	175.5
120°	72.2	80.8	90.4	100.6	111.9	123.7	134.5	142.5	149.9	159.4	170.8
122.5°	69.7	78.1	87.1	96.8	107.6	118.1	127.8	136.1	143.9	154.6	166.3
125°	69.3	76.0	83.5	92.8	102.6	112.5	121.9	130.4	139.6	150.3	162.0
127.5°	68.6	75.0	81.9	89.6	97.5	107.2	116.8	125.4	135.7	146.6	158.2
130°	67.7	73.7	80.3	87.2	94.8	103.6	112.3	121.8	132.3	143.1	155.0
132.5°	66.3	72.0	78.0	84.3	92.0	99.7	107.6	117.4	127.7	138.8	151.7
135°	64.4	69.5	74.9	81.5	88.3	95.3	103.4	112.3	122.0	132.8	144.5
137.5°	61.5	66.2	71.9	77.8	83.9	90.8	98.5	107.0	116.0	126.1	137.4
140°	57.9	62.8	68.0	73.3	79.3	86.0	93.3	101.0	109.7	119.0	129.7
142.5°	54.0	58.5	63.2	68.5	74.4	80.7	87.5	94.8	102.6	111.7	121.2
145°	49.2	53.4	58.2	63.3	68.9	74.8	81.1	87.8	95.5	103.6	111.3
147.5°	44.2	48.1	52.6	57.6	62.8	68.3	74.0	80.5	87.5	94.2	100.6
150°	41.6	44.4	47.2	51.1	55.9	60.8	66.4	72.4	78.2	83.6	89.1
152.5°	39.4	42.0	44.6	47.2	49.9	53.1	58.1	62.8	67.4	72.0	77.0
155°	37.1	39.4	41.9	44.7	47.5	50.3	52.7	55.0	57.3	59.9	64.0
157.5°	34.8	37.2	39.7	42.2	44.3	46.4	48.5	50.7	53.0	55.3	57.3
160°	32.7	34.7	36.7	38.6	40.4	42.4	44.4	46.4	48.4	50.1	51.7
162.5°	29.6	31.4	33.1	34.9	36.7	38.4	40.1	41.7	43.2	44.6	46.0
165°	26.5	28.0	29.6	31.1	32.5	33.9	35.2	36.5	37.8	38.9	40.0
167.5°	23.0	24.3	25.5	26.7	27.9	29.1	30.1	31.1	32.0	32.9	33.8
170°	19.1	20.1	21.1	22.0	22.9	23.7	24.6	25.4	26.1	27.0	27.8
172.5°	14.8	15.6	16.3	17.0	17.7	18.4	19.1	19.8	20.5	21.1	21.7
175°	10.8	11.3	11.9	12.4	12.9	13.4	13.8	14.3	14.7	15.1	15.5
177.5°	6.7	7.0	7.2	7.5	7.7	8.0	8.2	8.4	8.6	8.8	9.0
180°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0



