

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: P231919

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

Issue Date: 3/3/2020



Test Information

Test Method: LM-79-08
Report Number: P231919
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1706-121-8)
Test Lab: INNOVATION CENTER(G3)
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: FAIL-SAFE
Catalog Number: FVS4WM-2-LD4-50-2HI-P125-UNV-EDC1
Description: FAILSAFE FVS LED FIXTURE
2FT LENGTH, 2-MODULE LED WITH P125 LENS
Light Source: (84) 5000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

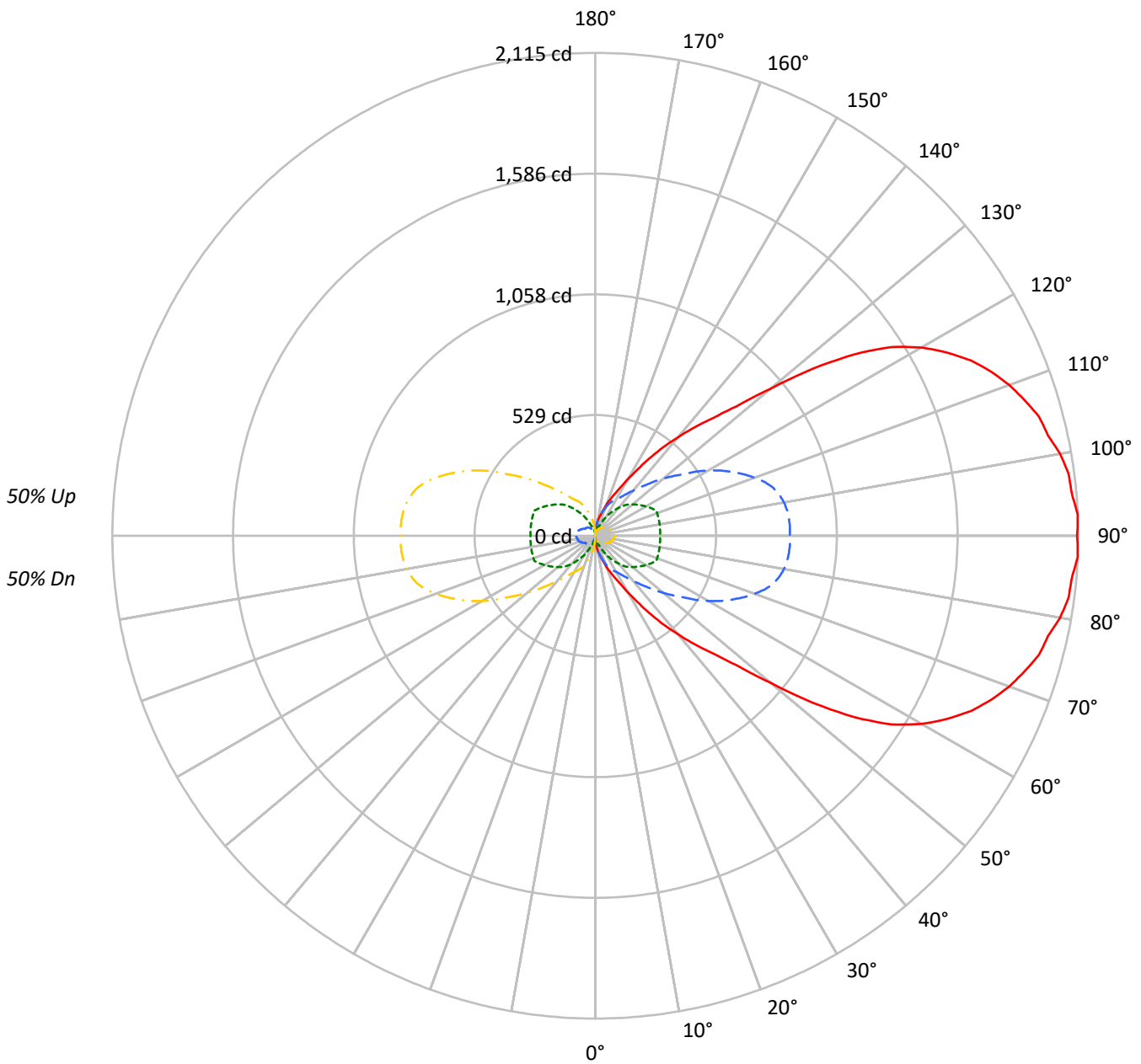
Lumens per Lamp: N/A
Luminaire Lumens: 4830.9 lumens
Efficiency: N/A
Efficacy: 107.8 lumens/watt
Spacing Criteria (0/90/45): - / - / -
Luminous Opening: Rectangular w/ Sides (W: 1.92' x L: 0.19' x H: 0.31')
CIE Type: General Diffuse

Input Watts (W): 44.8
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: P231919

CATALOG NUMBER: FVS4WM-2-LD4-50-2HI-P125-UNV-EDC1

Luminous Intensity Polar Plot



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



TEST NUMBER: P231919

CATALOG NUMBER: FVS4WM-2-LD4-50-2HI-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	46	43	38	36	33	28
2	80	69	60	52	72	63	55	48	51	45	39	40	35	31	30	26	23	18
3	71	58	49	41	64	53	44	37	43	36	30	33	28	23	24	20	17	12
4	64	50	40	32	58	46	37	30	37	29	24	28	23	18	21	16	13	9
5	58	44	34	27	53	40	31	24	32	25	19	25	19	15	18	14	10	6
6	53	39	29	22	48	35	27	20	28	21	16	22	16	12	16	11	8	5
7	49	35	25	19	44	31	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	12	9	13	9	6	3
9	42	28	20	14	38	26	18	13	21	14	10	16	11	7	12	8	5	2
10	39	26	18	12	35	23	16	11	19	13	9	15	10	6	11	7	4	2

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	0	0	0	0
5°	1057	323	0	323
10°	1664	644	0	644
15°	2126	972	0	972
20°	2940	1312	0	1312
25°	3769	1993	0	1993
30°	5073	3054	0	3054
35°	6970	4211	0	4211
40°	9168	5506	0	5506
45°	11565	6985	0	6985
50°	15665	8326	0	8326
55°	21419	9950	0	9950
60°	25416	11982	17	11982
65°	28135	14598	17	14598
70°	30283	17430	17	17430
75°	32250	20649	18	20649
80°	34104	25613	0	25613
85°	35907	34155	0	34155



TEST NUMBER: P231919

CATALOG NUMBER: FVS4WM-2-LD4-50-2HI-P125-UNV-EDC1

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	2.3	0.0
10°-20°	15.4	0.3
20°-30°	43.3	0.9
30°-40°	96.2	2.0
40°-50°	186.0	3.8
50°-60°	331.1	6.9
60°-70°	488.1	10.1
70°-80°	598.6	12.4
80°-90°	654.4	13.5
90°-100°	654.4	13.5
100°-110°	598.6	12.4
110°-120°	488.1	10.1
120°-130°	331.1	6.9
130°-140°	186.0	3.8
140°-150°	96.2	2.0
150°-160°	43.3	0.9
160°-170°	15.4	0.3
170°-180°	2.3	0.0
0°-30°	61.1	1.3
0°-40°	157.3	3.3
0°-60°	674.3	14.0
0°-90°	2415.4	50.0
90°-120°	1741.1	36.0
90°-150°	2354.4	48.7
90°-180°	2415.0	50.0
0°-180°	4830.9	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	0	0	0	0	0	
5°	40	11	0	11	40	5
15°	99	33	0	33	99	30
25°	203	65	0	65	203	98
35°	413	128	0	128	413	266
45°	728	192	0	192	728	584
55°	1386	235	0	235	1386	1229
65°	1816	278	1	278	1816	1793
75°	2012	287	1	287	2012	2120
85°	2095	285	0	285	2095	1709
90°	2110	283	0	283	2110	1158
95°	2095	285	0	285	2095	1709
105°	2012	287	1	287	2012	2120
115°	1816	278	1	278	1816	1793
125°	1386	235	0	235	1386	1229
135°	728	192	0	192	728	584
145°	413	128	0	128	413	266
155°	203	65	0	65	203	98
165°	99	33	0	33	99	30
175°	40	11	0	11	40	5
180°	0	0	0	0	0	



TEST NUMBER: P231919

CATALOG NUMBER: FVS4WM-2-LD4-50-2HI-P125-UNV-EDC1

CANDELA DISTRIBUTION (FULL):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	16.3	16.5	16.8	17.0	17.2	17.4	17.6	17.1	17.1	17.1	17.0
5°	40.3	40.7	41.1	41.5	41.9	41.1	41.0	40.8	40.5	40.2	39.7
7.5°	54.5	55.2	55.8	56.5	56.5	56.8	57.0	57.1	57.1	57.0	56.8
10°	70.8	71.8	72.8	73.7	73.7	74.1	74.3	74.4	74.4	74.2	73.8
12.5°	85.0	86.4	87.7	88.5	89.3	90.0	90.5	90.9	91.1	91.1	90.9
15°	99.2	101.0	102.8	103.9	105.0	106.0	106.8	107.3	107.7	107.8	107.7
17.5°	119.9	121.8	123.6	124.3	125.2	125.8	126.3	126.5	126.4	126.2	125.7
20°	148.2	149.5	150.8	150.2	150.1	149.8	149.2	148.4	147.4	146.3	145.1
22.5°	173.3	174.0	174.7	173.5	172.9	172.0	170.8	169.4	167.8	166.1	164.2
25°	202.7	202.7	201.6	200.2	198.4	196.3	193.7	190.9	187.8	184.5	181.1
27.5°	237.6	236.8	234.6	232.0	228.8	225.1	220.8	216.1	211.0	205.6	200.5
30°	287.8	285.9	281.6	276.8	271.1	264.4	256.9	248.7	239.9	230.5	223.7
32.5°	344.4	341.5	335.5	328.9	321.0	311.9	301.7	290.4	278.2	266.0	254.6
35°	413.1	409.2	401.2	392.3	381.6	369.2	355.1	339.5	322.5	307.1	291.5
37.5°	489.4	484.9	475.4	464.7	451.7	436.3	418.7	398.9	377.7	357.3	335.7
40°	562.4	559.3	550.5	540.2	526.8	510.1	490.2	467.0	442.0	416.1	388.4
42.5°	645.3	643.1	634.1	623.2	608.7	590.6	568.8	543.4	515.6	484.3	449.4
45°	728.1	729.9	723.8	714.9	700.9	681.4	656.1	629.1	595.1	560.6	524.4
47.5°	839.3	843.0	835.8	825.5	809.4	787.4	759.5	726.8	689.1	644.8	606.3
50°	1003.9	1005.8	991.0	972.7	947.1	914.8	876.3	838.1	796.4	747.9	698.9
52.5°	1202.2	1196.8	1170.7	1141.6	1105.4	1063.4	1017.1	967.7	909.2	848.5	792.6
55°	1386.5	1373.7	1339.9	1303.2	1259.5	1210.5	1156.8	1096.6	1027.2	955.8	884.5
57.5°	1539.1	1518.4	1478.9	1437.4	1390.5	1339.8	1281.9	1214.6	1146.0	1061.6	978.8
60°	1649.1	1625.9	1586.6	1544.1	1495.1	1440.2	1380.8	1318.7	1246.8	1163.5	1075.0
62.5°	1737.4	1708.6	1672.8	1630.3	1581.7	1528.2	1467.2	1403.3	1332.5	1257.1	1164.4
65°	1815.9	1786.5	1749.7	1705.7	1654.8	1599.3	1540.0	1476.4	1404.3	1327.7	1244.3
67.5°	1876.9	1849.3	1814.5	1772.1	1722.1	1665.1	1601.7	1534.4	1464.2	1386.9	1305.8
70°	1929.3	1909.0	1879.2	1837.7	1781.6	1720.9	1657.0	1585.6	1511.0	1438.5	1363.7
72.5°	1971.8	1959.0	1937.0	1903.3	1845.9	1772.8	1701.1	1629.2	1556.5	1484.6	1411.4
75°	2012.1	2005.1	1988.5	1949.7	1888.2	1817.5	1740.6	1669.3	1598.4	1523.5	1448.2
77.5°	2030.6	2029.9	2022.8	1982.9	1921.2	1851.4	1778.0	1705.2	1631.3	1554.2	1477.2
80°	2066.6	2063.7	2048.5	2010.0	1948.4	1877.6	1805.0	1732.7	1656.8	1576.9	1498.2
82.5°	2089.5	2086.8	2073.9	2044.0	1978.6	1898.3	1819.8	1743.5	1672.0	1597.0	1519.5
85°	2094.9	2097.0	2090.2	2055.2	1992.4	1913.2	1833.1	1758.5	1685.1	1611.3	1532.9
87.5°	2114.6	2110.1	2093.4	2064.1	2000.8	1927.0	1846.8	1767.6	1690.0	1616.6	1538.5
90°	2110.2	2108.0	2096.0	2067.7	1997.9	1922.7	1848.6	1766.9	1686.2	1613.2	1536.9
92.5°	2114.6	2110.1	2093.4	2064.1	2000.8	1927.0	1846.8	1767.6	1690.0	1616.6	1538.5
95°	2094.9	2097.0	2090.2	2055.2	1992.4	1913.2	1833.1	1758.5	1685.1	1611.3	1532.9
97.5°	2089.5	2086.8	2073.9	2044.0	1978.6	1898.3	1819.8	1743.5	1672.0	1597.0	1519.5
100°	2066.6	2063.7	2048.5	2010.0	1948.4	1877.6	1805.0	1732.7	1656.8	1576.9	1498.2
102.5°	2030.6	2029.9	2022.8	1982.9	1921.2	1851.4	1778.0	1705.2	1631.3	1554.2	1477.2
105°	2012.1	2005.1	1988.5	1949.7	1888.2	1817.5	1740.6	1669.3	1598.4	1523.5	1448.2
107.5°	1971.8	1959.0	1937.0	1903.3	1845.9	1772.8	1701.1	1629.2	1556.5	1484.6	1411.4
110°	1929.3	1909.0	1879.2	1837.7	1781.6	1720.9	1657.0	1585.6	1511.0	1438.5	1363.7



