

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: P231917

Luminaire Tested: **FVS4WM-2-LD4-35-2HI-P125-UNV-EDC1**

Issue Date: 3/3/2020



Test Information

Test Method: LM-79-08
Report Number: P231917
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-LD4-35-2HI-P125-UNV-EDC1
Description: FAILSAFE FVS LED FIXTURE
2FT LENGTH, 2-MODULE LED WITH P125 LENS
Light Source: (84) 3500K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

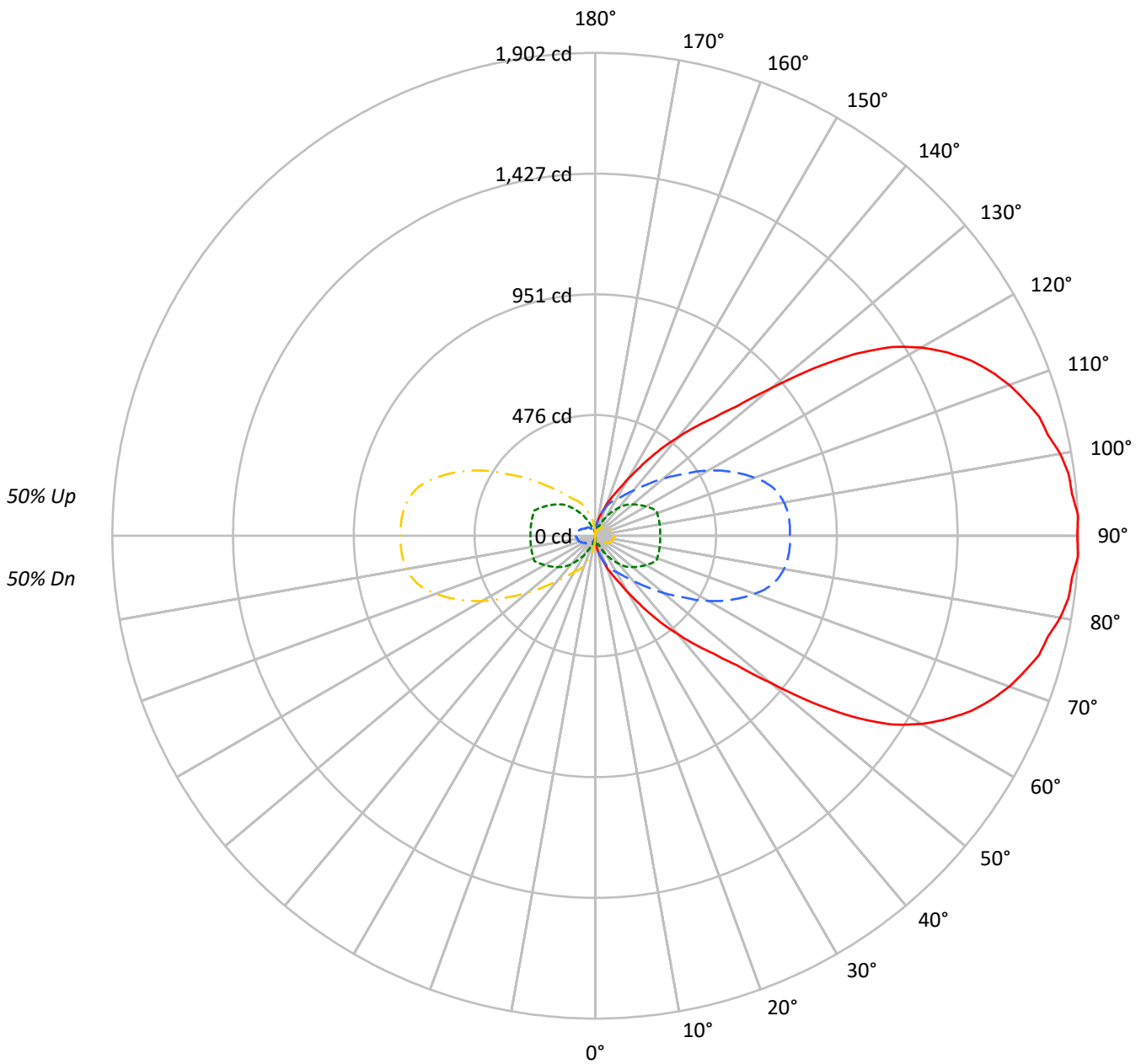
Lumens per Lamp: N/A
Luminaire Lumens: 4345.1 lumens
Efficiency: N/A
Efficacy: 97.0 lumens/watt
Spacing Criteria (0/90/45): - / - / -
Luminous Opening: Rectangular w/ Sides (W: 1.92' x L: 0.19' x H: 0.31')
CIE Type: General Diffuse