TEST NUMBER: P232056

CATALOG NUMBER: FVS4WM-3-LD4-30-2STD-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
0°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
2.5°	9.1	9.3	9.4	9.6	9.7	9.8	9.9	9.9	10.0	10.0	11.1
5°	15.9	16.3	16.6	16.9	17.2	17.5	17.7	17.9	18.1	18.3	20.3
7.5°	22.2	22.8	23.3	23.9	24.4	24.9	25.4	25.8	26.2	26.5	29.5
10°	28.5	29.2	29.9	30.6	31.3	32.1	32.8	33.5	34.2	34.7	38.7
12.5°	34.7	35.6	36.5	37.3	38.0	39.0	40.1	41.1	42.1	43.0	47.9
15°	40.9	41.9	42.9	43.9	44.9	45.8	47.2	48.6	49.9	51.2	57.0
17.5°	47.2	48.3	49.4	50.5	51.7	52.7	54.0	55.9	57.7	59.4	66.1
20°	53.4	54.7	55.9	57.1	58.4	59.7	60.9	63.1	65.5	67.7	75.2
22.5°	59.1	60.9	62.4	63.7	65.1	66.5	67.9	70.2	73.1	75.9	84.3
25°	67.9	71.5	74.9	78.1	81.2	84.2	87.1	90.5	94.8	98.7	108.1
27.5°	82.0	86.5	90.8	94.9	99.0	103.0	106.9	110.8	116.4	121.6	132.1
30°	95.0	100.8	106.0	111.0	116.2	121.3	126.2	131.0	137.9	144.4	156.1
32.5°	107.3	114.2	120.6	126.5	132.8	139.1	145.3	151.2	159.2	167.3	180.1
35°	118.8	126.7	134.7	141.6	148.8	156.5	164.0	171.2	180.5	190.1	204.2
37.5°	129.8	138.6	147.8	156.3	164.5	173.4	182.4	191.1	201.6	213.0	228.3
40°	140.0	150.0	160.4	170.5	179.6	189.9	200.6	210.7	222.6	235.8	252.3
42.5°	149.6	160.9	172.5	184.7	194.7	206.0	218.8	230.2	243.5	258.7	276.4
45°	158.1	171.2	184.0	197.4	209.5	221.7	235.9	249.4	264.4	281.5	300.5
47.5°	165.5	178.8	190.9	203.3	215.2	227.1	242.4	257.5	274.1	293.3	314.3
50°	167.6	180.9	192.8	205.0	217.4	230.4	247.4	264.9	283.6	305.0	327.9
52.5°	170.7	183.4	195.3	207.0	219.4	233.8	252.2	272.1	293.1	316.8	341.6
55°	174.5	186.8	198.3	209.5	221.5	237.0	256.8	279.0	302.5	328.5	355.3
57.5°	178.7	190.8	201.8	212.3	224.1	240.1	261.3	285.8	311.8	340.3	369.0
60°	183.2	195.6	206.1	215.8	226.9	243.1	265.5	292.5	321.1	352.0	382.7
62.5°	188.1	200.8	210.2	219.5	230.0	246.0	269.7	299.1	330.4	363.8	396.4
65°	193.4	206.0	215.2	223.7	233.4	248.9	273.8	305.6	339.7	375.5	410.2
67.5°	198.8	211.5	220.7	228.1	237.0	251.7	277.9	312.0	349.0	387.3	423.9
70°	201.8	213.1	221.2	227.3	235.8	249.7	275.1	309.3	347.3	386.5	427.1
72.5°	200.8	211.0	218.9	224.3	233.3	247.3	272.1	306.3	345.5	385.7	430.3
75°	200.4	209.4	216.7	221.5	230.8	245.1	269.3	303.5	343.8	385.0	435.2
77.5°	200.5	208.1	214.7	218.6	228.3	243.2	266.7	300.8	342.2	384.2	438.0
80°	201.0	207.2	212.9	215.8	225.8	241.5	264.3	298.2	340.7	383.4	440.7
82.5°	201.8	206.6	211.2	213.1	223.4	239.9	262.1	295.8	339.2	382.6	443.5
85°	202.9	206.1	209.6	210.5	221.2	238.6	260.1	293.5	337.8	381.9	446.2
87.5°	204.2	205.8	208.0	208.0	219.0	237.5	258.4	291.4	336.5	381.1	449.0
90°	205.6	205.6	206.5	205.6	217.0	236.5	256.8	289.4	335.3	380.3	451.7
92.5°	204.2	205.8	208.0	208.0	219.0	237.5	258.4	291.4	336.5	381.1	449.0
95°	202.9	206.1	209.6	210.5	221.2	238.6	260.1	293.5	337.8	381.9	446.2
97.5°	201.8	206.6	211.2	213.1	223.4	239.9	262.1	295.8	339.2	382.6	443.5
100°	201.0	207.2	212.9	215.8	225.8	241.5	264.3	298.2	340.7	383.4	440.7
102.5°	200.5	208.1	214.7	218.6	228.3	243.2	266.7	300.8	342.2	384.2	438.0
105°	200.4	209.4	216.7	221.5	230.8	245.1	269.3	303.5	343.8	385.0	435.2
107.5°	200.8	211.0	218.9	224.3	233.3	247.3	272.1	306.3	345.5	385.7	430.3
110°	201.8	213.1	221.2	227.3	235.8	249.7	275.1	309.3	347.3	386.5	427.1



TEST NUMBER: P232056

CATALOG NUMBER: FVS4WM-3-LD4-30-2STD-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°	198.8	211.5	220.7	228.1	237.0	251.7	277.9	312.0	349.0	387.3	423.9
115°	193.4	206.0	215.2	223.7	233.4	248.9	273.8	305.6	339.7	375.5	410.2
117.5°	188.1	200.8	210.2	219.5	230.0	246.0	269.7	299.1	330.4	363.8	396.4
120°	183.2	195.6	206.1	215.8	226.9	243.1	265.5	292.5	321.1	352.0	382.7
122.5°	178.7	190.8	201.8	212.3	224.1	240.1	261.3	285.8	311.8	340.3	369.0
125°	174.5	186.8	198.3	209.5	221.5	237.0	256.8	279.0	302.5	328.5	355.3
127.5°	170.7	183.4	195.3	207.0	219.4	233.8	252.2	272.1	293.1	316.8	341.6
130°	167.6	180.9	192.8	205.0	217.4	230.4	247.4	264.9	283.6	305.0	327.9
132.5°	165.5	178.8	190.9	203.3	215.2	227.1	242.4	257.5	274.1	293.3	314.3
135°	158.1	171.2	184.0	197.4	209.5	221.7	235.9	249.4	264.4	281.5	300.5
137.5°	149.6	160.9	172.5	184.7	194.7	206.0	218.8	230.2	243.5	258.7	276.4
140°	140.0	150.0	160.4	170.5	179.6	189.9	200.6	210.7	222.6	235.8	252.3
142.5°	129.8	138.6	147.8	156.3	164.5	173.4	182.4	191.1	201.6	213.0	228.3
145°	118.8	126.7	134.7	141.6	148.8	156.5	164.0	171.2	180.5	190.1	204.2
147.5°	107.3	114.2	120.6	126.5	132.8	139.1	145.3	151.2	159.2	167.3	180.1
150°	95.0	100.8	106.0	111.0	116.2	121.3	126.2	131.0	137.9	144.4	156.1
152.5°	82.0	86.5	90.8	94.9	99.0	103.0	106.9	110.8	116.4	121.6	132.1
155°	67.9	71.5	74.9	78.1	81.2	84.2	87.1	90.5	94.8	98.7	108.1
157.5°	59.1	60.9	62.4	63.7	65.1	66.5	67.9	70.2	73.1	75.9	84.3
160°	53.4	54.7	55.9	57.1	58.4	59.7	60.9	63.1	65.5	67.7	75.2
162.5°	47.2	48.3	49.4	50.5	51.7	52.7	54.0	55.9	57.7	59.4	66.1
165°	40.9	41.9	42.9	43.9	44.9	45.8	47.2	48.6	49.9	51.2	57.0
167.5°	34.7	35.6	36.5	37.3	38.0	39.0	40.1	41.1	42.1	43.0	47.9
170°	28.5	29.2	29.9	30.6	31.3	32.1	32.8	33.5	34.2	34.7	38.7
172.5°	22.2	22.8	23.3	23.9	24.4	24.9	25.4	25.8	26.2	26.5	29.5
175°	15.9	16.3	16.6	16.9	17.2	17.5	17.7	17.9	18.1	18.3	20.3
177.5°	9.1	9.3	9.4	9.6	9.7	9.8	9.9	9.9	10.0	10.0	11.1
180°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0