TEST NUMBER: P231919

CATALOG NUMBER: FVS4WM-2-LD4-50-2HI-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
112.5°	1876.9	1849.3	1814.5	1772.1	1722.1	1665.1	1601.7	1534.4	1464.2	1386.9	1305.8
115°	1815.9	1786.5	1749.7	1705.7	1654.8	1599.3	1540.0	1476.4	1404.3	1327.7	1244.3
117.5°	1737.4	1708.6	1672.8	1630.3	1581.7	1528.2	1467.2	1403.3	1332.5	1257.1	1164.4
120°	1649.1	1625.9	1586.6	1544.1	1495.1	1440.2	1380.8	1318.7	1246.8	1163.5	1075.0
122.5°	1539.1	1518.4	1478.9	1437.4	1390.5	1339.8	1281.9	1214.6	1146.0	1061.6	978.8
125°	1386.5	1373.7	1339.9	1303.2	1259.5	1210.5	1156.8	1096.6	1027.2	955.8	884.5
127.5°	1202.2	1196.8	1170.7	1141.6	1105.4	1063.4	1017.1	967.7	909.2	848.5	792.6
130°	1003.9	1005.8	991.0	972.7	947.1	914.8	876.3	838.1	796.4	747.9	698.9
132.5°	839.3	843.0	835.8	825.5	809.4	787.4	759.5	726.8	689.1	644.8	606.3
135°	728.1	729.9	723.8	714.9	700.9	681.4	656.1	629.1	595.1	560.6	524.4
137.5°	645.3	643.1	634.1	623.2	608.7	590.6	568.8	543.4	515.6	484.3	449.4
140°	562.4	559.3	550.5	540.2	526.8	510.1	490.2	467.0	442.0	416.1	388.4
142.5°	489.4	484.9	475.4	464.7	451.7	436.3	418.7	398.9	377.7	357.3	335.7
145°	413.1	409.2	401.2	392.3	381.6	369.2	355.1	339.5	322.5	307.1	291.5
147.5°	344.4	341.5	335.5	328.9	321.0	311.9	301.7	290.4	278.2	266.0	254.6
150°	287.8	285.9	281.6	276.8	271.1	264.4	256.9	248.7	239.9	230.5	223.7
152.5°	237.6	236.8	234.6	232.0	228.8	225.1	220.8	216.1	211.0	205.6	200.5
155°	202.7	202.7	201.6	200.2	198.4	196.3	193.7	190.9	187.8	184.5	181.1
157.5°	173.3	174.0	174.7	173.5	172.9	172.0	170.8	169.4	167.8	166.1	164.2
160°	148.2	149.5	150.8	150.2	150.1	149.8	149.2	148.4	147.4	146.3	145.1
162.5°	119.9	121.8	123.6	124.3	125.2	125.8	126.3	126.5	126.4	126.2	125.7
165°	99.2	101.0	102.8	103.9	105.0	106.0	106.8	107.3	107.7	107.8	107.7
167.5°	85.0	86.4	87.7	88.5	89.3	90.0	90.5	90.9	91.1	91.1	90.9
170°	70.8	71.8	72.8	73.7	73.7	74.1	74.3	74.4	74.4	74.2	73.8
172.5°	54.5	55.2	55.8	56.5	56.5	56.8	57.0	57.1	57.1	57.0	56.8
175°	40.3	40.7	41.1	41.5	41.9	41.1	41.0	40.8	40.5	40.2	39.7
177.5°	16.3	16.5	16.8	17.0	17.2	17.4	17.6	17.1	17.1	17.1	17.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P231919

CATALOG NUMBER: FVS4WM-2-LD4-50-2HI-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	16.9	16.7	16.6	16.4	16.1	15.9	15.6	15.3	14.9	14.5	14.1
5°	39.2	38.5	37.8	37.1	36.2	35.3	34.3	33.2	32.0	30.8	29.5
7.5°	56.5	56.1	55.6	55.0	54.3	53.5	52.6	51.7	50.6	49.0	47.1
10°	73.3	72.7	71.9	71.0	69.9	68.7	67.4	66.1	64.7	63.2	61.5
12.5°	90.5	90.0	89.2	88.3	87.1	85.6	83.9	82.0	80.0	77.7	75.3
15°	107.3	106.8	105.9	104.9	103.6	102.1	100.4	98.4	96.2	93.5	90.6
17.5°	125.0	124.2	123.2	122.1	120.6	118.9	116.8	114.5	111.9	109.1	106.0
20°	143.8	142.5	141.2	139.7	138.0	136.1	133.9	131.2	128.2	124.9	121.3
22.5°	162.3	160.3	158.3	156.3	154.5	152.4	150.1	147.7	145.2	141.3	137.2
25°	178.4	175.8	173.2	170.7	168.3	166.2	164.4	162.6	159.7	156.8	154.2
27.5°	196.1	191.6	187.1	183.2	180.3	177.5	175.4	173.3	171.9	170.2	167.0
30°	216.6	209.4	202.7	197.1	192.1	187.3	184.4	181.9	182.0	183.6	184.9
32.5°	242.8	230.8	221.3	213.0	204.8	198.7	197.1	196.5	197.5	198.3	199.6
35°	275.3	259.4	245.7	232.0	223.4	219.9	215.8	214.7	213.4	213.7	214.4
37.5°	313.0	293.3	274.4	264.0	254.6	245.6	239.7	234.5	231.4	229.7	229.4
40°	360.2	336.0	318.8	304.5	290.7	277.9	267.2	257.8	251.6	247.0	245.1
42.5°	418.5	395.4	372.3	352.3	333.3	315.4	298.4	285.9	274.2	266.8	261.8
45°	493.3	460.8	432.5	404.6	380.0	356.3	336.1	315.8	301.6	288.7	280.2
47.5°	570.4	533.4	497.0	461.8	430.8	401.8	375.7	352.4	330.2	314.1	301.3
50°	648.8	605.4	563.3	523.0	485.3	449.7	417.9	389.6	364.3	341.4	323.6
52.5°	736.3	681.1	629.3	583.3	539.6	499.6	461.7	428.7	400.3	371.6	358.2
55°	819.7	758.2	699.0	642.7	593.5	547.8	505.5	469.0	443.7	422.2	405.9
57.5°	902.3	830.7	765.9	704.3	646.6	595.8	556.6	522.2	492.7	470.0	452.8
60°	982.4	901.5	827.6	761.2	705.0	653.6	608.5	571.5	540.8	516.2	497.5
62.5°	1067.6	967.4	889.6	825.3	766.2	708.1	659.2	618.6	585.7	559.0	539.3
65°	1144.8	1046.6	954.0	885.0	823.2	763.3	706.7	661.0	627.2	600.5	580.5
67.5°	1218.8	1117.6	1021.0	938.9	874.0	814.4	752.7	703.5	666.7	639.3	619.0
70°	1277.8	1178.4	1080.0	986.7	919.1	859.2	798.5	742.6	702.2	674.8	654.9
72.5°	1331.5	1229.7	1125.1	1031.4	956.7	898.3	840.4	779.7	734.8	708.0	688.9
75°	1369.4	1276.7	1163.9	1064.7	986.4	931.6	872.3	807.4	761.7	734.8	718.0
77.5°	1400.4	1315.7	1197.3	1094.7	1012.8	947.8	886.7	826.0	781.4	758.0	744.7
80°	1423.1	1341.0	1233.6	1122.3	1032.8	961.9	898.2	839.0	796.2	778.3	769.6
82.5°	1444.8	1363.0	1260.7	1143.9	1048.1	974.0	906.8	847.1	807.1	796.3	793.0
85°	1459.9	1379.8	1278.8	1159.3	1058.6	983.6	912.4	851.3	815.2	812.8	815.4
87.5°	1468.5	1394.3	1292.0	1171.5	1066.6	992.1	916.5	853.0	821.4	828.1	837.1
90°	1470.4	1394.1	1288.4	1170.6	1066.0	993.0	914.5	851.3	827.3	843.6	858.9
92.5°	1468.5	1394.3	1292.0	1171.5	1066.6	992.1	916.5	853.0	821.4	828.1	837.1
95°	1459.9	1379.8	1278.8	1159.3	1058.6	983.6	912.4	851.3	815.2	812.8	815.4
97.5°	1444.8	1363.0	1260.7	1143.9	1048.1	974.0	906.8	847.1	807.1	796.3	793.0
100°	1423.1	1341.0	1233.6	1122.3	1032.8	961.9	898.2	839.0	796.2	778.3	769.6
102.5°	1400.4	1315.7	1197.3	1094.7	1012.8	947.8	886.7	826.0	781.4	758.0	744.7
105°	1369.4	1276.7	1163.9	1064.7	986.4	931.6	872.3	807.4	761.7	734.8	718.0
107.5°	1331.5	1229.7	1125.1	1031.4	956.7	898.3	840.4	779.7	734.8	708.0	688.9
110°	1277.8	1178.4	1080.0	986.7	919.1	859.2	798.5	742.6	702.2	674.8	654.9



TEST NUMBER: P231919

CATALOG NUMBER: FVS4WM-2-LD4-50-2HI-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°	1218.8	1117.6	1021.0	938.9	874.0	814.4	752.7	703.5	666.7	639.3	619.0
115°	1144.8	1046.6	954.0	885.0	823.2	763.3	706.7	661.0	627.2	600.5	580.5
117.5°	1067.6	967.4	889.6	825.3	766.2	708.1	659.2	618.6	585.7	559.0	539.3
120°	982.4	901.5	827.6	761.2	705.0	653.6	608.5	571.5	540.8	516.2	497.5
122.5°	902.3	830.7	765.9	704.3	646.6	595.8	556.6	522.2	492.7	470.0	452.8
125°	819.7	758.2	699.0	642.7	593.5	547.8	505.5	469.0	443.7	422.2	405.9
127.5°	736.3	681.1	629.3	583.3	539.6	499.6	461.7	428.7	400.3	371.6	358.2
130°	648.8	605.4	563.3	523.0	485.3	449.7	417.9	389.6	364.3	341.4	323.6
132.5°	570.4	533.4	497.0	461.8	430.8	401.8	375.7	352.4	330.2	314.1	301.3
135°	493.3	460.8	432.5	404.6	380.0	356.3	336.1	315.8	301.6	288.7	280.2
137.5°	418.5	395.4	372.3	352.3	333.3	315.4	298.4	285.9	274.2	266.8	261.8
140°	360.2	336.0	318.8	304.5	290.7	277.9	267.2	257.8	251.6	247.0	245.1
142.5°	313.0	293.3	274.4	264.0	254.6	245.6	239.7	234.5	231.4	229.7	229.4
145°	275.3	259.4	245.7	232.0	223.4	219.9	215.8	214.7	213.4	213.7	214.4
147.5°	242.8	230.8	221.3	213.0	204.8	198.7	197.1	196.5	197.5	198.3	199.6
150°	216.6	209.4	202.7	197.1	192.1	187.3	184.4	181.9	182.0	183.6	184.9
152.5°	196.1	191.6	187.1	183.2	180.3	177.5	175.4	173.3	171.9	170.2	167.0
155°	178.4	175.8	173.2	170.7	168.3	166.2	164.4	162.6	159.7	156.8	154.2
157.5°	162.3	160.3	158.3	156.3	154.5	152.4	150.1	147.7	145.2	141.3	137.2
160°	143.8	142.5	141.2	139.7	138.0	136.1	133.9	131.2	128.2	124.9	121.3
162.5°	125.0	124.2	123.2	122.1	120.6	118.9	116.8	114.5	111.9	109.1	106.0
165°	107.3	106.8	105.9	104.9	103.6	102.1	100.4	98.4	96.2	93.5	90.6
167.5°	90.5	90.0	89.2	88.3	87.1	85.6	83.9	82.0	80.0	77.7	75.3
170°	73.3	72.7	71.9	71.0	69.9	68.7	67.4	66.1	64.7	63.2	61.5
172.5°	56.5	56.1	55.6	55.0	54.3	53.5	52.6	51.7	50.6	49.0	47.1
175°	39.2	38.5	37.8	37.1	36.2	35.3	34.3	33.2	32.0	30.8	29.5
177.5°	16.9	16.7	16.6	16.4	16.1	15.9	15.6	15.3	14.9	14.5	14.1
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P231919

CATALOG NUMBER: FVS4WM-2-LD4-50-2HI-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	13.7	13.2	12.8	12.3	11.7	11.2	10.6	10.0	9.4	8.8	8.2
5°	28.2	26.8	25.3	24.3	23.3	22.2	21.1	19.9	18.7	17.5	16.2
7.5°	45.1	43.0	40.8	38.6	36.3	34.0	31.5	29.7	27.9	26.1	24.2
10°	59.7	57.8	55.9	52.8	49.8	46.8	43.6	40.4	37.1	34.5	32.1
12.5°	73.0	70.6	68.0	65.2	62.4	59.0	55.2	51.3	47.3	43.3	39.9
15°	87.5	84.1	81.1	77.3	73.8	70.1	66.2	61.8	57.2	52.5	47.7
17.5°	103.1	98.6	94.4	90.0	85.5	81.1	76.5	71.7	66.6	61.4	56.0
20°	117.4	113.2	108.6	103.5	98.1	92.5	87.1	81.5	75.7	69.9	64.0
22.5°	132.7	127.8	122.6	117.2	111.1	104.6	98.0	91.5	84.8	78.1	71.8
25°	148.4	142.9	137.0	130.8	125.7	120.1	114.1	107.8	101.7	95.2	89.1
27.5°	165.4	162.0	157.4	152.4	147.1	141.3	134.9	128.2	121.4	114.5	107.6
30°	184.0	182.3	179.0	173.7	168.1	162.0	155.4	148.2	141.2	133.6	126.2
32.5°	200.8	200.2	198.3	194.5	188.7	182.3	175.4	168.0	160.1	152.3	144.5
35°	215.4	216.4	215.6	213.7	208.7	202.3	195.1	188.0	179.2	170.8	162.7
37.5°	230.0	230.9	231.8	230.4	228.8	221.6	214.5	206.5	198.0	189.0	180.7
40°	244.7	245.3	246.2	246.6	244.9	240.5	233.5	225.3	216.5	207.3	198.5
42.5°	259.6	259.8	260.5	261.3	260.7	259.1	251.8	243.8	234.8	225.3	216.1
45°	275.8	273.8	274.6	275.4	276.0	274.7	269.8	262.0	252.8	243.1	233.4
47.5°	291.7	289.2	288.5	289.6	290.2	291.8	292.2	285.9	276.6	265.5	253.4
50°	312.0	306.4	314.1	322.6	327.4	328.3	326.7	317.9	305.5	290.6	274.8
52.5°	351.8	354.0	362.2	369.2	371.6	367.5	362.1	351.3	335.7	316.8	297.1
55°	398.1	400.7	409.1	418.2	418.5	409.9	399.4	386.0	367.3	343.9	320.2
57.5°	443.3	443.5	454.8	466.6	466.5	455.3	438.4	421.9	399.7	372.1	343.9
60°	485.4	484.4	498.5	513.0	516.3	503.3	479.2	458.7	432.5	401.0	368.2
62.5°	527.8	526.5	539.2	558.5	567.8	553.8	522.0	496.0	466.1	430.5	392.9
65°	568.3	566.1	577.3	603.3	620.4	603.8	567.4	534.3	500.3	460.7	418.0
67.5°	606.1	603.5	613.2	645.9	666.5	653.7	614.4	573.5	535.0	491.2	443.4
70°	642.0	640.8	652.5	683.8	703.3	688.1	642.1	591.2	547.0	499.7	449.0
72.5°	675.7	672.1	680.1	699.5	712.4	696.3	649.6	595.5	549.7	502.4	451.3
75°	705.6	700.3	706.6	719.5	724.3	705.0	656.4	599.3	551.9	504.5	453.0
77.5°	734.7	728.2	733.2	743.0	738.4	714.1	662.3	602.8	553.6	506.0	454.1
80°	763.0	755.9	760.0	769.2	754.3	723.2	667.3	605.8	554.7	507.1	454.8
82.5°	790.6	783.3	787.0	797.3	771.4	732.0	671.4	608.2	555.3	507.5	456.4
85°	817.8	810.7	814.3	826.6	788.9	742.8	676.7	611.5	556.5	508.5	455.4
87.5°	844.6	838.0	841.7	856.7	806.9	748.5	677.3	611.5	555.1	507.2	454.4
90°	870.9	865.4	869.8	885.1	822.9	754.3	678.0	611.5	553.7	505.8	453.4
92.5°	844.6	838.0	841.7	856.7	806.9	748.5	677.3	611.5	555.1	507.2	454.4
95°	817.8	810.7	814.3	826.6	788.9	742.8	676.7	611.5	556.5	508.5	455.4
97.5°	790.6	783.3	787.0	797.3	771.4	732.0	671.4	608.2	555.3	507.5	456.4
100°	763.0	755.9	760.0	769.2	754.3	723.2	667.3	605.8	554.7	507.1	454.8
102.5°	734.7	728.2	733.2	743.0	738.4	714.1	662.3	602.8	553.6	506.0	454.1
105°	705.6	700.3	706.6	719.5	724.3	705.0	656.4	599.3	551.9	504.5	453.0
107.5°	675.7	672.1	680.1	699.5	712.4	696.3	649.6	595.5	549.7	502.4	451.3
110°	642.0	640.8	652.5	683.8	703.3	688.1	642.1	591.2	547.0	499.7	449.0