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

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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	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°	953	291	0	291
10°	1497	579	0	579
15°	1912	873	0	873
20°	2645	1179	0	1179
25°	3390	1794	0	1794
30°	4561	2747	0	2747
35°	6270	3787	0	3787
40°	8247	4953	0	4953
45°	10403	6282	0	6282
50°	14089	7487	0	7487
55°	19264	8950	0	8950
60°	22861	10776	15	10776
65°	25306	13133	15	13133
70°	27238	15683	16	15683
75°	29008	18577	16	18577
80°	30675	23041	0	23041
85°	32297	30722	0	30722



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	2.0	0.0
10°-20°	13.9	0.3
20°-30°	39.0	0.9
30°-40°	86.5	2.0
40°-50°	167.3	3.8
50°-60°	297.8	6.9
60°-70°	439.0	10.1
70°-80°	538.4	12.4
80°-90°	588.6	13.5
90°-100°	588.6	13.5
100°-110°	538.4	12.4
110°-120°	439.0	10.1
120°-130°	297.8	6.9
130°-140°	167.3	3.8
140°-150°	86.5	2.0
150°-160°	39.0	0.9
160°-170°	13.9	0.3
170°-180°	2.0	0.0
0°-30°	54.9	1.3
0°-40°	141.4	3.3
0°-60°	606.5	14.0
0°-90°	2172.5	50.0
90°-120°	1566.0	36.0
90°-150°	2117.6	48.7
90°-180°	2173.0	50.0
0°-180°	4345.1	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	0	0	0	0	0	
5°	36	10	0	10	36	4
15°	89	29	0	29	89	27
25°	182	58	0	58	182	88
35°	372	115	0	115	372	239
45°	655	172	0	172	655	526
55°	1247	211	0	211	1247	1105
65°	1633	250	1	250	1633	1613
75°	1810	258	1	258	1810	1906
85°	1884	256	0	256	1884	1537
90°	1898	255	0	255	1898	1041
95°	1884	256	0	256	1884	1537
105°	1810	258	1	258	1810	1906
115°	1633	250	1	250	1633	1613
125°	1247	211	0	211	1247	1105
135°	655	172	0	172	655	526
145°	372	115	0	115	372	239
155°	182	58	0	58	182	88
165°	89	29	0	29	89	27
175°	36	10	0	10	36	4
180°	0	0	0	0	0	