TEST NUMBER: P232056

CATALOG NUMBER: FVS4WM-3-LD4-30-2STD-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
0°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
2.5°	12.1	13.0	14.0	14.9	15.9	16.8	17.6	18.4	19.2	20.0	20.7
5°	22.3	24.2	26.1	28.0	29.8	31.6	33.3	34.9	36.5	38.0	39.5
7.5°	32.5	35.4	38.2	41.0	43.6	46.3	48.9	52.1	55.1	58.0	60.8
10°	42.6	46.4	50.1	53.8	57.5	61.9	66.2	70.4	74.4	78.3	82.3
12.5°	52.7	57.4	62.0	67.0	72.6	78.1	83.4	88.6	93.5	98.1	102.5
15°	62.7	68.3	74.0	80.8	87.6	94.1	100.5	106.5	112.4	117.9	124.0
17.5°	72.7	79.1	86.6	94.6	102.4	110.0	117.5	124.7	131.6	137.6	143.2
20°	82.6	90.0	99.2	108.3	117.2	126.1	134.7	143.1	150.2	157.0	163.5
22.5°	92.5	101.5	111.7	121.8	132.2	142.4	152.2	160.8	169.0	176.5	182.2
25°	117.0	126.9	137.2	147.2	157.1	166.6	174.8	182.5	189.2	194.0	200.3
27.5°	142.1	153.3	164.4	175.0	185.2	194.5	202.6	210.1	215.4	220.4	221.3
30°	167.3	179.5	191.5	202.2	213.3	221.2	229.4	235.5	240.9	242.7	242.8
32.5°	192.6	205.6	217.7	228.7	238.6	247.0	254.3	260.2	263.5	264.2	264.6
35°	217.9	231.4	243.7	254.6	263.7	272.5	278.3	283.7	284.9	285.8	286.4
37.5°	243.0	257.1	269.1	279.8	288.0	295.5	301.7	304.9	306.6	307.4	308.5
40°	268.0	282.7	294.0	303.9	311.6	318.4	324.0	326.1	327.8	329.0	331.6
42.5°	292.9	307.9	318.5	327.3	334.5	340.8	345.0	347.3	349.1	351.2	353.8
45°	317.6	332.3	342.6	350.2	356.6	362.7	366.0	368.4	370.4	372.9	376.5
47.5°	334.0	351.6	365.7	375.5	384.2	390.8	392.8	391.9	391.7	394.1	398.6
50°	350.2	371.0	389.3	403.3	417.6	429.0	436.3	440.3	441.2	438.4	433.4
52.5°	366.7	391.2	413.8	432.4	453.2	469.9	482.7	492.2	498.5	497.2	493.8
55°	383.4	412.1	439.2	463.3	491.0	513.3	532.1	547.5	558.3	556.5	551.8
57.5°	400.3	433.6	465.5	496.0	530.4	559.0	584.0	605.9	617.1	615.1	607.7
60°	417.4	455.7	492.6	530.1	571.2	606.7	638.2	667.1	676.4	671.4	662.0
62.5°	434.5	478.2	520.3	565.4	613.3	655.9	694.6	730.8	736.0	726.1	713.0
65°	451.8	501.1	548.6	601.7	656.8	706.6	752.8	791.7	795.7	779.2	760.9
67.5°	469.1	524.2	577.2	638.8	701.3	758.5	812.6	850.6	850.8	830.4	806.0
70°	473.3	529.5	583.6	649.4	716.8	782.3	847.6	890.9	896.0	877.4	851.2
72.5°	476.8	532.9	586.3	652.9	720.3	788.4	857.3	901.9	914.1	901.5	881.1
75°	480.2	536.0	588.5	655.5	723.0	794.0	866.6	914.9	936.0	927.1	910.0
77.5°	483.3	538.6	590.1	657.2	724.9	799.0	875.3	929.5	960.9	953.9	939.6
80°	487.6	540.8	591.2	658.2	725.9	803.4	883.2	945.0	988.1	981.8	969.8
82.5°	489.7	544.0	593.5	658.4	726.0	806.9	890.2	961.0	1016.8	1010.6	1000.5
85°	491.8	544.7	592.7	659.1	727.0	811.9	899.0	979.7	1046.0	1040.1	1031.7
87.5°	493.8	545.4	591.9	656.9	724.3	811.8	901.7	992.8	1075.9	1069.9	1063.1
90°	495.9	546.1	591.1	654.7	721.7	811.7	904.4	1005.8	1102.9	1100.2	1094.9
92.5°	493.8	545.4	591.9	656.9	724.3	811.8	901.7	992.8	1075.9	1069.9	1063.1
95°	491.8	544.7	592.7	659.1	727.0	811.9	899.0	979.7	1046.0	1040.1	1031.7
97.5°	489.7	544.0	593.5	658.4	726.0	806.9	890.2	961.0	1016.8	1010.6	1000.5
100°	487.6	540.8	591.2	658.2	725.9	803.4	883.2	945.0	988.1	981.8	969.8
102.5°	483.3	538.6	590.1	657.2	724.9	799.0	875.3	929.5	960.9	953.9	939.6
105°	480.2	536.0	588.5	655.5	723.0	794.0	866.6	914.9	936.0	927.1	910.0
107.5°	476.8	532.9	586.3	652.9	720.3	788.4	857.3	901.9	914.1	901.5	881.1
110°	473.3	529.5	583.6	649.4	716.8	782.3	847.6	890.9	896.0	877.4	851.2