TEST NUMBER: P231919

CATALOG NUMBER: FVS4WM-2-LD4-50-2HI-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
112.5°	606.1	603.5	613.2	645.9	666.5	653.7	614.4	573.5	535.0	491.2	443.4
115°	568.3	566.1	577.3	603.3	620.4	603.8	567.4	534.3	500.3	460.7	418.0
117.5°	527.8	526.5	539.2	558.5	567.8	553.8	522.0	496.0	466.1	430.5	392.9
120°	485.4	484.4	498.5	513.0	516.3	503.3	479.2	458.7	432.5	401.0	368.2
122.5°	443.3	443.5	454.8	466.6	466.5	455.3	438.4	421.9	399.7	372.1	343.9
125°	398.1	400.7	409.1	418.2	418.5	409.9	399.4	386.0	367.3	343.9	320.2
127.5°	351.8	354.0	362.2	369.2	371.6	367.5	362.1	351.3	335.7	316.8	297.1
130°	312.0	306.4	314.1	322.6	327.4	328.3	326.7	317.9	305.5	290.6	274.8
132.5°	291.7	289.2	288.5	289.6	290.2	291.8	292.2	285.9	276.6	265.5	253.4
135°	275.8	273.8	274.6	275.4	276.0	274.7	269.8	262.0	252.8	243.1	233.4
137.5°	259.6	259.8	260.5	261.3	260.7	259.1	251.8	243.8	234.8	225.3	216.1
140°	244.7	245.3	246.2	246.6	244.9	240.5	233.5	225.3	216.5	207.3	198.5
142.5°	230.0	230.9	231.8	230.4	228.8	221.6	214.5	206.5	198.0	189.0	180.7
145°	215.4	216.4	215.6	213.7	208.7	202.3	195.1	188.0	179.2	170.8	162.7
147.5°	200.8	200.2	198.3	194.5	188.7	182.3	175.4	168.0	160.1	152.3	144.5
150°	184.0	182.3	179.0	173.7	168.1	162.0	155.4	148.2	141.2	133.6	126.2
152.5°	165.4	162.0	157.4	152.4	147.1	141.3	134.9	128.2	121.4	114.5	107.6
155°	148.4	142.9	137.0	130.8	125.7	120.1	114.1	107.8	101.7	95.2	89.1
157.5°	132.7	127.8	122.6	117.2	111.1	104.6	98.0	91.5	84.8	78.1	71.8
160°	117.4	113.2	108.6	103.5	98.1	92.5	87.1	81.5	75.7	69.9	64.0
162.5°	103.1	98.6	94.4	90.0	85.5	81.1	76.5	71.7	66.6	61.4	56.0
165°	87.5	84.1	81.1	77.3	73.8	70.1	66.2	61.8	57.2	52.5	47.7
167.5°	73.0	70.6	68.0	65.2	62.4	59.0	55.2	51.3	47.3	43.3	39.9
170°	59.7	57.8	55.9	52.8	49.8	46.8	43.6	40.4	37.1	34.5	32.1
172.5°	45.1	43.0	40.8	38.6	36.3	34.0	31.5	29.7	27.9	26.1	24.2
175°	28.2	26.8	25.3	24.3	23.3	22.2	21.1	19.9	18.7	17.5	16.2
177.5°	13.7	13.2	12.8	12.3	11.7	11.2	10.6	10.0	9.4	8.8	8.2
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P231919

CATALOG NUMBER: FVS4WM-2-LD4-50-2HI-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	7.5	6.8	6.1	5.4	5.4	5.4	5.3	5.3	5.2	5.1	5.1
5°	14.9	13.6	12.3	10.9	10.8	10.7	10.5	10.4	10.2	10.0	9.8
7.5°	22.3	20.3	18.4	16.3	16.1	15.9	15.6	15.4	15.0	14.7	14.4
10°	29.6	27.0	24.4	21.8	21.4	21.0	20.6	20.2	19.7	19.2	18.9
12.5°	36.8	33.7	30.5	27.2	26.7	26.1	25.5	24.8	24.2	23.8	23.4
15°	43.9	40.3	36.5	32.7	31.9	31.1	30.2	29.4	28.9	28.4	27.9
17.5°	51.0	46.8	42.5	38.1	37.1	36.0	34.8	34.1	33.6	33.0	32.4
20°	58.1	53.3	48.5	43.6	42.2	40.8	39.4	38.8	38.2	37.5	36.8
22.5°	65.4	59.7	54.4	49.0	47.3	45.6	44.2	43.5	42.8	42.0	41.1
25°	82.8	76.6	70.9	64.9	62.4	59.7	57.7	56.0	54.1	52.1	50.0
27.5°	100.9	93.9	87.5	80.7	77.5	74.0	71.6	69.3	66.8	64.2	61.4
30°	118.8	111.3	104.1	96.6	92.5	88.1	85.3	82.3	79.1	75.8	72.2
32.5°	136.7	128.7	120.7	112.5	107.4	102.3	98.8	95.0	91.0	86.9	82.5
35°	154.5	146.1	137.4	128.3	122.2	116.4	112.0	107.4	102.6	97.5	92.2
37.5°	172.2	163.4	154.0	144.2	137.0	130.4	125.0	119.5	114.1	107.7	101.7
40°	189.8	180.6	170.7	160.1	151.7	144.2	137.9	131.4	124.6	117.4	110.9
42.5°	207.3	197.8	187.3	175.9	166.3	157.9	150.8	143.1	135.1	127.1	119.7
45°	224.6	214.9	204.0	191.8	180.9	171.5	163.1	154.5	145.3	136.3	128.2
47.5°	241.8	229.7	216.8	202.6	189.4	178.4	168.7	159.3	149.9	141.5	133.4
50°	259.5	244.7	229.6	213.4	197.7	184.8	173.3	162.5	152.4	144.2	135.4
52.5°	277.9	259.8	242.5	224.1	205.9	191.0	177.8	165.6	155.0	147.1	137.9
55°	296.8	275.1	255.5	234.9	214.0	197.1	182.1	168.8	157.9	150.2	141.0
57.5°	316.1	290.6	268.5	245.7	222.1	203.0	186.2	172.0	161.1	153.3	144.6
60°	335.9	306.3	281.5	256.5	230.0	208.7	190.2	175.2	164.5	156.7	148.9
62.5°	356.0	322.0	294.7	267.2	237.9	214.4	194.1	178.4	168.0	160.5	153.3
65°	376.4	337.9	307.8	278.0	245.7	220.0	197.9	181.7	171.6	164.6	158.3
67.5°	397.0	353.8	320.9	288.8	253.5	225.6	201.6	185.1	175.4	169.0	163.6
70°	401.9	357.5	322.4	288.2	251.9	224.1	200.3	184.3	175.0	169.1	164.8
72.5°	405.3	360.9	323.7	287.6	250.3	222.5	198.7	183.0	173.6	167.6	163.5
75°	408.3	364.1	326.3	287.0	248.8	221.1	197.3	181.9	172.2	166.0	162.4
77.5°	410.9	367.3	327.1	286.4	247.3	219.7	196.0	180.9	170.7	164.5	161.3
80°	413.2	371.8	328.0	285.8	245.9	218.5	194.9	180.0	169.4	163.1	160.3
82.5°	416.3	374.2	328.8	285.2	244.5	217.4	193.9	179.3	168.1	161.7	159.4
85°	417.4	376.6	329.7	284.6	243.2	216.4	193.1	178.6	166.8	160.4	158.6
87.5°	418.5	379.1	330.5	284.0	242.0	215.5	192.4	178.1	165.7	159.2	157.8
90°	419.6	381.5	331.4	283.4	240.9	214.7	191.8	177.7	164.6	158.0	157.0
92.5°	418.5	379.1	330.5	284.0	242.0	215.5	192.4	178.1	165.7	159.2	157.8
95°	417.4	376.6	329.7	284.6	243.2	216.4	193.1	178.6	166.8	160.4	158.6
97.5°	416.3	374.2	328.8	285.2	244.5	217.4	193.9	179.3	168.1	161.7	159.4
100°	413.2	371.8	328.0	285.8	245.9	218.5	194.9	180.0	169.4	163.1	160.3
102.5°	410.9	367.3	327.1	286.4	247.3	219.7	196.0	180.9	170.7	164.5	161.3
105°	408.3	364.1	326.3	287.0	248.8	221.1	197.3	181.9	172.2	166.0	162.4
107.5°	405.3	360.9	323.7	287.6	250.3	222.5	198.7	183.0	173.6	167.6	163.5
110°	401.9	357.5	322.4	288.2	251.9	224.1	200.3	184.3	175.0	169.1	164.8



TEST NUMBER: P231919

CATALOG NUMBER: FVS4WM-2-LD4-50-2HI-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°	397.0	353.8	320.9	288.8	253.5	225.6	201.6	185.1	175.4	169.0	163.6
115°	376.4	337.9	307.8	278.0	245.7	220.0	197.9	181.7	171.6	164.6	158.3
117.5°	356.0	322.0	294.7	267.2	237.9	214.4	194.1	178.4	168.0	160.5	153.3
120°	335.9	306.3	281.5	256.5	230.0	208.7	190.2	175.2	164.5	156.7	148.9
122.5°	316.1	290.6	268.5	245.7	222.1	203.0	186.2	172.0	161.1	153.3	144.6
125°	296.8	275.1	255.5	234.9	214.0	197.1	182.1	168.8	157.9	150.2	141.0
127.5°	277.9	259.8	242.5	224.1	205.9	191.0	177.8	165.6	155.0	147.1	137.9
130°	259.5	244.7	229.6	213.4	197.7	184.8	173.3	162.5	152.4	144.2	135.4
132.5°	241.8	229.7	216.8	202.6	189.4	178.4	168.7	159.3	149.9	141.5	133.4
135°	224.6	214.9	204.0	191.8	180.9	171.5	163.1	154.5	145.3	136.3	128.2
137.5°	207.3	197.8	187.3	175.9	166.3	157.9	150.8	143.1	135.1	127.1	119.7
140°	189.8	180.6	170.7	160.1	151.7	144.2	137.9	131.4	124.6	117.4	110.9
142.5°	172.2	163.4	154.0	144.2	137.0	130.4	125.0	119.5	114.1	107.7	101.7
145°	154.5	146.1	137.4	128.3	122.2	116.4	112.0	107.4	102.6	97.5	92.2
147.5°	136.7	128.7	120.7	112.5	107.4	102.3	98.8	95.0	91.0	86.9	82.5
150°	118.8	111.3	104.1	96.6	92.5	88.1	85.3	82.3	79.1	75.8	72.2
152.5°	100.9	93.9	87.5	80.7	77.5	74.0	71.6	69.3	66.8	64.2	61.4
155°	82.8	76.6	70.9	64.9	62.4	59.7	57.7	56.0	54.1	52.1	50.0
157.5°	65.4	59.7	54.4	49.0	47.3	45.6	44.2	43.5	42.8	42.0	41.1
160°	58.1	53.3	48.5	43.6	42.2	40.8	39.4	38.8	38.2	37.5	36.8
162.5°	51.0	46.8	42.5	38.1	37.1	36.0	34.8	34.1	33.6	33.0	32.4
165°	43.9	40.3	36.5	32.7	31.9	31.1	30.2	29.4	28.9	28.4	27.9
167.5°	36.8	33.7	30.5	27.2	26.7	26.1	25.5	24.8	24.2	23.8	23.4
170°	29.6	27.0	24.4	21.8	21.4	21.0	20.6	20.2	19.7	19.2	18.9
172.5°	22.3	20.3	18.4	16.3	16.1	15.9	15.6	15.4	15.0	14.7	14.4
175°	14.9	13.6	12.3	10.9	10.8	10.7	10.5	10.4	10.2	10.0	9.8
177.5°	7.5	6.8	6.1	5.4	5.4	5.4	5.3	5.3	5.2	5.1	5.1
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P231919