TEST NUMBER: P231917

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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°	14.7	14.9	15.1	15.3	15.5	15.7	15.9	15.4	15.4	15.4	15.3
5°	36.3	36.7	37.0	37.4	37.7	37.0	36.9	36.8	36.5	36.2	35.8
7.5°	49.0	49.6	50.2	50.8	50.8	51.1	51.2	51.3	51.3	51.2	51.0
10°	63.7	64.6	65.5	66.3	66.3	66.6	66.9	66.9	66.9	66.7	66.4
12.5°	76.5	77.7	79.0	79.6	80.4	81.0	81.5	81.8	81.9	81.9	81.8
15°	89.2	90.8	92.5	93.4	94.5	95.3	96.0	96.6	96.9	97.0	96.9
17.5°	107.8	109.5	111.2	111.7	112.6	113.2	113.5	113.7	113.7	113.5	113.0
20°	133.3	134.5	135.6	135.1	135.1	134.7	134.2	133.5	132.6	131.6	130.5
22.5°	155.9	156.5	157.2	156.1	155.5	154.7	153.6	152.4	151.0	149.4	147.8
25°	182.3	182.3	181.3	180.1	178.5	176.5	174.2	171.7	168.9	166.0	162.9
27.5°	213.7	213.0	211.0	208.7	205.8	202.4	198.6	194.4	189.8	184.9	180.3
30°	258.8	257.1	253.2	248.9	243.8	237.8	231.1	223.7	215.8	207.4	201.2
32.5°	309.8	307.2	301.8	295.8	288.7	280.5	271.3	261.2	250.2	239.2	229.0
35°	371.6	368.1	360.9	352.9	343.3	332.1	319.4	305.4	290.1	276.2	262.2
37.5°	440.2	436.2	427.6	418.0	406.2	392.4	376.6	358.8	339.7	321.4	301.9
40°	505.9	503.1	495.2	485.9	473.8	458.8	440.9	420.0	397.5	374.3	349.3
42.5°	580.4	578.4	570.3	560.5	547.5	531.2	511.7	488.8	463.8	435.6	404.2
45°	654.9	656.5	651.0	643.0	630.4	612.9	590.2	565.8	535.2	504.3	471.7
47.5°	754.9	758.2	751.7	742.5	728.0	708.2	683.1	653.7	619.8	579.9	545.4
50°	902.9	904.6	891.3	874.9	851.9	822.8	788.2	753.8	716.3	672.6	628.6
52.5°	1081.4	1076.6	1053.1	1026.8	994.2	956.5	914.9	870.5	817.7	763.1	712.9
55°	1247.0	1235.5	1205.1	1172.1	1132.9	1088.7	1040.4	986.3	924.0	859.7	795.5
57.5°	1384.3	1365.7	1330.2	1292.9	1250.7	1205.1	1153.0	1092.4	1030.8	954.9	880.4
60°	1483.3	1462.4	1427.0	1388.9	1344.8	1295.4	1242.0	1186.1	1121.5	1046.5	966.9
62.5°	1562.7	1536.8	1504.6	1466.3	1422.6	1374.5	1319.6	1262.2	1198.6	1130.7	1047.3
65°	1633.3	1606.8	1573.8	1534.2	1488.4	1438.4	1385.1	1327.9	1263.2	1194.2	1119.2
67.5°	1688.2	1663.3	1632.1	1593.9	1548.9	1497.6	1440.6	1380.1	1317.0	1247.5	1174.5
70°	1735.3	1717.0	1690.2	1652.8	1602.4	1547.8	1490.3	1426.1	1359.0	1293.8	1226.6
72.5°	1773.5	1762.0	1742.2	1711.9	1660.2	1594.5	1530.0	1465.3	1400.0	1335.3	1269.5
75°	1809.8	1803.5	1788.5	1753.7	1698.4	1634.7	1565.6	1501.5	1437.7	1370.3	1302.6
77.5°	1826.4	1825.8	1819.4	1783.5	1728.0	1665.2	1599.2	1533.7	1467.3	1397.9	1328.7
80°	1858.8	1856.1	1842.5	1807.9	1752.4	1688.8	1623.5	1558.4	1490.2	1418.3	1347.6
82.5°	1879.4	1877.0	1865.4	1838.4	1779.6	1707.4	1636.8	1568.2	1503.9	1436.4	1366.7
85°	1884.3	1886.1	1880.0	1848.5	1792.0	1720.8	1648.8	1581.6	1515.6	1449.3	1378.8
87.5°	1901.9	1897.8	1882.9	1856.6	1799.6	1733.2	1661.1	1589.8	1520.0	1454.1	1383.7
90°	1898.0	1896.0	1885.3	1859.8	1797.0	1729.4	1662.7	1589.2	1516.6	1451.0	1382.3
92.5°	1901.9	1897.8	1882.9	1856.6	1799.6	1733.2	1661.1	1589.8	1520.0	1454.1	1383.7
95°	1884.3	1886.1	1880.0	1848.5	1792.0	1720.8	1648.8	1581.6	1515.6	1449.3	1378.8
97.5°	1879.4	1877.0	1865.4	1838.4	1779.6	1707.4	1636.8	1568.2	1503.9	1436.4	1366.7
100°	1858.8	1856.1	1842.5	1807.9	1752.4	1688.8	1623.5	1558.4	1490.2	1418.3	1347.6
102.5°	1826.4	1825.8	1819.4	1783.5	1728.0	1665.2	1599.2	1533.7	1467.3	1397.9	1328.7
105°	1809.8	1803.5	1788.5	1753.7	1698.4	1634.7	1565.6	1501.5	1437.7	1370.3	1302.6
107.5°	1773.5	1762.0	1742.2	1711.9	1660.2	1594.5	1530.0	1465.3	1400.0	1335.3	1269.5
110°	1735.3	1717.0	1690.2	1652.8	1602.4	1547.8	1490.3	1426.1	1359.0	1293.8	1226.6