TEST NUMBER: P232056

CATALOG NUMBER: FVS4WM-3-LD4-30-2STD-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
112.5°	469.1	524.2	577.2	638.8	701.3	758.5	812.6	850.6	850.8	830.4	806.0
115°	451.8	501.1	548.6	601.7	656.8	706.6	752.8	791.7	795.7	779.2	760.9
117.5°	434.5	478.2	520.3	565.4	613.3	655.9	694.6	730.8	736.0	726.1	713.0
120°	417.4	455.7	492.6	530.1	571.2	606.7	638.2	667.1	676.4	671.4	662.0
122.5°	400.3	433.6	465.5	496.0	530.4	559.0	584.0	605.9	617.1	615.1	607.7
125°	383.4	412.1	439.2	463.3	491.0	513.3	532.1	547.5	558.3	556.5	551.8
127.5°	366.7	391.2	413.8	432.4	453.2	469.9	482.7	492.2	498.5	497.2	493.8
130°	350.2	371.0	389.3	403.3	417.6	429.0	436.3	440.3	441.2	438.4	433.4
132.5°	334.0	351.6	365.7	375.5	384.2	390.8	392.8	391.9	391.7	394.1	398.6
135°	317.6	332.3	342.6	350.2	356.6	362.7	366.0	368.4	370.4	372.9	376.5
137.5°	292.9	307.9	318.5	327.3	334.5	340.8	345.0	347.3	349.1	351.2	353.8
140°	268.0	282.7	294.0	303.9	311.6	318.4	324.0	326.1	327.8	329.0	331.6
142.5°	243.0	257.1	269.1	279.8	288.0	295.5	301.7	304.9	306.6	307.4	308.5
145°	217.9	231.4	243.7	254.6	263.7	272.5	278.3	283.7	284.9	285.8	286.4
147.5°	192.6	205.6	217.7	228.7	238.6	247.0	254.3	260.2	263.5	264.2	264.6
150°	167.3	179.5	191.5	202.2	213.3	221.2	229.4	235.5	240.9	242.7	242.8
152.5°	142.1	153.3	164.4	175.0	185.2	194.5	202.6	210.1	215.4	220.4	221.3
155°	117.0	126.9	137.2	147.2	157.1	166.6	174.8	182.5	189.2	194.0	200.3
157.5°	92.5	101.5	111.7	121.8	132.2	142.4	152.2	160.8	169.0	176.5	182.2
160°	82.6	90.0	99.2	108.3	117.2	126.1	134.7	143.1	150.2	157.0	163.5
162.5°	72.7	79.1	86.6	94.6	102.4	110.0	117.5	124.7	131.6	137.6	143.2
165°	62.7	68.3	74.0	80.8	87.6	94.1	100.5	106.5	112.4	117.9	124.0
167.5°	52.7	57.4	62.0	67.0	72.6	78.1	83.4	88.6	93.5	98.1	102.5
170°	42.6	46.4	50.1	53.8	57.5	61.9	66.2	70.4	74.4	78.3	82.3
172.5°	32.5	35.4	38.2	41.0	43.6	46.3	48.9	52.1	55.1	58.0	60.8
175°	22.3	24.2	26.1	28.0	29.8	31.6	33.3	34.9	36.5	38.0	39.5
177.5°	12.1	13.0	14.0	14.9	15.9	16.8	17.6	18.4	19.2	20.0	20.7
180°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0