CATALOG NUMBER: FVS4WM-2-LD4-50-2HI-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	5.0	4.9	4.8	4.6	4.5	4.4	4.2	4.1	3.9	3.8	3.6
5°	9.6	9.4	9.1	8.9	8.6	8.4	8.1	7.8	7.6	7.3	7.0
7.5°	14.0	13.7	13.4	13.1	12.8	12.4	12.0	11.6	11.2	10.7	10.3
10°	18.5	18.1	17.7	17.3	16.8	16.3	15.8	15.3	14.7	14.1	13.5
12.5°	23.0	22.5	22.0	21.4	20.8	20.2	19.5	18.8	18.1	17.4	16.6
15°	27.4	26.8	26.1	25.4	24.7	23.9	23.1	22.3	21.4	20.6	19.6
17.5°	31.7	31.0	30.2	29.4	28.5	27.6	26.7	25.7	24.7	23.6	22.6
20°	36.0	35.1	34.2	33.2	32.2	31.2	30.1	29.0	27.8	26.7	25.4
22.5°	40.2	39.2	38.1	37.0	35.9	34.7	33.5	32.2	30.9	29.6	28.2
25°	47.8	45.4	43.1	40.8	39.5	38.2	36.8	35.4	34.0	32.5	30.9
27.5°	58.5	55.6	52.7	49.9	46.9	43.9	41.1	38.5	36.9	35.3	33.7
30°	68.6	65.2	61.8	58.0	54.3	50.8	47.4	44.3	41.4	38.7	36.0
32.5°	78.3	74.2	69.8	65.2	60.7	56.6	52.7	49.2	45.8	42.4	39.1
35°	87.5	82.6	76.9	71.4	66.3	61.5	57.3	53.2	49.2	45.5	42.3
37.5°	96.3	89.8	83.1	76.8	70.9	65.8	61.0	56.4	52.2	48.4	44.9
40°	104.4	96.3	88.7	81.5	75.2	69.4	64.2	59.2	54.7	50.7	47.1
42.5°	111.4	102.1	93.5	85.7	78.8	72.7	66.9	61.6	56.9	52.8	49.1
45°	117.8	107.5	97.8	89.6	82.2	75.5	69.3	63.7	58.9	54.7	50.8
47.5°	122.6	112.1	101.9	92.8	85.3	78.1	71.2	65.7	60.8	56.3	52.1
50°	125.0	115.0	105.4	96.6	88.5	80.2	73.3	67.5	62.5	57.6	53.0
52.5°	128.1	118.6	109.2	100.7	92.3	84.2	77.3	70.6	63.9	58.6	53.6
55°	131.9	122.7	113.4	105.0	96.6	89.3	82.8	76.3	68.9	61.5	54.3
57.5°	136.2	127.2	118.1	109.5	101.1	95.0	88.8	81.7	73.8	65.7	58.0
60°	141.1	131.9	123.0	114.4	106.9	101.2	95.3	87.1	78.3	69.7	61.5
62.5°	146.2	137.0	128.1	119.6	113.3	107.9	101.3	92.3	82.5	73.4	64.8
65°	151.5	142.4	133.5	125.0	120.1	115.0	107.1	97.0	86.7	77.0	67.6
67.5°	156.9	148.0	139.1	131.3	127.3	122.4	112.8	101.7	90.9	80.4	70.6
70°	159.0	151.3	143.6	137.9	134.7	129.2	118.6	106.3	95.0	83.5	73.4
72.5°	157.9	150.9	143.7	138.7	135.7	130.3	120.7	109.6	98.9	86.6	76.3
75°	157.2	150.8	144.1	139.5	135.8	129.5	120.0	109.4	98.2	87.2	77.8
77.5°	156.7	151.0	144.7	140.2	135.9	129.1	119.9	109.5	98.0	87.4	78.3
80°	156.5	151.4	145.5	140.8	136.1	129.0	120.4	109.9	98.2	88.0	79.2
82.5°	156.4	152.0	146.5	141.5	136.2	129.4	121.3	110.8	98.9	89.1	80.6
85°	156.5	152.8	147.7	142.2	136.5	130.0	122.7	112.0	100.0	90.6	82.4
87.5°	156.7	153.8	149.0	143.0	136.8	130.8	124.4	113.6	101.5	92.5	84.6
90°	157.0	154.8	150.4	143.9	137.3	131.9	126.4	115.5	103.5	94.8	87.2
92.5°	156.7	153.8	149.0	143.0	136.8	130.8	124.4	113.6	101.5	92.5	84.6
95°	156.5	152.8	147.7	142.2	136.5	130.0	122.7	112.0	100.0	90.6	82.4
97.5°	156.4	152.0	146.5	141.5	136.2	129.4	121.3	110.8	98.9	89.1	80.6
100°	156.5	151.4	145.5	140.8	136.1	129.0	120.4	109.9	98.2	88.0	79.2
102.5°	156.7	151.0	144.7	140.2	135.9	129.1	119.9	109.5	98.0	87.4	78.3
105°	157.2	150.8	144.1	139.5	135.8	129.5	120.0	109.4	98.2	87.2	77.8
107.5°	157.9	150.9	143.7	138.7	135.7	130.3	120.7	109.6	98.9	86.6	76.3
110°	159.0	151.3	143.6	137.9	134.7	129.2	118.6	106.3	95.0	83.5	73.4



TEST NUMBER: P231919

CATALOG NUMBER: FVS4WM-2-LD4-50-2HI-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
112.5°	156.9	148.0	139.1	131.3	127.3	122.4	112.8	101.7	90.9	80.4	70.6
115°	151.5	142.4	133.5	125.0	120.1	115.0	107.1	97.0	86.7	77.0	67.6
117.5°	146.2	137.0	128.1	119.6	113.3	107.9	101.3	92.3	82.5	73.4	64.8
120°	141.1	131.9	123.0	114.4	106.9	101.2	95.3	87.1	78.3	69.7	61.5
122.5°	136.2	127.2	118.1	109.5	101.1	95.0	88.8	81.7	73.8	65.7	58.0
125°	131.9	122.7	113.4	105.0	96.6	89.3	82.8	76.3	68.9	61.5	54.3
127.5°	128.1	118.6	109.2	100.7	92.3	84.2	77.3	70.6	63.9	58.6	53.6
130°	125.0	115.0	105.4	96.6	88.5	80.2	73.3	67.5	62.5	57.6	53.0
132.5°	122.6	112.1	101.9	92.8	85.3	78.1	71.2	65.7	60.8	56.3	52.1
135°	117.8	107.5	97.8	89.6	82.2	75.5	69.3	63.7	58.9	54.7	50.8
137.5°	111.4	102.1	93.5	85.7	78.8	72.7	66.9	61.6	56.9	52.8	49.1
140°	104.4	96.3	88.7	81.5	75.2	69.4	64.2	59.2	54.7	50.7	47.1
142.5°	96.3	89.8	83.1	76.8	70.9	65.8	61.0	56.4	52.2	48.4	44.9
145°	87.5	82.6	76.9	71.4	66.3	61.5	57.3	53.2	49.2	45.5	42.3
147.5°	78.3	74.2	69.8	65.2	60.7	56.6	52.7	49.2	45.8	42.4	39.1
150°	68.6	65.2	61.8	58.0	54.3	50.8	47.4	44.3	41.4	38.7	36.0
152.5°	58.5	55.6	52.7	49.9	46.9	43.9	41.1	38.5	36.9	35.3	33.7
155°	47.8	45.4	43.1	40.8	39.5	38.2	36.8	35.4	34.0	32.5	30.9
157.5°	40.2	39.2	38.1	37.0	35.9	34.7	33.5	32.2	30.9	29.6	28.2
160°	36.0	35.1	34.2	33.2	32.2	31.2	30.1	29.0	27.8	26.7	25.4
162.5°	31.7	31.0	30.2	29.4	28.5	27.6	26.7	25.7	24.7	23.6	22.6
165°	27.4	26.8	26.1	25.4	24.7	23.9	23.1	22.3	21.4	20.6	19.6
167.5°	23.0	22.5	22.0	21.4	20.8	20.2	19.5	18.8	18.1	17.4	16.6
170°	18.5	18.1	17.7	17.3	16.8	16.3	15.8	15.3	14.7	14.1	13.5
172.5°	14.0	13.7	13.4	13.1	12.8	12.4	12.0	11.6	11.2	10.7	10.3
175°	9.6	9.4	9.1	8.9	8.6	8.4	8.1	7.8	7.6	7.3	7.0
177.5°	5.0	4.9	4.8	4.6	4.5	4.4	4.2	4.1	3.9	3.8	3.6
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P231919

CATALOG NUMBER: FVS4WM-2-LD4-50-2HI-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	3.4	3.3	3.1	2.9	2.7	2.5	2.3	2.1	1.9	1.7	1.5
5°	6.6	6.3	6.0	5.6	5.3	4.9	4.5	4.1	3.7	3.3	2.9
7.5°	9.8	9.3	8.8	8.3	7.7	7.2	6.6	6.1	5.5	4.9	4.3
10°	12.9	12.2	11.5	10.8	10.1	9.4	8.7	7.9	7.2	6.4	5.6
12.5°	15.8	15.0	14.2	13.3	12.4	11.5	10.6	9.7	8.8	7.8	6.9
15°	18.7	17.7	16.7	15.7	14.7	13.6	12.5	11.4	10.3	9.2	8.1
17.5°	21.5	20.3	19.2	18.0	16.8	15.6	14.4	13.1	11.8	10.6	9.3
20°	24.2	22.9	21.6	20.3	18.9	17.5	16.1	14.7	13.3	11.9	10.4
22.5°	26.8	25.4	23.9	22.4	20.9	19.4	17.9	16.3	14.6	13.0	11.3
25°	29.4	27.8	26.2	24.5	22.7	20.9	19.1	17.3	15.6	13.9	12.2
27.5°	32.0	30.0	28.0	26.0	24.1	22.3	20.5	18.7	16.9	15.0	13.2
30°	33.8	31.6	29.7	27.8	25.9	24.0	22.0	20.1	18.1	16.1	14.1
32.5°	36.2	33.8	31.7	29.7	27.7	25.6	23.5	21.4	19.3	17.2	15.1
35°	39.3	36.5	33.9	31.6	29.4	27.2	25.0	22.7	20.5	18.2	16.0
37.5°	41.8	38.8	36.1	33.5	31.1	28.7	26.4	24.0	21.6	19.2	16.9
40°	43.9	40.8	37.9	35.2	32.6	30.2	27.8	25.3	22.8	20.2	17.7
42.5°	45.7	42.4	39.3	36.4	33.7	31.3	29.0	26.5	23.9	21.2	18.6
45°	47.0	43.5	40.2	37.2	34.4	31.9	29.6	27.6	24.7	21.7	18.7
47.5°	48.0	44.3	40.7	37.5	34.7	32.2	29.6	27.2	24.8	21.7	18.7
50°	48.7	44.6	40.8	37.7	34.8	31.8	29.1	26.6	24.2	22.1	19.3
52.5°	48.9	44.5	40.9	37.5	34.2	31.3	28.6	26.4	24.3	22.0	19.3
55°	48.8	44.6	40.7	37.0	33.9	31.0	28.7	26.4	23.7	21.2	18.8
57.5°	51.0	44.8	40.3	36.8	33.8	31.3	28.6	25.7	23.3	20.8	18.5
60°	54.1	47.4	41.6	36.8	34.2	31.2	28.1	25.9	23.4	21.0	18.4
62.5°	56.9	49.9	44.1	39.2	34.7	30.9	28.8	26.3	23.7	20.8	17.9
65°	59.5	52.5	46.4	41.0	35.9	32.6	29.5	26.6	23.7	20.5	17.2
67.5°	62.1	54.8	48.2	42.4	37.7	33.9	30.3	27.0	23.6	20.0	16.5
70°	64.7	56.8	49.8	43.9	39.1	34.7	30.8	26.9	23.0	19.5	15.7
72.5°	67.2	58.5	51.5	45.3	40.0	35.3	30.8	26.0	22.1	18.5	15.0
75°	69.0	60.3	53.2	46.5	40.9	35.7	30.2	25.2	20.9	17.0	13.0
77.5°	69.5	61.2	54.1	47.4	41.6	35.8	29.4	24.4	19.6	15.0	11.0
80°	70.4	62.3	54.9	47.9	41.7	35.4	29.1	23.5	18.2	13.3	8.8
82.5°	71.8	63.7	55.9	48.6	42.0	35.1	28.8	22.8	17.0	11.6	7.0
85°	73.6	65.4	57.2	49.4	42.5	35.3	28.9	22.4	16.0	10.1	5.6
87.5°	75.8	67.4	58.9	50.7	43.4	35.9	29.5	22.4	15.3	9.1	4.7
90°	78.5	69.8	61.0	52.3	44.7	37.1	30.5	22.9	15.3	8.7	4.4
92.5°	75.8	67.4	58.9	50.7	43.4	35.9	29.5	22.4	15.3	9.1	4.7
95°	73.6	65.4	57.2	49.4	42.5	35.3	28.9	22.4	16.0	10.1	5.6
97.5°	71.8	63.7	55.9	48.6	42.0	35.1	28.8	22.8	17.0	11.6	7.0
100°	70.4	62.3	54.9	47.9	41.7	35.4	29.1	23.5	18.2	13.3	8.8
102.5°	69.5	61.2	54.1	47.4	41.6	35.8	29.4	24.4	19.6	15.0	11.0
105°	69.0	60.3	53.2	46.5	40.9	35.7	30.2	25.2	20.9	17.0	13.0
107.5°	67.2	58.5	51.5	45.3	40.0	35.3	30.8	26.0	22.1	18.5	15.0
110°	64.7	56.8	49.8	43.9	39.1	34.7	30.8	26.9	23.0	19.5	15.7



TEST NUMBER: P231919

CATALOG NUMBER: FVS4WM-2-LD4-50-2HI-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°	62.1	54.8	48.2	42.4	37.7	33.9	30.3	27.0	23.6	20.0	16.5
115°	59.5	52.5	46.4	41.0	35.9	32.6	29.5	26.6	23.7	20.5	17.2
117.5°	56.9	49.9	44.1	39.2	34.7	30.9	28.8	26.3	23.7	20.8	17.9
120°	54.1	47.4	41.6	36.8	34.2	31.2	28.1	25.9	23.4	21.0	18.4
122.5°	51.0	44.8	40.3	36.8	33.8	31.3	28.6	25.7	23.3	20.8	18.5
125°	48.8	44.6	40.7	37.0	33.9	31.0	28.7	26.4	23.7	21.2	18.8
127.5°	48.9	44.5	40.9	37.5	34.2	31.3	28.6	26.4	24.3	22.0	19.3
130°	48.7	44.6	40.8	37.7	34.8	31.8	29.1	26.6	24.2	22.1	19.3
132.5°	48.0	44.3	40.7	37.5	34.7	32.2	29.6	27.2	24.8	21.7	18.7
135°	47.0	43.5	40.2	37.2	34.4	31.9	29.6	27.6	24.7	21.7	18.7
137.5°	45.7	42.4	39.3	36.4	33.7	31.3	29.0	26.5	23.9	21.2	18.6
140°	43.9	40.8	37.9	35.2	32.6	30.2	27.8	25.3	22.8	20.2	17.7
142.5°	41.8	38.8	36.1	33.5	31.1	28.7	26.4	24.0	21.6	19.2	16.9
145°	39.3	36.5	33.9	31.6	29.4	27.2	25.0	22.7	20.5	18.2	16.0
147.5°	36.2	33.8	31.7	29.7	27.7	25.6	23.5	21.4	19.3	17.2	15.1
150°	33.8	31.6	29.7	27.8	25.9	24.0	22.0	20.1	18.1	16.1	14.1
152.5°	32.0	30.0	28.0	26.0	24.1	22.3	20.5	18.7	16.9	15.0	13.2
155°	29.4	27.8	26.2	24.5	22.7	20.9	19.1	17.3	15.6	13.9	12.2
157.5°	26.8	25.4	23.9	22.4	20.9	19.4	17.9	16.3	14.6	13.0	11.3
160°	24.2	22.9	21.6	20.3	18.9	17.5	16.1	14.7	13.3	11.9	10.4
162.5°	21.5	20.3	19.2	18.0	16.8	15.6	14.4	13.1	11.8	10.6	9.3
165°	18.7	17.7	16.7	15.7	14.7	13.6	12.5	11.4	10.3	9.2	8.1
167.5°	15.8	15.0	14.2	13.3	12.4	11.5	10.6	9.7	8.8	7.8	6.9
170°	12.9	12.2	11.5	10.8	10.1	9.4	8.7	7.9	7.2	6.4	5.6
172.5°	9.8	9.3	8.8	8.3	7.7	7.2	6.6	6.1	5.5	4.9	4.3
175°	6.6	6.3	6.0	5.6	5.3	4.9	4.5	4.1	3.7	3.3	2.9
177.5°	3.4	3.3	3.1	2.9	2.7	2.5	2.3	2.1	1.9	1.7	1.5
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P231919