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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°	1688.2	1663.3	1632.1	1593.9	1548.9	1497.6	1440.6	1380.1	1317.0	1247.5	1174.5
115°	1633.3	1606.8	1573.8	1534.2	1488.4	1438.4	1385.1	1327.9	1263.2	1194.2	1119.2
117.5°	1562.7	1536.8	1504.6	1466.3	1422.6	1374.5	1319.6	1262.2	1198.6	1130.7	1047.3
120°	1483.3	1462.4	1427.0	1388.9	1344.8	1295.4	1242.0	1186.1	1121.5	1046.5	966.9
122.5°	1384.3	1365.7	1330.2	1292.9	1250.7	1205.1	1153.0	1092.4	1030.8	954.9	880.4
125°	1247.0	1235.5	1205.1	1172.1	1132.9	1088.7	1040.4	986.3	924.0	859.7	795.5
127.5°	1081.4	1076.6	1053.1	1026.8	994.2	956.5	914.9	870.5	817.7	763.1	712.9
130°	902.9	904.6	891.3	874.9	851.9	822.8	788.2	753.8	716.3	672.6	628.6
132.5°	754.9	758.2	751.7	742.5	728.0	708.2	683.1	653.7	619.8	579.9	545.4
135°	654.9	656.5	651.0	643.0	630.4	612.9	590.2	565.8	535.2	504.3	471.7
137.5°	580.4	578.4	570.3	560.5	547.5	531.2	511.7	488.8	463.8	435.6	404.2
140°	505.9	503.1	495.2	485.9	473.8	458.8	440.9	420.0	397.5	374.3	349.3
142.5°	440.2	436.2	427.6	418.0	406.2	392.4	376.6	358.8	339.7	321.4	301.9
145°	371.6	368.1	360.9	352.9	343.3	332.1	319.4	305.4	290.1	276.2	262.2
147.5°	309.8	307.2	301.8	295.8	288.7	280.5	271.3	261.2	250.2	239.2	229.0
150°	258.8	257.1	253.2	248.9	243.8	237.8	231.1	223.7	215.8	207.4	201.2
152.5°	213.7	213.0	211.0	208.7	205.8	202.4	198.6	194.4	189.8	184.9	180.3
155°	182.3	182.3	181.3	180.1	178.5	176.5	174.2	171.7	168.9	166.0	162.9
157.5°	155.9	156.5	157.2	156.1	155.5	154.7	153.6	152.4	151.0	149.4	147.8
160°	133.3	134.5	135.6	135.1	135.1	134.7	134.2	133.5	132.6	131.6	130.5
162.5°	107.8	109.5	111.2	111.7	112.6	113.2	113.5	113.7	113.7	113.5	113.0
165°	89.2	90.8	92.5	93.4	94.5	95.3	96.0	96.6	96.9	97.0	96.9
167.5°	76.5	77.7	79.0	79.6	80.4	81.0	81.5	81.8	81.9	81.9	81.8
170°	63.7	64.6	65.5	66.3	66.3	66.6	66.9	66.9	66.9	66.7	66.4
172.5°	49.0	49.6	50.2	50.8	50.8	51.1	51.2	51.3	51.3	51.2	51.0
175°	36.3	36.7	37.0	37.4	37.7	37.0	36.9	36.8	36.5	36.2	35.8
177.5°	14.7	14.9	15.1	15.3	15.5	15.7	15.9	15.4	15.4	15.4	15.3
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	15.2	15.1	14.9	14.8	14.5	14.3	14.0	13.8	13.4	13.1	12.7
5°	35.3	34.7	34.1	33.4	32.6	31.8	30.8	29.9	28.8	27.7	26.6
7.5°	50.8	50.4	50.0	49.5	48.9	48.2	47.4	46.5	45.5	44.1	42.4
10°	66.0	65.4	64.7	63.8	62.9	61.8	60.6	59.5	58.2	56.8	55.3
12.5°	81.4	80.9	80.3	79.4	78.4	77.0	75.5	73.8	71.9	69.9	67.7
15°	96.6	96.1	95.3	94.4	93.2	91.9	90.3	88.5	86.5	84.1	81.5