TEST NUMBER: P232056

CATALOG NUMBER: FVS4WM-3-LD4-30-2STD-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
0°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
2.5°	21.4	22.1	22.7	23.3	23.8	24.4	24.8	25.2	25.6	25.9	26.2
5°	41.3	43.0	44.6	46.2	47.6	49.0	50.2	51.3	52.4	53.3	54.1
7.5°	63.5	66.1	68.5	70.8	72.9	74.7	76.3	77.7	79.0	80.1	81.1
10°	85.4	88.4	91.4	94.1	96.6	98.9	101.1	102.8	104.1	105.3	106.2
12.5°	106.6	110.5	114.1	117.0	119.7	122.1	124.3	126.2	127.9	129.3	130.4
15°	127.7	131.8	135.7	139.2	142.4	145.0	147.5	149.6	151.5	153.2	154.9
17.5°	148.4	154.0	157.2	160.8	164.2	167.3	170.2	173.1	176.1	179.0	181.8
20°	168.6	173.3	177.6	181.5	184.7	188.0	191.3	194.9	198.6	202.5	206.3
22.5°	187.6	192.3	195.3	198.4	201.8	205.6	209.6	213.8	218.7	224.8	230.7
25°	203.8	206.2	209.4	212.3	216.0	220.1	226.4	233.2	240.1	247.7	256.0
27.5°	221.0	220.4	219.9	223.2	229.2	236.2	244.4	252.7	262.2	271.7	282.1
30°	242.7	242.4	242.3	244.4	246.3	251.7	261.8	272.1	284.4	296.7	309.8
32.5°	264.7	265.5	268.0	270.7	275.3	279.5	285.3	292.6	306.9	323.8	340.6
35°	287.6	290.3	293.7	298.7	304.2	311.3	318.1	328.5	337.9	356.3	382.0
37.5°	311.4	314.9	320.2	326.7	334.8	344.7	356.9	370.8	391.0	412.0	434.4
40°	334.7	340.1	347.0	355.9	367.9	382.0	402.1	425.1	451.2	479.3	507.2
42.5°	358.8	365.0	374.7	387.7	403.6	427.6	453.5	485.2	519.4	550.8	583.4
45°	381.7	391.4	404.0	421.7	447.4	476.1	511.3	546.9	585.6	624.9	667.8
47.5°	406.3	416.9	436.3	461.6	492.9	529.9	568.9	611.6	656.9	704.1	752.9
50°	432.7	447.6	470.4	504.1	541.8	582.5	628.9	678.1	731.8	782.9	837.1
52.5°	492.3	499.4	519.3	547.5	590.8	637.8	689.4	746.1	800.9	859.6	921.7
55°	551.1	558.8	580.5	608.2	646.8	693.0	748.2	807.8	869.0	933.1	1005.5
57.5°	605.4	615.4	635.4	664.4	706.2	755.9	810.0	868.2	932.2	1004.9	1085.3
60°	657.0	666.2	686.0	718.8	762.3	813.1	868.8	928.9	995.8	1070.1	1163.4
62.5°	707.5	714.3	732.2	767.2	813.7	865.2	921.7	984.4	1058.2	1143.1	1237.8
65°	753.6	758.4	778.2	813.5	860.0	910.5	968.5	1038.7	1119.0	1209.3	1311.9
67.5°	795.6	798.0	819.2	856.3	901.1	951.6	1012.1	1087.0	1172.1	1269.6	1392.6
70°	835.8	834.7	855.7	894.5	936.7	987.5	1053.8	1131.8	1219.4	1323.0	1464.1
72.5°	869.2	870.1	890.8	928.2	967.4	1020.3	1089.8	1168.3	1258.0	1374.5	1515.5
75°	899.5	900.4	918.8	949.7	987.8	1042.9	1117.8	1197.8	1286.7	1411.1	1564.8
77.5°	929.0	927.7	942.6	966.5	1001.6	1057.9	1133.3	1219.3	1319.5	1448.1	1605.6
80°	958.1	952.8	963.0	979.2	1011.4	1067.6	1145.6	1237.5	1346.2	1484.5	1645.9
82.5°	986.9	976.3	980.6	988.8	1017.7	1072.6	1154.4	1252.0	1365.1	1509.1	1679.9
85°	1015.6	998.6	996.3	996.0	1021.2	1073.5	1159.5	1262.2	1376.5	1522.5	1705.6
87.5°	1044.3	1020.3	1010.8	1001.8	1023.0	1072.0	1162.8	1270.5	1384.0	1529.9	1727.7
90°	1073.8	1042.9	1025.2	1007.6	1022.6	1065.8	1157.6	1267.9	1378.2	1518.4	1724.0
92.5°	1044.3	1020.3	1010.8	1001.8	1023.0	1072.0	1162.8	1270.5	1384.0	1529.9	1727.7
95°	1015.6	998.6	996.3	996.0	1021.2	1073.5	1159.5	1262.2	1376.5	1522.5	1705.6
97.5°	986.9	976.3	980.6	988.8	1017.7	1072.6	1154.4	1252.0	1365.1	1509.1	1679.9
100°	958.1	952.8	963.0	979.2	1011.4	1067.6	1145.6	1237.5	1346.2	1484.5	1645.9
102.5°	929.0	927.7	942.6	966.5	1001.6	1057.9	1133.3	1219.3	1319.5	1448.1	1605.6
105°	899.5	900.4	918.8	949.7	987.8	1042.9	1117.8	1197.8	1286.7	1411.1	1564.8
107.5°	869.2	870.1	890.8	928.2	967.4	1020.3	1089.8	1168.3	1258.0	1374.5	1515.5
110°	835.8	834.7	855.7	894.5	936.7	987.5	1053.8	1131.8	1219.4	1323.0	1464.1