CATALOG NUMBER: FVS4WM-2-LD4-50-2HI-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	1.3	1.1	0.9	0.6	0.4	0.2	0.0	0.2	0.4	0.6	0.9
5°	2.5	2.1	1.7	1.3	0.8	0.4	0.0	0.4	0.8	1.3	1.7
7.5°	3.7	3.1	2.5	1.9	1.2	0.6	0.0	0.6	1.2	1.9	2.5
10°	4.8	4.0	3.2	2.4	1.6	0.8	0.0	0.8	1.6	2.4	3.2
12.5°	5.9	4.9	4.0	3.0	2.0	1.0	0.0	1.0	2.0	3.0	4.0
15°	7.0	5.8	4.7	3.5	2.3	1.2	0.0	1.2	2.3	3.5	4.7
17.5°	8.0	6.6	5.3	4.0	2.7	1.3	0.0	1.3	2.7	4.0	5.3
20°	8.9	7.5	6.0	4.5	3.0	1.5	0.0	1.5	3.0	4.5	6.0
22.5°	9.7	8.1	6.4	4.8	3.2	1.6	0.0	1.6	3.2	4.8	6.4
25°	10.5	8.7	7.0	5.2	3.5	1.8	0.0	1.8	3.5	5.2	7.0
27.5°	11.3	9.4	7.6	5.7	3.8	1.9	0.0	1.9	3.8	5.7	7.6
30°	12.1	10.1	8.1	6.1	4.1	2.0	0.0	2.0	4.1	6.1	8.1
32.5°	12.9	10.8	8.6	6.5	4.3	2.2	0.0	2.2	4.3	6.5	8.6
35°	13.7	11.4	9.1	6.9	4.6	2.3	0.0	2.3	4.6	6.9	9.1
37.5°	14.5	12.1	9.6	7.2	4.8	2.4	0.0	2.4	4.8	7.2	9.6
40°	15.2	12.7	10.1	7.6	5.1	2.5	0.0	2.5	5.1	7.6	10.1
42.5°	15.8	13.0	10.4	7.7	5.1	2.6	0.0	2.6	5.1	7.7	10.4
45°	15.9	13.1	10.4	7.7	5.1	2.5	0.0	2.5	5.1	7.7	10.4
47.5°	15.9	13.3	10.6	7.9	5.3	2.6	0.0	2.6	5.3	7.9	10.6
50°	16.5	13.5	10.7	7.9	5.2	2.6	0.0	2.6	5.2	7.9	10.7
52.5°	16.2	13.3	10.4	7.7	5.1	2.5	0.0	2.5	5.1	7.7	10.4
55°	15.8	13.1	10.4	7.8	5.2	2.6	0.0	2.6	5.2	7.8	10.4
57.5°	16.2	13.3	10.6	8.0	5.6	3.4	1.1	3.4	5.6	8.0	10.6
60°	15.7	12.9	10.2	7.7	5.4	3.2	1.1	3.2	5.4	7.7	10.2
62.5°	14.9	12.0	9.4	7.1	4.9	3.0	1.1	3.0	4.9	7.1	9.4
65°	14.1	11.1	8.2	5.8	3.9	2.4	1.1	2.4	3.9	5.8	8.2
67.5°	13.0	9.5	6.2	4.4	3.1	2.0	1.1	2.0	3.1	4.4	6.2
70°	11.9	8.3	5.2	3.1	2.1	1.5	1.1	1.5	2.1	3.1	5.2
72.5°	10.7	7.2	4.1	1.8	1.3	1.1	1.1	1.1	1.3	1.8	4.1
75°	9.8	6.3	3.5	1.6	1.1	1.1	1.1	1.1	1.1	1.6	3.5
77.5°	7.9	5.4	2.7	1.2	0.4	0.1	0.0	0.1	0.4	1.2	2.7
80°	5.6	3.0	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4
82.5°	3.3	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	3.3	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	5.6	3.0	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4
102.5°	7.9	5.4	2.7	1.2	0.4	0.1	0.0	0.1	0.4	1.2	2.7
105°	9.8	6.3	3.5	1.6	1.1	1.1	1.1	1.1	1.1	1.6	3.5
107.5°	10.7	7.2	4.1	1.8	1.3	1.1	1.1	1.1	1.3	1.8	4.1
110°	11.9	8.3	5.2	3.1	2.1	1.5	1.1	1.5	2.1	3.1	5.2



TEST NUMBER: P231919

CATALOG NUMBER: FVS4WM-2-LD4-50-2HI-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
112.5°	13.0	9.5	6.2	4.4	3.1	2.0	1.1	2.0	3.1	4.4	6.2
115°	14.1	11.1	8.2	5.8	3.9	2.4	1.1	2.4	3.9	5.8	8.2
117.5°	14.9	12.0	9.4	7.1	4.9	3.0	1.1	3.0	4.9	7.1	9.4
120°	15.7	12.9	10.2	7.7	5.4	3.2	1.1	3.2	5.4	7.7	10.2
122.5°	16.2	13.3	10.6	8.0	5.6	3.4	1.1	3.4	5.6	8.0	10.6
125°	15.8	13.1	10.4	7.8	5.2	2.6	0.0	2.6	5.2	7.8	10.4
127.5°	16.2	13.3	10.4	7.7	5.1	2.5	0.0	2.5	5.1	7.7	10.4
130°	16.5	13.5	10.7	7.9	5.2	2.6	0.0	2.6	5.2	7.9	10.7
132.5°	15.9	13.3	10.6	7.9	5.3	2.6	0.0	2.6	5.3	7.9	10.6
135°	15.9	13.1	10.4	7.7	5.1	2.5	0.0	2.5	5.1	7.7	10.4
137.5°	15.8	13.0	10.4	7.7	5.1	2.6	0.0	2.6	5.1	7.7	10.4
140°	15.2	12.7	10.1	7.6	5.1	2.5	0.0	2.5	5.1	7.6	10.1
142.5°	14.5	12.1	9.6	7.2	4.8	2.4	0.0	2.4	4.8	7.2	9.6
145°	13.7	11.4	9.1	6.9	4.6	2.3	0.0	2.3	4.6	6.9	9.1
147.5°	12.9	10.8	8.6	6.5	4.3	2.2	0.0	2.2	4.3	6.5	8.6
150°	12.1	10.1	8.1	6.1	4.1	2.0	0.0	2.0	4.1	6.1	8.1
152.5°	11.3	9.4	7.6	5.7	3.8	1.9	0.0	1.9	3.8	5.7	7.6
155°	10.5	8.7	7.0	5.2	3.5	1.8	0.0	1.8	3.5	5.2	7.0
157.5°	9.7	8.1	6.4	4.8	3.2	1.6	0.0	1.6	3.2	4.8	6.4
160°	8.9	7.5	6.0	4.5	3.0	1.5	0.0	1.5	3.0	4.5	6.0
162.5°	8.0	6.6	5.3	4.0	2.7	1.3	0.0	1.3	2.7	4.0	5.3
165°	7.0	5.8	4.7	3.5	2.3	1.2	0.0	1.2	2.3	3.5	4.7
167.5°	5.9	4.9	4.0	3.0	2.0	1.0	0.0	1.0	2.0	3.0	4.0
170°	4.8	4.0	3.2	2.4	1.6	0.8	0.0	0.8	1.6	2.4	3.2
172.5°	3.7	3.1	2.5	1.9	1.2	0.6	0.0	0.6	1.2	1.9	2.5
175°	2.5	2.1	1.7	1.3	0.8	0.4	0.0	0.4	0.8	1.3	1.7
177.5°	1.3	1.1	0.9	0.6	0.4	0.2	0.0	0.2	0.4	0.6	0.9
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P231919

CATALOG NUMBER: FVS4WM-2-LD4-50-2HI-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	1.1	1.3	1.5	1.7	1.9	2.1	2.3	2.5	2.7	2.9	3.1
5°	2.1	2.5	2.9	3.3	3.7	4.1	4.5	4.9	5.3	5.6	6.0
7.5°	3.1	3.7	4.3	4.9	5.5	6.1	6.6	7.2	7.7	8.3	8.8
10°	4.0	4.8	5.6	6.4	7.2	7.9	8.7	9.4	10.1	10.8	11.5
12.5°	4.9	5.9	6.9	7.8	8.8	9.7	10.6	11.5	12.4	13.3	14.2
15°	5.8	7.0	8.1	9.2	10.3	11.4	12.5	13.6	14.7	15.7	16.7
17.5°	6.6	8.0	9.3	10.6	11.8	13.1	14.4	15.6	16.8	18.0	19.2
20°	7.5	8.9	10.4	11.9	13.3	14.7	16.1	17.5	18.9	20.3	21.6
22.5°	8.1	9.7	11.3	13.0	14.6	16.3	17.9	19.4	20.9	22.4	23.9
25°	8.7	10.5	12.2	13.9	15.6	17.3	19.1	20.9	22.7	24.5	26.2
27.5°	9.4	11.3	13.2	15.0	16.9	18.7	20.5	22.3	24.1	26.0	28.0
30°	10.1	12.1	14.1	16.1	18.1	20.1	22.0	24.0	25.9	27.8	29.7
32.5°	10.8	12.9	15.1	17.2	19.3	21.4	23.5	25.6	27.7	29.7	31.7
35°	11.4	13.7	16.0	18.2	20.5	22.7	25.0	27.2	29.4	31.6	33.9
37.5°	12.1	14.5	16.9	19.2	21.6	24.0	26.4	28.7	31.1	33.5	36.1
40°	12.7	15.2	17.7	20.2	22.8	25.3	27.8	30.2	32.6	35.2	37.9
42.5°	13.0	15.8	18.6	21.2	23.9	26.5	29.0	31.3	33.7	36.4	39.3
45°	13.1	15.9	18.7	21.7	24.7	27.6	29.6	31.9	34.4	37.2	40.2
47.5°	13.3	15.9	18.7	21.7	24.8	27.2	29.6	32.2	34.7	37.5	40.7
50°	13.5	16.5	19.3	22.1	24.2	26.6	29.1	31.8	34.8	37.7	40.8
52.5°	13.3	16.2	19.3	22.0	24.3	26.4	28.6	31.3	34.2	37.5	40.9
55°	13.1	15.8	18.8	21.2	23.7	26.4	28.7	31.0	33.9	37.0	40.7
57.5°	13.3	16.2	18.5	20.8	23.3	25.7	28.6	31.3	33.8	36.8	40.3
60°	12.9	15.7	18.4	21.0	23.4	25.9	28.1	31.2	34.2	36.8	41.6
62.5°	12.0	14.9	17.9	20.8	23.7	26.3	28.8	30.9	34.7	39.2	44.1
65°	11.1	14.1	17.2	20.5	23.7	26.6	29.5	32.6	35.9	41.0	46.4
67.5°	9.5	13.0	16.5	20.0	23.6	27.0	30.3	33.9	37.7	42.4	48.2
70°	8.3	11.9	15.7	19.5	23.0	26.9	30.8	34.7	39.1	43.9	49.8
72.5°	7.2	10.7	15.0	18.5	22.1	26.0	30.8	35.3	40.0	45.3	51.5
75°	6.3	9.8	13.0	17.0	20.9	25.2	30.2	35.7	40.9	46.5	53.2
77.5°	5.4	7.9	11.0	15.0	19.6	24.4	29.4	35.8	41.6	47.4	54.1
80°	3.0	5.6	8.8	13.3	18.2	23.5	29.1	35.4	41.7	47.9	54.9
82.5°	0.7	3.3	7.0	11.6	17.0	22.8	28.8	35.1	42.0	48.6	55.9
85°	0.0	1.4	5.6	10.1	16.0	22.4	28.9	35.3	42.5	49.4	57.2
87.5°	0.0	0.4	4.7	9.1	15.3	22.4	29.5	35.9	43.4	50.7	58.9
90°	0.0	0.0	4.4	8.7	15.3	22.9	30.5	37.1	44.7	52.3	61.0
92.5°	0.0	0.4	4.7	9.1	15.3	22.4	29.5	35.9	43.4	50.7	58.9
95°	0.0	1.4	5.6	10.1	16.0	22.4	28.9	35.3	42.5	49.4	57.2
97.5°	0.7	3.3	7.0	11.6	17.0	22.8	28.8	35.1	42.0	48.6	55.9
100°	3.0	5.6	8.8	13.3	18.2	23.5	29.1	35.4	41.7	47.9	54.9
102.5°	5.4	7.9	11.0	15.0	19.6	24.4	29.4	35.8	41.6	47.4	54.1
105°	6.3	9.8	13.0	17.0	20.9	25.2	30.2	35.7	40.9	46.5	53.2
107.5°	7.2	10.7	15.0	18.5	22.1	26.0	30.8	35.3	40.0	45.3	51.5
110°	8.3	11.9	15.7	19.5	23.0	26.9	30.8	34.7	39.1	43.9	49.8



TEST NUMBER: P231919

CATALOG NUMBER: FVS4WM-2-LD4-50-2HI-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°	9.5	13.0	16.5	20.0	23.6	27.0	30.3	33.9	37.7	42.4	48.2
115°	11.1	14.1	17.2	20.5	23.7	26.6	29.5	32.6	35.9	41.0	46.4
117.5°	12.0	14.9	17.9	20.8	23.7	26.3	28.8	30.9	34.7	39.2	44.1
120°	12.9	15.7	18.4	21.0	23.4	25.9	28.1	31.2	34.2	36.8	41.6
122.5°	13.3	16.2	18.5	20.8	23.3	25.7	28.6	31.3	33.8	36.8	40.3
125°	13.1	15.8	18.8	21.2	23.7	26.4	28.7	31.0	33.9	37.0	40.7
127.5°	13.3	16.2	19.3	22.0	24.3	26.4	28.6	31.3	34.2	37.5	40.9
130°	13.5	16.5	19.3	22.1	24.2	26.6	29.1	31.8	34.8	37.7	40.8
132.5°	13.3	15.9	18.7	21.7	24.8	27.2	29.6	32.2	34.7	37.5	40.7
135°	13.1	15.9	18.7	21.7	24.7	27.6	29.6	31.9	34.4	37.2	40.2
137.5°	13.0	15.8	18.6	21.2	23.9	26.5	29.0	31.3	33.7	36.4	39.3
140°	12.7	15.2	17.7	20.2	22.8	25.3	27.8	30.2	32.6	35.2	37.9
142.5°	12.1	14.5	16.9	19.2	21.6	24.0	26.4	28.7	31.1	33.5	36.1
145°	11.4	13.7	16.0	18.2	20.5	22.7	25.0	27.2	29.4	31.6	33.9
147.5°	10.8	12.9	15.1	17.2	19.3	21.4	23.5	25.6	27.7	29.7	31.7
150°	10.1	12.1	14.1	16.1	18.1	20.1	22.0	24.0	25.9	27.8	29.7
152.5°	9.4	11.3	13.2	15.0	16.9	18.7	20.5	22.3	24.1	26.0	28.0
155°	8.7	10.5	12.2	13.9	15.6	17.3	19.1	20.9	22.7	24.5	26.2
157.5°	8.1	9.7	11.3	13.0	14.6	16.3	17.9	19.4	20.9	22.4	23.9
160°	7.5	8.9	10.4	11.9	13.3	14.7	16.1	17.5	18.9	20.3	21.6
162.5°	6.6	8.0	9.3	10.6	11.8	13.1	14.4	15.6	16.8	18.0	19.2
165°	5.8	7.0	8.1	9.2	10.3	11.4	12.5	13.6	14.7	15.7	16.7
167.5°	4.9	5.9	6.9	7.8	8.8	9.7	10.6	11.5	12.4	13.3	14.2
170°	4.0	4.8	5.6	6.4	7.2	7.9	8.7	9.4	10.1	10.8	11.5
172.5°	3.1	3.7	4.3	4.9	5.5	6.1	6.6	7.2	7.7	8.3	8.8
175°	2.1	2.5	2.9	3.3	3.7	4.1	4.5	4.9	5.3	5.6	6.0
177.5°	1.1	1.3	1.5	1.7	1.9	2.1	2.3	2.5	2.7	2.9	3.1
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P231919

CATALOG NUMBER: FVS4WM-2-LD4-50-2HI-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	3.3	3.4	3.6	3.8	3.9	4.1	4.2	4.4	4.5	4.6	4.8
5°	6.3	6.6	7.0	7.3	7.6	7.8	8.1	8.4	8.6	8.9	9.1
7.5°	9.3	9.8	10.3	10.7	11.2	11.6	12.0	12.4	12.8	13.1	13.4
10°	12.2	12.9	13.5	14.1	14.7	15.3	15.8	16.3	16.8	17.3	17.7
12.5°	15.0	15.8	16.6	17.4	18.1	18.8	19.5	20.2	20.8	21.4	22.0
15°	17.7	18.7	19.6	20.6	21.4	22.3	23.1	23.9	24.7	25.4	26.1
17.5°	20.3	21.5	22.6	23.6	24.7	25.7	26.7	27.6	28.5	29.4	30.2
20°	22.9	24.2	25.4	26.7	27.8	29.0	30.1	31.2	32.2	33.2	34.2
22.5°	25.4	26.8	28.2	29.6	30.9	32.2	33.5	34.7	35.9	37.0	38.1
25°	27.8	29.4	30.9	32.5	34.0	35.4	36.8	38.2	39.5	40.8	43.1
27.5°	30.0	32.0	33.7	35.3	36.9	38.5	41.1	43.9	46.9	49.9	52.7
30°	31.6	33.8	36.0	38.7	41.4	44.3	47.4	50.8	54.3	58.0	61.8
32.5°	33.8	36.2	39.1	42.4	45.8	49.2	52.7	56.6	60.7	65.2	69.8
35°	36.5	39.3	42.3	45.5	49.2	53.2	57.3	61.5	66.3	71.4	76.9
37.5°	38.8	41.8	44.9	48.4	52.2	56.4	61.0	65.8	70.9	76.8	83.1
40°	40.8	43.9	47.1	50.7	54.7	59.2	64.2	69.4	75.2	81.5	88.7
42.5°	42.4	45.7	49.1	52.8	56.9	61.6	66.9	72.7	78.8	85.7	93.5
45°	43.5	47.0	50.8	54.7	58.9	63.7	69.3	75.5	82.2	89.6	97.8
47.5°	44.3	48.0	52.1	56.3	60.8	65.7	71.2	78.1	85.3	92.8	101.9
50°	44.6	48.7	53.0	57.6	62.5	67.5	73.3	80.2	88.5	96.6	105.4
52.5°	44.5	48.9	53.6	58.6	63.9	70.6	77.3	84.2	92.3	100.7	109.2
55°	44.6	48.8	54.3	61.5	68.9	76.3	82.8	89.3	96.6	105.0	113.4
57.5°	44.8	51.0	58.0	65.7	73.8	81.7	88.8	95.0	101.1	109.5	118.1
60°	47.4	54.1	61.5	69.7	78.3	87.1	95.3	101.2	106.9	114.4	123.0
62.5°	49.9	56.9	64.8	73.4	82.5	92.3	101.3	107.9	113.3	119.6	128.1
65°	52.5	59.5	67.6	77.0	86.7	97.0	107.1	115.0	120.1	125.0	133.5
67.5°	54.8	62.1	70.6	80.4	90.9	101.7	112.8	122.4	127.3	131.3	139.1
70°	56.8	64.7	73.4	83.5	95.0	106.3	118.6	129.2	134.7	137.9	143.6
72.5°	58.5	67.2	76.3	86.6	98.9	109.6	120.7	130.3	135.7	138.7	143.7
75°	60.3	69.0	77.8	87.2	98.2	109.4	120.0	129.5	135.8	139.5	144.1
77.5°	61.2	69.5	78.3	87.4	98.0	109.5	119.9	129.1	135.9	140.2	144.7
80°	62.3	70.4	79.2	88.0	98.2	109.9	120.4	129.0	136.1	140.8	145.5
82.5°	63.7	71.8	80.6	89.1	98.9	110.8	121.3	129.4	136.2	141.5	146.5
85°	65.4	73.6	82.4	90.6	100.0	112.0	122.7	130.0	136.5	142.2	147.7
87.5°	67.4	75.8	84.6	92.5	101.5	113.6	124.4	130.8	136.8	143.0	149.0
90°	69.8	78.5	87.2	94.8	103.5	115.5	126.4	131.9	137.3	143.9	150.4
92.5°	67.4	75.8	84.6	92.5	101.5	113.6	124.4	130.8	136.8	143.0	149.0
95°	65.4	73.6	82.4	90.6	100.0	112.0	122.7	130.0	136.5	142.2	147.7
97.5°	63.7	71.8	80.6	89.1	98.9	110.8	121.3	129.4	136.2	141.5	146.5
100°	62.3	70.4	79.2	88.0	98.2	109.9	120.4	129.0	136.1	140.8	145.5
102.5°	61.2	69.5	78.3	87.4	98.0	109.5	119.9	129.1	135.9	140.2	144.7
105°	60.3	69.0	77.8	87.2	98.2	109.4	120.0	129.5	135.8	139.5	144.1
107.5°	58.5	67.2	76.3	86.6	98.9	109.6	120.7	130.3	135.7	138.7	143.7
110°	56.8	64.7	73.4	83.5	95.0	106.3	118.6	129.2	134.7	137.9	143.6



TEST NUMBER: P231919

CATALOG NUMBER: FVS4WM-2-LD4-50-2HI-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
112.5°	54.8	62.1	70.6	80.4	90.9	101.7	112.8	122.4	127.3	131.3	139.1
115°	52.5	59.5	67.6	77.0	86.7	97.0	107.1	115.0	120.1	125.0	133.5
117.5°	49.9	56.9	64.8	73.4	82.5	92.3	101.3	107.9	113.3	119.6	128.1
120°	47.4	54.1	61.5	69.7	78.3	87.1	95.3	101.2	106.9	114.4	123.0
122.5°	44.8	51.0	58.0	65.7	73.8	81.7	88.8	95.0	101.1	109.5	118.1
125°	44.6	48.8	54.3	61.5	68.9	76.3	82.8	89.3	96.6	105.0	113.4
127.5°	44.5	48.9	53.6	58.6	63.9	70.6	77.3	84.2	92.3	100.7	109.2
130°	44.6	48.7	53.0	57.6	62.5	67.5	73.3	80.2	88.5	96.6	105.4
132.5°	44.3	48.0	52.1	56.3	60.8	65.7	71.2	78.1	85.3	92.8	101.9
135°	43.5	47.0	50.8	54.7	58.9	63.7	69.3	75.5	82.2	89.6	97.8
137.5°	42.4	45.7	49.1	52.8	56.9	61.6	66.9	72.7	78.8	85.7	93.5
140°	40.8	43.9	47.1	50.7	54.7	59.2	64.2	69.4	75.2	81.5	88.7
142.5°	38.8	41.8	44.9	48.4	52.2	56.4	61.0	65.8	70.9	76.8	83.1
145°	36.5	39.3	42.3	45.5	49.2	53.2	57.3	61.5	66.3	71.4	76.9
147.5°	33.8	36.2	39.1	42.4	45.8	49.2	52.7	56.6	60.7	65.2	69.8
150°	31.6	33.8	36.0	38.7	41.4	44.3	47.4	50.8	54.3	58.0	61.8
152.5°	30.0	32.0	33.7	35.3	36.9	38.5	41.1	43.9	46.9	49.9	52.7
155°	27.8	29.4	30.9	32.5	34.0	35.4	36.8	38.2	39.5	40.8	43.1
157.5°	25.4	26.8	28.2	29.6	30.9	32.2	33.5	34.7	35.9	37.0	38.1
160°	22.9	24.2	25.4	26.7	27.8	29.0	30.1	31.2	32.2	33.2	34.2
162.5°	20.3	21.5	22.6	23.6	24.7	25.7	26.7	27.6	28.5	29.4	30.2
165°	17.7	18.7	19.6	20.6	21.4	22.3	23.1	23.9	24.7	25.4	26.1
167.5°	15.0	15.8	16.6	17.4	18.1	18.8	19.5	20.2	20.8	21.4	22.0
170°	12.2	12.9	13.5	14.1	14.7	15.3	15.8	16.3	16.8	17.3	17.7
172.5°	9.3	9.8	10.3	10.7	11.2	11.6	12.0	12.4	12.8	13.1	13.4
175°	6.3	6.6	7.0	7.3	7.6	7.8	8.1	8.4	8.6	8.9	9.1
177.5°	3.3	3.4	3.6	3.8	3.9	4.1	4.2	4.4	4.5	4.6	4.8
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P231919

CATALOG NUMBER: FVS4WM-2-LD4-50-2HI-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	4.9	5.0	5.1	5.1	5.2	5.3	5.3	5.4	5.4	5.4	6.1
5°	9.4	9.6	9.8	10.0	10.2	10.4	10.5	10.7	10.8	10.9	12.3
7.5°	13.7	14.0	14.4	14.7	15.0	15.4	15.6	15.9	16.1	16.3	18.4
10°	18.1	18.5	18.9	19.2	19.7	20.2	20.6	21.0	21.4	21.8	24.4
12.5°	22.5	23.0	23.4	23.8	24.2	24.8	25.5	26.1	26.7	27.2	30.5
15°	26.8	27.4	27.9	28.4	28.9	29.4	30.2	31.1	31.9	32.7	36.5
17.5°	31.0	31.7	32.4	33.0	33.6	34.1	34.8	36.0	37.1	38.1	42.5
20°	35.1	36.0	36.8	37.5	38.2	38.8	39.4	40.8	42.2	43.6	48.5
22.5°	39.2	40.2	41.1	42.0	42.8	43.5	44.2	45.6	47.3	49.0	54.4
25°	45.4	47.8	50.0	52.1	54.1	56.0	57.7	59.7	62.4	64.9	70.9
27.5°	55.6	58.5	61.4	64.2	66.8	69.3	71.6	74.0	77.5	80.7	87.5
30°	65.2	68.6	72.2	75.8	79.1	82.3	85.3	88.1	92.5	96.6	104.1
32.5°	74.2	78.3	82.5	86.9	91.0	95.0	98.8	102.3	107.4	112.5	120.7
35°	82.6	87.5	92.2	97.5	102.6	107.4	112.0	116.4	122.2	128.3	137.4
37.5°	89.8	96.3	101.7	107.7	114.1	119.5	125.0	130.4	137.0	144.2	154.0
40°	96.3	104.4	110.9	117.4	124.6	131.4	137.9	144.2	151.7	160.1	170.7
42.5°	102.1	111.4	119.7	127.1	135.1	143.1	150.8	157.9	166.3	175.9	187.3
45°	107.5	117.8	128.2	136.3	145.3	154.5	163.1	171.5	180.9	191.8	204.0
47.5°	112.1	122.6	133.4	141.5	149.9	159.3	168.7	178.4	189.4	202.6	216.8
50°	115.0	125.0	135.4	144.2	152.4	162.5	173.3	184.8	197.7	213.4	229.6
52.5°	118.6	128.1	137.9	147.1	155.0	165.6	177.8	191.0	205.9	224.1	242.5
55°	122.7	131.9	141.0	150.2	157.9	168.8	182.1	197.1	214.0	234.9	255.5
57.5°	127.2	136.2	144.6	153.3	161.1	172.0	186.2	203.0	222.1	245.7	268.5
60°	131.9	141.1	148.9	156.7	164.5	175.2	190.2	208.7	230.0	256.5	281.5
62.5°	137.0	146.2	153.3	160.5	168.0	178.4	194.1	214.4	237.9	267.2	294.7
65°	142.4	151.5	158.3	164.6	171.6	181.7	197.9	220.0	245.7	278.0	307.8
67.5°	148.0	156.9	163.6	169.0	175.4	185.1	201.6	225.6	253.5	288.8	320.9
70°	151.3	159.0	164.8	169.1	175.0	184.3	200.3	224.1	251.9	288.2	322.4
72.5°	150.9	157.9	163.5	167.6	173.6	183.0	198.7	222.5	250.3	287.6	323.7
75°	150.8	157.2	162.4	166.0	172.2	181.9	197.3	221.1	248.8	287.0	326.3
77.5°	151.0	156.7	161.3	164.5	170.7	180.9	196.0	219.7	247.3	286.4	327.1
80°	151.4	156.5	160.3	163.1	169.4	180.0	194.9	218.5	245.9	285.8	328.0
82.5°	152.0	156.4	159.4	161.7	168.1	179.3	193.9	217.4	244.5	285.2	328.8
85°	152.8	156.5	158.6	160.4	166.8	178.6	193.1	216.4	243.2	284.6	329.7
87.5°	153.8	156.7	157.8	159.2	165.7	178.1	192.4	215.5	242.0	284.0	330.5
90°	154.8	157.0	157.0	158.0	164.6	177.7	191.8	214.7	240.9	283.4	331.4
92.5°	153.8	156.7	157.8	159.2	165.7	178.1	192.4	215.5	242.0	284.0	330.5
95°	152.8	156.5	158.6	160.4	166.8	178.6	193.1	216.4	243.2	284.6	329.7
97.5°	152.0	156.4	159.4	161.7	168.1	179.3	193.9	217.4	244.5	285.2	328.8
100°	151.4	156.5	160.3	163.1	169.4	180.0	194.9	218.5	245.9	285.8	328.0
102.5°	151.0	156.7	161.3	164.5	170.7	180.9	196.0	219.7	247.3	286.4	327.1
105°	150.8	157.2	162.4	166.0	172.2	181.9	197.3	221.1	248.8	287.0	326.3
107.5°	150.9	157.9	163.5	167.6	173.6	183.0	198.7	222.5	250.3	287.6	323.7
110°	151.3	159.0	164.8	169.1	175.0	184.3	200.3	224.1	251.9	288.2	322.4



TEST NUMBER: P231919

CATALOG NUMBER: FVS4WM-2-LD4-50-2HI-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°	148.0	156.9	163.6	169.0	175.4	185.1	201.6	225.6	253.5	288.8	320.9
115°	142.4	151.5	158.3	164.6	171.6	181.7	197.9	220.0	245.7	278.0	307.8
117.5°	137.0	146.2	153.3	160.5	168.0	178.4	194.1	214.4	237.9	267.2	294.7
120°	131.9	141.1	148.9	156.7	164.5	175.2	190.2	208.7	230.0	256.5	281.5
122.5°	127.2	136.2	144.6	153.3	161.1	172.0	186.2	203.0	222.1	245.7	268.5
125°	122.7	131.9	141.0	150.2	157.9	168.8	182.1	197.1	214.0	234.9	255.5
127.5°	118.6	128.1	137.9	147.1	155.0	165.6	177.8	191.0	205.9	224.1	242.5
130°	115.0	125.0	135.4	144.2	152.4	162.5	173.3	184.8	197.7	213.4	229.6
132.5°	112.1	122.6	133.4	141.5	149.9	159.3	168.7	178.4	189.4	202.6	216.8
135°	107.5	117.8	128.2	136.3	145.3	154.5	163.1	171.5	180.9	191.8	204.0
137.5°	102.1	111.4	119.7	127.1	135.1	143.1	150.8	157.9	166.3	175.9	187.3
140°	96.3	104.4	110.9	117.4	124.6	131.4	137.9	144.2	151.7	160.1	170.7
142.5°	89.8	96.3	101.7	107.7	114.1	119.5	125.0	130.4	137.0	144.2	154.0
145°	82.6	87.5	92.2	97.5	102.6	107.4	112.0	116.4	122.2	128.3	137.4
147.5°	74.2	78.3	82.5	86.9	91.0	95.0	98.8	102.3	107.4	112.5	120.7
150°	65.2	68.6	72.2	75.8	79.1	82.3	85.3	88.1	92.5	96.6	104.1
152.5°	55.6	58.5	61.4	64.2	66.8	69.3	71.6	74.0	77.5	80.7	87.5
155°	45.4	47.8	50.0	52.1	54.1	56.0	57.7	59.7	62.4	64.9	70.9
157.5°	39.2	40.2	41.1	42.0	42.8	43.5	44.2	45.6	47.3	49.0	54.4
160°	35.1	36.0	36.8	37.5	38.2	38.8	39.4	40.8	42.2	43.6	48.5
162.5°	31.0	31.7	32.4	33.0	33.6	34.1	34.8	36.0	37.1	38.1	42.5
165°	26.8	27.4	27.9	28.4	28.9	29.4	30.2	31.1	31.9	32.7	36.5
167.5°	22.5	23.0	23.4	23.8	24.2	24.8	25.5	26.1	26.7	27.2	30.5
170°	18.1	18.5	18.9	19.2	19.7	20.2	20.6	21.0	21.4	21.8	24.4
172.5°	13.7	14.0	14.4	14.7	15.0	15.4	15.6	15.9	16.1	16.3	18.4
175°	9.4	9.6	9.8	10.0	10.2	10.4	10.5	10.7	10.8	10.9	12.3
177.5°	4.9	5.0	5.1	5.1	5.2	5.3	5.3	5.4	5.4	5.4	6.1
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P231919