TEST NUMBER: P232056

CATALOG NUMBER: FVS4WM-3-LD4-30-2STD-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°	795.6	798.0	819.2	856.3	901.1	951.6	1012.1	1087.0	1172.1	1269.6	1392.6
115°	753.6	758.4	778.2	813.5	860.0	910.5	968.5	1038.7	1119.0	1209.3	1311.9
117.5°	707.5	714.3	732.2	767.2	813.7	865.2	921.7	984.4	1058.2	1143.1	1237.8
120°	657.0	666.2	686.0	718.8	762.3	813.1	868.8	928.9	995.8	1070.1	1163.4
122.5°	605.4	615.4	635.4	664.4	706.2	755.9	810.0	868.2	932.2	1004.9	1085.3
125°	551.1	558.8	580.5	608.2	646.8	693.0	748.2	807.8	869.0	933.1	1005.5
127.5°	492.3	499.4	519.3	547.5	590.8	637.8	689.4	746.1	800.9	859.6	921.7
130°	432.7	447.6	470.4	504.1	541.8	582.5	628.9	678.1	731.8	782.9	837.1
132.5°	406.3	416.9	436.3	461.6	492.9	529.9	568.9	611.6	656.9	704.1	752.9
135°	381.7	391.4	404.0	421.7	447.4	476.1	511.3	546.9	585.6	624.9	667.8
137.5°	358.8	365.0	374.7	387.7	403.6	427.6	453.5	485.2	519.4	550.8	583.4
140°	334.7	340.1	347.0	355.9	367.9	382.0	402.1	425.1	451.2	479.3	507.2
142.5°	311.4	314.9	320.2	326.7	334.8	344.7	356.9	370.8	391.0	412.0	434.4
145°	287.6	290.3	293.7	298.7	304.2	311.3	318.1	328.5	337.9	356.3	382.0
147.5°	264.7	265.5	268.0	270.7	275.3	279.5	285.3	292.6	306.9	323.8	340.6
150°	242.7	242.4	242.3	244.4	246.3	251.7	261.8	272.1	284.4	296.7	309.8
152.5°	221.0	220.4	219.9	223.2	229.2	236.2	244.4	252.7	262.2	271.7	282.1
155°	203.8	206.2	209.4	212.3	216.0	220.1	226.4	233.2	240.1	247.7	256.0
157.5°	187.6	192.3	195.3	198.4	201.8	205.6	209.6	213.8	218.7	224.8	230.7
160°	168.6	173.3	177.6	181.5	184.7	188.0	191.3	194.9	198.6	202.5	206.3
162.5°	148.4	154.0	157.2	160.8	164.2	167.3	170.2	173.1	176.1	179.0	181.8
165°	127.7	131.8	135.7	139.2	142.4	145.0	147.5	149.6	151.5	153.2	154.9
167.5°	106.6	110.5	114.1	117.0	119.7	122.1	124.3	126.2	127.9	129.3	130.4
170°	85.4	88.4	91.4	94.1	96.6	98.9	101.1	102.8	104.1	105.3	106.2
172.5°	63.5	66.1	68.5	70.8	72.9	74.7	76.3	77.7	79.0	80.1	81.1
175°	41.3	43.0	44.6	46.2	47.6	49.0	50.2	51.3	52.4	53.3	54.1
177.5°	21.4	22.1	22.7	23.3	23.8	24.4	24.8	25.2	25.6	25.9	26.2
180°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0