CATALOG NUMBER: FVS4WM-2-LD4-50-2HI-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	6.8	7.5	8.2	8.8	9.4	10.0	10.6	11.2	11.7	12.3	12.8
5°	13.6	14.9	16.2	17.5	18.7	19.9	21.1	22.2	23.3	24.3	25.3
7.5°	20.3	22.3	24.2	26.1	27.9	29.7	31.5	34.0	36.3	38.6	40.8
10°	27.0	29.6	32.1	34.5	37.1	40.4	43.6	46.8	49.8	52.8	55.9
12.5°	33.7	36.8	39.9	43.3	47.3	51.3	55.2	59.0	62.4	65.2	68.0
15°	40.3	43.9	47.7	52.5	57.2	61.8	66.2	70.1	73.8	77.3	81.1
17.5°	46.8	51.0	56.0	61.4	66.6	71.7	76.5	81.1	85.5	90.0	94.4
20°	53.3	58.1	64.0	69.9	75.7	81.5	87.1	92.5	98.1	103.5	108.6
22.5°	59.7	65.4	71.8	78.1	84.8	91.5	98.0	104.6	111.1	117.2	122.6
25°	76.6	82.8	89.1	95.2	101.7	107.8	114.1	120.1	125.7	130.8	137.0
27.5°	93.9	100.9	107.6	114.5	121.4	128.2	134.9	141.3	147.1	152.4	157.4
30°	111.3	118.8	126.2	133.6	141.2	148.2	155.4	162.0	168.1	173.7	179.0
32.5°	128.7	136.7	144.5	152.3	160.1	168.0	175.4	182.3	188.7	194.5	198.3
35°	146.1	154.5	162.7	170.8	179.2	188.0	195.1	202.3	208.7	213.7	215.6
37.5°	163.4	172.2	180.7	189.0	198.0	206.5	214.5	221.6	228.8	230.4	231.8
40°	180.6	189.8	198.5	207.3	216.5	225.3	233.5	240.5	244.9	246.6	246.2
42.5°	197.8	207.3	216.1	225.3	234.8	243.8	251.8	259.1	260.7	261.3	260.5
45°	214.9	224.6	233.4	243.1	252.8	262.0	269.8	274.7	276.0	275.4	274.6
47.5°	229.7	241.8	253.4	265.5	276.6	285.9	292.2	291.8	290.2	289.6	288.5
50°	244.7	259.5	274.8	290.6	305.5	317.9	326.7	328.3	327.4	322.6	314.1
52.5°	259.8	277.9	297.1	316.8	335.7	351.3	362.1	367.5	371.6	369.2	362.2
55°	275.1	296.8	320.2	343.9	367.3	386.0	399.4	409.9	418.5	418.2	409.1
57.5°	290.6	316.1	343.9	372.1	399.7	421.9	438.4	455.3	466.5	466.6	454.8
60°	306.3	335.9	368.2	401.0	432.5	458.7	479.2	503.3	516.3	513.0	498.5
62.5°	322.0	356.0	392.9	430.5	466.1	496.0	522.0	553.8	567.8	558.5	539.2
65°	337.9	376.4	418.0	460.7	500.3	534.3	567.4	603.8	620.4	603.3	577.3
67.5°	353.8	397.0	443.4	491.2	535.0	573.5	614.4	653.7	666.5	645.9	613.2
70°	357.5	401.9	449.0	499.7	547.0	591.2	642.1	688.1	703.3	683.8	652.5
72.5°	360.9	405.3	451.3	502.4	549.7	595.5	649.6	696.3	712.4	699.5	680.1
75°	364.1	408.3	453.0	504.5	551.9	599.3	656.4	705.0	724.3	719.5	706.6
77.5°	367.3	410.9	454.1	506.0	553.6	602.8	662.3	714.1	738.4	743.0	733.2
80°	371.8	413.2	454.8	507.1	554.7	605.8	667.3	723.2	754.3	769.2	760.0
82.5°	374.2	416.3	456.4	507.5	555.3	608.2	671.4	732.0	771.4	797.3	787.0
85°	376.6	417.4	455.4	508.5	556.5	611.5	676.7	742.8	788.9	826.6	814.3
87.5°	379.1	418.5	454.4	507.2	555.1	611.5	677.3	748.5	806.9	856.7	841.7
90°	381.5	419.6	453.4	505.8	553.7	611.5	678.0	754.3	822.9	885.1	869.8
92.5°	379.1	418.5	454.4	507.2	555.1	611.5	677.3	748.5	806.9	856.7	841.7
95°	376.6	417.4	455.4	508.5	556.5	611.5	676.7	742.8	788.9	826.6	814.3
97.5°	374.2	416.3	456.4	507.5	555.3	608.2	671.4	732.0	771.4	797.3	787.0
100°	371.8	413.2	454.8	507.1	554.7	605.8	667.3	723.2	754.3	769.2	760.0
102.5°	367.3	410.9	454.1	506.0	553.6	602.8	662.3	714.1	738.4	743.0	733.2
105°	364.1	408.3	453.0	504.5	551.9	599.3	656.4	705.0	724.3	719.5	706.6
107.5°	360.9	405.3	451.3	502.4	549.7	595.5	649.6	696.3	712.4	699.5	680.1
110°	357.5	401.9	449.0	499.7	547.0	591.2	642.1	688.1	703.3	683.8	652.5



TEST NUMBER: P231919

CATALOG NUMBER: FVS4WM-2-LD4-50-2HI-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
112.5°	353.8	397.0	443.4	491.2	535.0	573.5	614.4	653.7	666.5	645.9	613.2
115°	337.9	376.4	418.0	460.7	500.3	534.3	567.4	603.8	620.4	603.3	577.3
117.5°	322.0	356.0	392.9	430.5	466.1	496.0	522.0	553.8	567.8	558.5	539.2
120°	306.3	335.9	368.2	401.0	432.5	458.7	479.2	503.3	516.3	513.0	498.5
122.5°	290.6	316.1	343.9	372.1	399.7	421.9	438.4	455.3	466.5	466.6	454.8
125°	275.1	296.8	320.2	343.9	367.3	386.0	399.4	409.9	418.5	418.2	409.1
127.5°	259.8	277.9	297.1	316.8	335.7	351.3	362.1	367.5	371.6	369.2	362.2
130°	244.7	259.5	274.8	290.6	305.5	317.9	326.7	328.3	327.4	322.6	314.1
132.5°	229.7	241.8	253.4	265.5	276.6	285.9	292.2	291.8	290.2	289.6	288.5
135°	214.9	224.6	233.4	243.1	252.8	262.0	269.8	274.7	276.0	275.4	274.6
137.5°	197.8	207.3	216.1	225.3	234.8	243.8	251.8	259.1	260.7	261.3	260.5
140°	180.6	189.8	198.5	207.3	216.5	225.3	233.5	240.5	244.9	246.6	246.2
142.5°	163.4	172.2	180.7	189.0	198.0	206.5	214.5	221.6	228.8	230.4	231.8
145°	146.1	154.5	162.7	170.8	179.2	188.0	195.1	202.3	208.7	213.7	215.6
147.5°	128.7	136.7	144.5	152.3	160.1	168.0	175.4	182.3	188.7	194.5	198.3
150°	111.3	118.8	126.2	133.6	141.2	148.2	155.4	162.0	168.1	173.7	179.0
152.5°	93.9	100.9	107.6	114.5	121.4	128.2	134.9	141.3	147.1	152.4	157.4
155°	76.6	82.8	89.1	95.2	101.7	107.8	114.1	120.1	125.7	130.8	137.0
157.5°	59.7	65.4	71.8	78.1	84.8	91.5	98.0	104.6	111.1	117.2	122.6
160°	53.3	58.1	64.0	69.9	75.7	81.5	87.1	92.5	98.1	103.5	108.6
162.5°	46.8	51.0	56.0	61.4	66.6	71.7	76.5	81.1	85.5	90.0	94.4
165°	40.3	43.9	47.7	52.5	57.2	61.8	66.2	70.1	73.8	77.3	81.1
167.5°	33.7	36.8	39.9	43.3	47.3	51.3	55.2	59.0	62.4	65.2	68.0
170°	27.0	29.6	32.1	34.5	37.1	40.4	43.6	46.8	49.8	52.8	55.9
172.5°	20.3	22.3	24.2	26.1	27.9	29.7	31.5	34.0	36.3	38.6	40.8
175°	13.6	14.9	16.2	17.5	18.7	19.9	21.1	22.2	23.3	24.3	25.3
177.5°	6.8	7.5	8.2	8.8	9.4	10.0	10.6	11.2	11.7	12.3	12.8
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P231919

CATALOG NUMBER: FVS4WM-2-LD4-50-2HI-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	13.2	13.7	14.1	14.5	14.9	15.3	15.6	15.9	16.1	16.4	16.6
5°	26.8	28.2	29.5	30.8	32.0	33.2	34.3	35.3	36.2	37.1	37.8
7.5°	43.0	45.1	47.1	49.0	50.6	51.7	52.6	53.5	54.3	55.0	55.6
10°	57.8	59.7	61.5	63.2	64.7	66.1	67.4	68.7	69.9	71.0	71.9
12.5°	70.6	73.0	75.3	77.7	80.0	82.0	83.9	85.6	87.1	88.3	89.2
15°	84.1	87.5	90.6	93.5	96.2	98.4	100.4	102.1	103.6	104.9	105.9
17.5°	98.6	103.1	106.0	109.1	111.9	114.5	116.8	118.9	120.6	122.1	123.2
20°	113.2	117.4	121.3	124.9	128.2	131.2	133.9	136.1	138.0	139.7	141.2
22.5°	127.8	132.7	137.2	141.3	145.2	147.7	150.1	152.4	154.5	156.3	158.3
25°	142.9	148.4	154.2	156.8	159.7	162.6	164.4	166.2	168.3	170.7	173.2
27.5°	162.0	165.4	167.0	170.2	171.9	173.3	175.4	177.5	180.3	183.2	187.1
30°	182.3	184.0	184.9	183.6	182.0	181.9	184.4	187.3	192.1	197.1	202.7
32.5°	200.2	200.8	199.6	198.3	197.5	196.5	197.1	198.7	204.8	213.0	221.3
35°	216.4	215.4	214.4	213.7	213.4	214.7	215.8	219.9	223.4	232.0	245.7
37.5°	230.9	230.0	229.4	229.7	231.4	234.5	239.7	245.6	254.6	264.0	274.4
40°	245.3	244.7	245.1	247.0	251.6	257.8	267.2	277.9	290.7	304.5	318.8
42.5°	259.8	259.6	261.8	266.8	274.2	285.9	298.4	315.4	333.3	352.3	372.3
45°	273.8	275.8	280.2	288.7	301.6	315.8	336.1	356.3	380.0	404.6	432.5
47.5°	289.2	291.7	301.3	314.1	330.2	352.4	375.7	401.8	430.8	461.8	497.0
50°	306.4	312.0	323.6	341.4	364.3	389.6	417.9	449.7	485.3	523.0	563.3
52.5°	354.0	351.8	358.2	371.6	400.3	428.7	461.7	499.6	539.6	583.3	629.3
55°	400.7	398.1	405.9	422.2	443.7	469.0	505.5	547.8	593.5	642.7	699.0
57.5°	443.5	443.3	452.8	470.0	492.7	522.2	556.6	595.8	646.6	704.3	765.9
60°	484.4	485.4	497.5	516.2	540.8	571.5	608.5	653.6	705.0	761.2	827.6
62.5°	526.5	527.8	539.3	559.0	585.7	618.6	659.2	708.1	766.2	825.3	889.6
65°	566.1	568.3	580.5	600.5	627.2	661.0	706.7	763.3	823.2	885.0	954.0
67.5°	603.5	606.1	619.0	639.3	666.7	703.5	752.7	814.4	874.0	938.9	1021.0
70°	640.8	642.0	654.9	674.8	702.2	742.6	798.5	859.2	919.1	986.7	1080.0
72.5°	672.1	675.7	688.9	708.0	734.8	779.7	840.4	898.3	956.7	1031.4	1125.1
75°	700.3	705.6	718.0	734.8	761.7	807.4	872.3	931.6	986.4	1064.7	1163.9
77.5°	728.2	734.7	744.7	758.0	781.4	826.0	886.7	947.8	1012.8	1094.7	1197.3
80°	755.9	763.0	769.6	778.3	796.2	839.0	898.2	961.9	1032.8	1122.3	1233.6
82.5°	783.3	790.6	793.0	796.3	807.1	847.1	906.8	974.0	1048.1	1143.9	1260.7
85°	810.7	817.8	815.4	812.8	815.2	851.3	912.4	983.6	1058.6	1159.3	1278.8
87.5°	838.0	844.6	837.1	828.1	821.4	853.0	916.5	992.1	1066.6	1171.5	1292.0
90°	865.4	870.9	858.9	843.6	827.3	851.3	914.5	993.0	1066.0	1170.6	1288.4
92.5°	838.0	844.6	837.1	828.1	821.4	853.0	916.5	992.1	1066.6	1171.5	1292.0
95°	810.7	817.8	815.4	812.8	815.2	851.3	912.4	983.6	1058.6	1159.3	1278.8
97.5°	783.3	790.6	793.0	796.3	807.1	847.1	906.8	974.0	1048.1	1143.9	1260.7
100°	755.9	763.0	769.6	778.3	796.2	839.0	898.2	961.9	1032.8	1122.3	1233.6
102.5°	728.2	734.7	744.7	758.0	781.4	826.0	886.7	947.8	1012.8	1094.7	1197.3
105°	700.3	705.6	718.0	734.8	761.7	807.4	872.3	931.6	986.4	1064.7	1163.9
107.5°	672.1	675.7	688.9	708.0	734.8	779.7	840.4	898.3	956.7	1031.4	1125.1
110°	640.8	642.0	654.9	674.8	702.2	742.6	798.5	859.2	919.1	986.7	1080.0