TEST NUMBER: P232056

CATALOG NUMBER: FVS4WM-3-LD4-30-2STD-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
0°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
2.5°	26.4	26.6	26.8	26.9	26.9	26.9	27.7	27.3	27.0	26.6	26.3
5°	54.9	55.5	56.0	56.4	56.6	56.8	56.8	56.8	57.5	56.8	56.1
7.5°	81.9	82.6	83.1	83.4	83.6	83.6	83.5	83.2	82.7	82.8	81.6
10°	107.0	107.5	107.8	108.0	107.9	107.7	107.2	106.6	105.7	105.5	103.8
12.5°	131.3	132.0	132.5	132.7	132.7	132.5	132.1	131.4	130.5	129.3	128.4
15°	156.9	158.7	160.4	162.0	163.3	164.4	165.2	165.7	166.0	165.9	166.2
17.5°	184.7	187.5	190.2	192.8	195.2	197.3	199.2	200.8	202.1	202.9	204.4
20°	210.2	214.3	218.8	223.1	227.1	230.8	234.1	237.1	239.6	241.6	244.4
22.5°	236.7	242.5	248.7	254.9	260.8	266.3	271.3	275.9	279.9	283.3	287.6
25°	264.2	272.2	280.1	288.6	296.7	304.3	311.3	317.8	323.6	328.7	332.9
27.5°	292.8	303.4	313.8	324.7	335.9	346.5	356.3	365.3	373.4	380.5	386.6
30°	323.6	338.1	352.1	365.8	381.3	395.3	407.9	419.0	428.7	436.9	443.6
32.5°	358.8	379.9	399.6	417.8	436.1	453.6	468.8	481.8	492.7	501.5	508.3
35°	406.4	432.9	458.5	481.5	502.3	521.3	537.5	550.9	561.7	569.9	575.7
37.5°	466.9	497.1	526.0	551.7	574.2	596.8	616.2	631.9	643.9	652.5	657.7
40°	535.5	568.0	602.9	635.2	663.1	688.1	710.2	728.0	741.5	750.9	756.2
42.5°	619.8	656.0	694.0	730.9	763.1	791.6	820.6	844.6	863.5	877.2	885.7
45°	710.0	752.9	793.8	838.6	880.1	921.5	951.3	980.1	1002.1	1017.4	1026.1
47.5°	801.2	853.1	905.7	960.4	1012.0	1056.4	1100.1	1141.5	1175.4	1201.3	1218.7
50°	895.6	956.1	1022.7	1089.1	1163.9	1224.5	1278.9	1328.5	1372.3	1409.1	1437.5
52.5°	990.2	1062.5	1145.5	1231.5	1316.1	1391.5	1455.4	1517.0	1572.6	1620.7	1659.8
55°	1083.2	1174.4	1268.0	1362.4	1456.7	1549.7	1629.0	1694.4	1753.4	1806.9	1853.1
57.5°	1179.0	1278.8	1381.1	1493.3	1606.4	1688.0	1767.7	1838.7	1902.5	1961.1	2012.7
60°	1266.5	1377.0	1503.9	1617.5	1716.4	1803.8	1882.9	1958.2	2025.9	2086.6	2139.5
62.5°	1348.5	1487.7	1610.3	1720.7	1812.3	1900.6	1982.2	2061.9	2128.6	2191.8	2249.2
65°	1448.2	1579.6	1698.5	1797.2	1890.7	1980.8	2065.3	2142.6	2216.2	2283.4	2340.3
67.5°	1530.7	1660.7	1762.1	1858.4	1954.6	2050.4	2139.0	2223.1	2299.4	2360.9	2413.1
70°	1600.2	1723.0	1825.0	1913.9	2014.2	2111.0	2204.2	2290.7	2367.3	2435.9	2488.9
72.5°	1658.5	1782.5	1880.1	1975.9	2067.6	2161.8	2263.9	2354.2	2442.4	2508.8	2553.5
75°	1710.6	1827.5	1926.8	2022.1	2115.1	2217.7	2313.9	2405.0	2484.7	2562.3	2616.8
77.5°	1755.8	1867.0	1960.8	2055.0	2155.7	2259.5	2354.8	2435.4	2528.6	2610.9	2667.7
80°	1788.4	1892.5	1982.1	2078.2	2181.8	2294.6	2383.9	2474.5	2566.8	2648.8	2694.0
82.5°	1815.8	1914.5	2003.7	2098.3	2201.4	2307.5	2404.7	2500.1	2600.0	2675.9	2716.3
85°	1835.1	1928.3	2015.6	2114.0	2219.2	2321.6	2415.5	2511.5	2610.4	2690.5	2740.4
87.5°	1850.4	1934.1	2017.9	2119.7	2222.4	2324.1	2419.7	2521.0	2619.1	2698.6	2737.8
90°	1847.5	1932.2	2011.6	2114.9	2211.9	2312.5	2409.6	2511.0	2612.5	2686.6	2730.7
92.5°	1850.4	1934.1	2017.9	2119.7	2222.4	2324.1	2419.7	2521.0	2619.1	2698.6	2737.8
95°	1835.1	1928.3	2015.6	2114.0	2219.2	2321.6	2415.5	2511.5	2610.4	2690.5	2740.4
97.5°	1815.8	1914.5	2003.7	2098.3	2201.4	2307.5	2404.7	2500.1	2600.0	2675.9	2716.3
100°	1788.4	1892.5	1982.1	2078.2	2181.8	2294.6	2383.9	2474.5	2566.8	2648.8	2694.0
102.5°	1755.8	1867.0	1960.8	2055.0	2155.7	2259.5	2354.8	2435.4	2528.6	2610.9	2667.7
105°	1710.6	1827.5	1926.8	2022.1	2115.1	2217.7	2313.9	2405.0	2484.7	2562.3	2616.8
107.5°	1658.5	1782.5	1880.1	1975.9	2067.6	2161.8	2263.9	2354.2	2442.4	2508.8	2553.5
110°	1600.2	1723.0	1825.0	1913.9	2014.2	2111.0	2204.2	2290.7	2367.3	2435.9	2488.9