TEST NUMBER: P231919

CATALOG NUMBER: FVS4WM-2-LD4-50-2HI-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°	603.5	606.1	619.0	639.3	666.7	703.5	752.7	814.4	874.0	938.9	1021.0
115°	566.1	568.3	580.5	600.5	627.2	661.0	706.7	763.3	823.2	885.0	954.0
117.5°	526.5	527.8	539.3	559.0	585.7	618.6	659.2	708.1	766.2	825.3	889.6
120°	484.4	485.4	497.5	516.2	540.8	571.5	608.5	653.6	705.0	761.2	827.6
122.5°	443.5	443.3	452.8	470.0	492.7	522.2	556.6	595.8	646.6	704.3	765.9
125°	400.7	398.1	405.9	422.2	443.7	469.0	505.5	547.8	593.5	642.7	699.0
127.5°	354.0	351.8	358.2	371.6	400.3	428.7	461.7	499.6	539.6	583.3	629.3
130°	306.4	312.0	323.6	341.4	364.3	389.6	417.9	449.7	485.3	523.0	563.3
132.5°	289.2	291.7	301.3	314.1	330.2	352.4	375.7	401.8	430.8	461.8	497.0
135°	273.8	275.8	280.2	288.7	301.6	315.8	336.1	356.3	380.0	404.6	432.5
137.5°	259.8	259.6	261.8	266.8	274.2	285.9	298.4	315.4	333.3	352.3	372.3
140°	245.3	244.7	245.1	247.0	251.6	257.8	267.2	277.9	290.7	304.5	318.8
142.5°	230.9	230.0	229.4	229.7	231.4	234.5	239.7	245.6	254.6	264.0	274.4
145°	216.4	215.4	214.4	213.7	213.4	214.7	215.8	219.9	223.4	232.0	245.7
147.5°	200.2	200.8	199.6	198.3	197.5	196.5	197.1	198.7	204.8	213.0	221.3
150°	182.3	184.0	184.9	183.6	182.0	181.9	184.4	187.3	192.1	197.1	202.7
152.5°	162.0	165.4	167.0	170.2	171.9	173.3	175.4	177.5	180.3	183.2	187.1
155°	142.9	148.4	154.2	156.8	159.7	162.6	164.4	166.2	168.3	170.7	173.2
157.5°	127.8	132.7	137.2	141.3	145.2	147.7	150.1	152.4	154.5	156.3	158.3
160°	113.2	117.4	121.3	124.9	128.2	131.2	133.9	136.1	138.0	139.7	141.2
162.5°	98.6	103.1	106.0	109.1	111.9	114.5	116.8	118.9	120.6	122.1	123.2
165°	84.1	87.5	90.6	93.5	96.2	98.4	100.4	102.1	103.6	104.9	105.9
167.5°	70.6	73.0	75.3	77.7	80.0	82.0	83.9	85.6	87.1	88.3	89.2
170°	57.8	59.7	61.5	63.2	64.7	66.1	67.4	68.7	69.9	71.0	71.9
172.5°	43.0	45.1	47.1	49.0	50.6	51.7	52.6	53.5	54.3	55.0	55.6
175°	26.8	28.2	29.5	30.8	32.0	33.2	34.3	35.3	36.2	37.1	37.8
177.5°	13.2	13.7	14.1	14.5	14.9	15.3	15.6	15.9	16.1	16.4	16.6
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P231919

CATALOG NUMBER: FVS4WM-2-LD4-50-2HI-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	16.7	16.9	17.0	17.1	17.1	17.1	17.6	17.4	17.2	17.0	16.8
5°	38.5	39.2	39.7	40.2	40.5	40.8	41.0	41.1	41.9	41.5	41.1
7.5°	56.1	56.5	56.8	57.0	57.1	57.1	57.0	56.8	56.5	56.5	55.8
10°	72.7	73.3	73.8	74.2	74.4	74.4	74.3	74.1	73.7	73.7	72.8
12.5°	90.0	90.5	90.9	91.1	91.1	90.9	90.5	90.0	89.3	88.5	87.7
15°	106.8	107.3	107.7	107.8	107.7	107.3	106.8	106.0	105.0	103.9	102.8
17.5°	124.2	125.0	125.7	126.2	126.4	126.5	126.3	125.8	125.2	124.3	123.6
20°	142.5	143.8	145.1	146.3	147.4	148.4	149.2	149.8	150.1	150.2	150.8
22.5°	160.3	162.3	164.2	166.1	167.8	169.4	170.8	172.0	172.9	173.5	174.7
25°	175.8	178.4	181.1	184.5	187.8	190.9	193.7	196.3	198.4	200.2	201.6
27.5°	191.6	196.1	200.5	205.6	211.0	216.1	220.8	225.1	228.8	232.0	234.6
30°	209.4	216.6	223.7	230.5	239.9	248.7	256.9	264.4	271.1	276.8	281.6
32.5°	230.8	242.8	254.6	266.0	278.2	290.4	301.7	311.9	321.0	328.9	335.5
35°	259.4	275.3	291.5	307.1	322.5	339.5	355.1	369.2	381.6	392.3	401.2
37.5°	293.3	313.0	335.7	357.3	377.7	398.9	418.7	436.3	451.7	464.7	475.4
40°	336.0	360.2	388.4	416.1	442.0	467.0	490.2	510.1	526.8	540.2	550.5
42.5°	395.4	418.5	449.4	484.3	515.6	543.4	568.8	590.6	608.7	623.2	634.1
45°	460.8	493.3	524.4	560.6	595.1	629.1	656.1	681.4	700.9	714.9	723.8
47.5°	533.4	570.4	606.3	644.8	689.1	726.8	759.5	787.4	809.4	825.5	835.8
50°	605.4	648.8	698.9	747.9	796.4	838.1	876.3	914.8	947.1	972.7	991.0
52.5°	681.1	736.3	792.6	848.5	909.2	967.7	1017.1	1063.4	1105.4	1141.6	1170.7
55°	758.2	819.7	884.5	955.8	1027.2	1096.6	1156.8	1210.5	1259.5	1303.2	1339.9
57.5°	830.7	902.3	978.8	1061.6	1146.0	1214.6	1281.9	1339.8	1390.5	1437.4	1478.9
60°	901.5	982.4	1075.0	1163.5	1246.8	1318.7	1380.8	1440.2	1495.1	1544.1	1586.6
62.5°	967.4	1067.6	1164.4	1257.1	1332.5	1403.3	1467.2	1528.2	1581.7	1630.3	1672.8
65°	1046.6	1144.8	1244.3	1327.7	1404.3	1476.4	1540.0	1599.3	1654.8	1705.7	1749.7
67.5°	1117.6	1218.8	1305.8	1386.9	1464.2	1534.4	1601.7	1665.1	1722.1	1772.1	1814.5
70°	1178.4	1277.8	1363.7	1438.5	1511.0	1585.6	1657.0	1720.9	1781.6	1837.7	1879.2
72.5°	1229.7	1331.5	1411.4	1484.6	1556.5	1629.2	1701.1	1772.8	1845.9	1903.3	1937.0
75°	1276.7	1369.4	1448.2	1523.5	1598.4	1669.3	1740.6	1817.5	1888.2	1949.7	1988.5
77.5°	1315.7	1400.4	1477.2	1554.2	1631.3	1705.2	1778.0	1851.4	1921.2	1982.9	2022.8
80°	1341.0	1423.1	1498.2	1576.9	1656.8	1732.7	1805.0	1877.6	1948.4	2010.0	2048.5
82.5°	1363.0	1444.8	1519.5	1597.0	1672.0	1743.5	1819.8	1898.3	1978.6	2044.0	2073.9
85°	1379.8	1459.9	1532.9	1611.3	1685.1	1758.5	1833.1	1913.2	1992.4	2055.2	2090.2
87.5°	1394.3	1468.5	1538.5	1616.6	1690.0	1767.6	1846.8	1927.0	2000.8	2064.1	2093.4
90°	1394.1	1470.4	1536.9	1613.2	1686.2	1766.9	1848.6	1922.7	1997.9	2067.7	2096.0
92.5°	1394.3	1468.5	1538.5	1616.6	1690.0	1767.6	1846.8	1927.0	2000.8	2064.1	2093.4
95°	1379.8	1459.9	1532.9	1611.3	1685.1	1758.5	1833.1	1913.2	1992.4	2055.2	2090.2
97.5°	1363.0	1444.8	1519.5	1597.0	1672.0	1743.5	1819.8	1898.3	1978.6	2044.0	2073.9
100°	1341.0	1423.1	1498.2	1576.9	1656.8	1732.7	1805.0	1877.6	1948.4	2010.0	2048.5
102.5°	1315.7	1400.4	1477.2	1554.2	1631.3	1705.2	1778.0	1851.4	1921.2	1982.9	2022.8
105°	1276.7	1369.4	1448.2	1523.5	1598.4	1669.3	1740.6	1817.5	1888.2	1949.7	1988.5
107.5°	1229.7	1331.5	1411.4	1484.6	1556.5	1629.2	1701.1	1772.8	1845.9	1903.3	1937.0
110°	1178.4	1277.8	1363.7	1438.5	1511.0	1585.6	1657.0	1720.9	1781.6	1837.7	1879.2



TEST NUMBER: P231919

CATALOG NUMBER: FVS4WM-2-LD4-50-2HI-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
112.5°	1117.6	1218.8	1305.8	1386.9	1464.2	1534.4	1601.7	1665.1	1722.1	1772.1	1814.5
115°	1046.6	1144.8	1244.3	1327.7	1404.3	1476.4	1540.0	1599.3	1654.8	1705.7	1749.7
117.5°	967.4	1067.6	1164.4	1257.1	1332.5	1403.3	1467.2	1528.2	1581.7	1630.3	1672.8
120°	901.5	982.4	1075.0	1163.5	1246.8	1318.7	1380.8	1440.2	1495.1	1544.1	1586.6
122.5°	830.7	902.3	978.8	1061.6	1146.0	1214.6	1281.9	1339.8	1390.5	1437.4	1478.9
125°	758.2	819.7	884.5	955.8	1027.2	1096.6	1156.8	1210.5	1259.5	1303.2	1339.9
127.5°	681.1	736.3	792.6	848.5	909.2	967.7	1017.1	1063.4	1105.4	1141.6	1170.7
130°	605.4	648.8	698.9	747.9	796.4	838.1	876.3	914.8	947.1	972.7	991.0
132.5°	533.4	570.4	606.3	644.8	689.1	726.8	759.5	787.4	809.4	825.5	835.8
135°	460.8	493.3	524.4	560.6	595.1	629.1	656.1	681.4	700.9	714.9	723.8
137.5°	395.4	418.5	449.4	484.3	515.6	543.4	568.8	590.6	608.7	623.2	634.1
140°	336.0	360.2	388.4	416.1	442.0	467.0	490.2	510.1	526.8	540.2	550.5
142.5°	293.3	313.0	335.7	357.3	377.7	398.9	418.7	436.3	451.7	464.7	475.4
145°	259.4	275.3	291.5	307.1	322.5	339.5	355.1	369.2	381.6	392.3	401.2
147.5°	230.8	242.8	254.6	266.0	278.2	290.4	301.7	311.9	321.0	328.9	335.5
150°	209.4	216.6	223.7	230.5	239.9	248.7	256.9	264.4	271.1	276.8	281.6
152.5°	191.6	196.1	200.5	205.6	211.0	216.1	220.8	225.1	228.8	232.0	234.6
155°	175.8	178.4	181.1	184.5	187.8	190.9	193.7	196.3	198.4	200.2	201.6
157.5°	160.3	162.3	164.2	166.1	167.8	169.4	170.8	172.0	172.9	173.5	174.7
160°	142.5	143.8	145.1	146.3	147.4	148.4	149.2	149.8	150.1	150.2	150.8
162.5°	124.2	125.0	125.7	126.2	126.4	126.5	126.3	125.8	125.2	124.3	123.6
165°	106.8	107.3	107.7	107.8	107.7	107.3	106.8	106.0	105.0	103.9	102.8
167.5°	90.0	90.5	90.9	91.1	91.1	90.9	90.5	90.0	89.3	88.5	87.7
170°	72.7	73.3	73.8	74.2	74.4	74.4	74.3	74.1	73.7	73.7	72.8
172.5°	56.1	56.5	56.8	57.0	57.1	57.1	57.0	56.8	56.5	56.5	55.8
175°	38.5	39.2	39.7	40.2	40.5	40.8	41.0	41.1	41.9	41.5	41.1
177.5°	16.7	16.9	17.0	17.1	17.1	17.1	17.6	17.4	17.2	17.0	16.8
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P231919

CATALOG NUMBER: FVS4WM-2-LD4-50-2HI-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	357.5°	360°
0°	0.0	0.0
2.5°	16.5	16.3
5°	40.7	40.3
7.5°	55.2	54.5
10°	71.8	70.8
12.5°	86.4	85.0
15°	101.0	99.2
17.5°	121.8	119.9
20°	149.5	148.2
22.5°	174.0	173.3
25°	202.7	202.7
27.5°	236.8	237.6
30°	285.9	287.8
32.5°	341.5	344.4
35°	409.2	413.1
37.5°	484.9	489.4
40°	559.3	562.4
42.5°	643.1	645.3
45°	729.9	728.1
47.5°	843.0	839.3
50°	1005.8	1003.9
52.5°	1196.8	1202.2
55°	1373.7	1386.5
57.5°	1518.4	1539.1
60°	1625.9	1649.1
62.5°	1708.6	1737.4
65°	1786.5	1815.9
67.5°	1849.3	1876.9
70°	1909.0	1929.3
72.5°	1959.0	1971.8
75°	2005.1	2012.1
77.5°	2029.9	2030.6
80°	2063.7	2066.6
82.5°	2086.8	2089.5
85°	2097.0	2094.9
87.5°	2110.1	2114.6
90°	2108.0	2110.2
92.5°	2110.1	2114.6
95°	2097.0	2094.9
97.5°	2086.8	2089.5
100°	2063.7	2066.6
102.5°	2029.9	2030.6
105°	2005.1	2012.1
107.5°	1959.0	1971.8
110°	1909.0	1929.3



TEST NUMBER: P231919

CATALOG NUMBER: FVS4WM-2-LD4-50-2HI-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	357.5°	360°
112.5°	1849.3	1876.9
115°	1786.5	1815.9
117.5°	1708.6	1737.4
120°	1625.9	1649.1
122.5°	1518.4	1539.1
125°	1373.7	1386.5
127.5°	1196.8	1202.2
130°	1005.8	1003.9
132.5°	843.0	839.3
135°	729.9	728.1
137.5°	643.1	645.3
140°	559.3	562.4
142.5°	484.9	489.4
145°	409.2	413.1
147.5°	341.5	344.4
150°	285.9	287.8
152.5°	236.8	237.6
155°	202.7	202.7
157.5°	174.0	173.3
160°	149.5	148.2
162.5°	121.8	119.9
165°	101.0	99.2
167.5°	86.4	85.0
170°	71.8	70.8
172.5°	55.2	54.5
175°	40.7	40.3
177.5°	16.5	16.3
180°	0.0	0.0

(END OF REPORT)