TEST NUMBER: P232056

CATALOG NUMBER: FVS4WM-3-LD4-30-2STD-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
112.5°	1530.7	1660.7	1762.1	1858.4	1954.6	2050.4	2139.0	2223.1	2299.4	2360.9	2413.1
115°	1448.2	1579.6	1698.5	1797.2	1890.7	1980.8	2065.3	2142.6	2216.2	2283.4	2340.3
117.5°	1348.5	1487.7	1610.3	1720.7	1812.3	1900.6	1982.2	2061.9	2128.6	2191.8	2249.2
120°	1266.5	1377.0	1503.9	1617.5	1716.4	1803.8	1882.9	1958.2	2025.9	2086.6	2139.5
122.5°	1179.0	1278.8	1381.1	1493.3	1606.4	1688.0	1767.7	1838.7	1902.5	1961.1	2012.7
125°	1083.2	1174.4	1268.0	1362.4	1456.7	1549.7	1629.0	1694.4	1753.4	1806.9	1853.1
127.5°	990.2	1062.5	1145.5	1231.5	1316.1	1391.5	1455.4	1517.0	1572.6	1620.7	1659.8
130°	895.6	956.1	1022.7	1089.1	1163.9	1224.5	1278.9	1328.5	1372.3	1409.1	1437.5
132.5°	801.2	853.1	905.7	960.4	1012.0	1056.4	1100.1	1141.5	1175.4	1201.3	1218.7
135°	710.0	752.9	793.8	838.6	880.1	921.5	951.3	980.1	1002.1	1017.4	1026.1
137.5°	619.8	656.0	694.0	730.9	763.1	791.6	820.6	844.6	863.5	877.2	885.7
140°	535.5	568.0	602.9	635.2	663.1	688.1	710.2	728.0	741.5	750.9	756.2
142.5°	466.9	497.1	526.0	551.7	574.2	596.8	616.2	631.9	643.9	652.5	657.7
145°	406.4	432.9	458.5	481.5	502.3	521.3	537.5	550.9	561.7	569.9	575.7
147.5°	358.8	379.9	399.6	417.8	436.1	453.6	468.8	481.8	492.7	501.5	508.3
150°	323.6	338.1	352.1	365.8	381.3	395.3	407.9	419.0	428.7	436.9	443.6
152.5°	292.8	303.4	313.8	324.7	335.9	346.5	356.3	365.3	373.4	380.5	386.6
155°	264.2	272.2	280.1	288.6	296.7	304.3	311.3	317.8	323.6	328.7	332.9
157.5°	236.7	242.5	248.7	254.9	260.8	266.3	271.3	275.9	279.9	283.3	287.6
160°	210.2	214.3	218.8	223.1	227.1	230.8	234.1	237.1	239.6	241.6	244.4
162.5°	184.7	187.5	190.2	192.8	195.2	197.3	199.2	200.8	202.1	202.9	204.4
165°	156.9	158.7	160.4	162.0	163.3	164.4	165.2	165.7	166.0	165.9	166.2
167.5°	131.3	132.0	132.5	132.7	132.7	132.5	132.1	131.4	130.5	129.3	128.4
170°	107.0	107.5	107.8	108.0	107.9	107.7	107.2	106.6	105.7	105.5	103.8
172.5°	81.9	82.6	83.1	83.4	83.6	83.6	83.5	83.2	82.7	82.8	81.6
175°	54.9	55.5	56.0	56.4	56.6	56.8	56.8	56.8	57.5	56.8	56.1
177.5°	26.4	26.6	26.8	26.9	26.9	26.9	27.7	27.3	27.0	26.6	26.3
180°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0



TEST NUMBER: P232056

CATALOG NUMBER: FVS4WM-3-LD4-30-2STD-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	357.5°	360°
0°	1.8	1.8
2.5°	26.0	25.6
5°	55.4	54.7
7.5°	80.5	79.4
10°	102.2	100.6
12.5°	126.4	124.4
15°	164.7	163.2
17.5°	203.7	202.9
20°	244.4	244.4
22.5°	288.5	289.4
25°	336.8	338.8
27.5°	392.2	395.3
30°	449.5	452.6
32.5°	514.0	516.1
35°	580.3	580.6
37.5°	661.2	659.1
40°	759.4	755.3
42.5°	891.5	886.7
45°	1031.4	1024.4
47.5°	1232.0	1226.4
50°	1462.1	1463.7
52.5°	1694.9	1704.6
55°	1896.2	1915.5
57.5°	2061.4	2088.4
60°	2188.8	2219.0
62.5°	2299.3	2340.7
65°	2387.4	2425.4
67.5°	2456.4	2491.6
70°	2528.8	2557.8
72.5°	2587.0	2610.7
75°	2643.4	2656.6
77.5°	2687.1	2697.2
80°	2715.2	2726.3
82.5°	2735.1	2751.0
85°	2747.2	2766.0
87.5°	2760.5	2775.7
90°	2745.7	2768.7
92.5°	2760.5	2775.7
95°	2747.2	2766.0
97.5°	2735.1	2751.0
100°	2715.2	2726.3
102.5°	2687.1	2697.2
105°	2643.4	2656.6
107.5°	2587.0	2610.7
110°	2528.8	2557.8



TEST NUMBER: P232056

CATALOG NUMBER: FVS4WM-3-LD4-30-2STD-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	357.5°	360°
112.5°	2456.4	2491.6
115°	2387.4	2425.4
117.5°	2299.3	2340.7
120°	2188.8	2219.0
122.5°	2061.4	2088.4
125°	1896.2	1915.5
127.5°	1694.9	1704.6
130°	1462.1	1463.7
132.5°	1232.0	1226.4
135°	1031.4	1024.4
137.5°	891.5	886.7
140°	759.4	755.3
142.5°	661.2	659.1
145°	580.3	580.6
147.5°	514.0	516.1
150°	449.5	452.6
152.5°	392.2	395.3
155°	336.8	338.8
157.5°	288.5	289.4
160°	244.4	244.4
162.5°	203.7	202.9
165°	164.7	163.2
167.5°	126.4	124.4
170°	102.2	100.6
172.5°	80.5	79.4
175°	55.4	54.7
177.5°	26.0	25.6
180°	1.0	1.0

(END OF REPORT)