17.5°	112.4	111.7	110.8	109.8	108.5	106.9	105.1	103.0	100.7	98.1	95.3
20°	129.3	128.2	127.0	125.6	124.1	122.4	120.4	118.0	115.4	112.4	109.1
22.5°	146.0	144.2	142.4	140.6	139.0	137.1	135.1	132.9	130.6	127.1	123.4
25°	160.5	158.1	155.8	153.6	151.5	149.6	147.9	146.2	143.7	141.0	138.7
27.5°	176.3	172.3	168.2	164.7	162.1	159.7	157.8	155.9	154.6	153.2	150.2
30°	194.9	188.4	182.3	177.3	172.8	168.4	165.9	163.7	163.8	165.1	166.3
32.5°	218.4	207.6	199.1	191.6	184.2	178.7	177.2	176.7	177.7	178.4	179.6
35°	247.6	233.3	221.0	208.8	201.0	197.8	194.1	193.1	191.9	192.2	192.9
37.5°	281.5	263.8	246.8	237.4	229.0	220.9	215.6	210.9	208.1	206.6	206.3
40°	323.9	302.2	286.8	273.9	261.5	249.9	240.3	231.9	226.3	222.2	220.4
42.5°	376.4	355.6	334.8	316.9	299.8	283.6	268.3	257.1	246.6	240.0	235.5
45°	443.7	414.4	389.0	363.9	341.8	320.4	302.2	284.0	271.2	259.7	252.0
47.5°	513.1	479.8	447.1	415.3	387.5	361.4	337.9	317.0	297.0	282.5	271.0
50°	583.5	544.5	506.6	470.4	436.5	404.5	375.9	350.4	327.7	307.0	291.0
52.5°	662.2	612.6	566.0	524.6	485.3	449.4	415.3	385.6	360.0	334.2	322.1
55°	737.3	681.9	628.7	578.1	533.8	492.8	454.7	421.9	399.1	379.8	365.0
57.5°	811.5	747.1	688.9	633.4	581.5	535.9	500.7	469.7	443.2	422.7	407.3
60°	883.7	810.8	744.3	684.6	634.0	587.8	547.3	514.0	486.5	464.3	447.4
62.5°	960.2	870.1	800.2	742.3	689.1	636.9	592.9	556.4	526.8	502.8	485.0
65°	1029.7	941.4	858.0	796.0	740.3	686.5	635.6	594.5	564.1	540.1	522.1
67.5°	1096.3	1005.3	918.3	844.4	786.0	732.5	676.9	632.7	599.6	575.0	556.7
70°	1149.3	1059.9	971.4	887.4	826.7	772.7	718.2	667.9	631.6	607.0	589.1
72.5°	1197.7	1106.0	1011.9	927.6	860.4	807.9	755.9	701.3	660.9	636.8	619.6
75°	1231.7	1148.3	1046.9	957.5	887.3	837.9	784.6	726.2	685.1	660.9	645.7
77.5°	1259.6	1183.4	1076.9	984.5	910.9	852.4	797.5	742.9	702.8	681.8	669.8
80°	1280.0	1206.1	1109.5	1009.4	928.9	865.2	807.9	754.6	716.1	700.0	692.2
82.5°	1299.5	1225.9	1134.0	1028.9	942.6	876.1	815.6	761.9	725.9	716.3	713.3
85°	1313.1	1241.0	1150.2	1042.7	952.1	884.7	820.6	765.7	733.2	731.0	733.4
87.5°	1320.8	1254.1	1162.0	1053.7	959.3	892.3	824.3	767.2	738.8	744.9	752.9
90°	1322.5	1253.9	1158.8	1052.9	958.8	893.1	822.5	765.7	744.1	758.8	772.5
92.5°	1320.8	1254.1	1162.0	1053.7	959.3	892.3	824.3	767.2	738.8	744.9	752.9
95°	1313.1	1241.0	1150.2	1042.7	952.1	884.7	820.6	765.7	733.2	731.0	733.4
97.5°	1299.5	1225.9	1134.0	1028.9	942.6	876.1	815.6	761.9	725.9	716.3	713.3
100°	1280.0	1206.1	1109.5	1009.4	928.9	865.2	807.9	754.6	716.1	700.0	692.2
102.5°	1259.6	1183.4	1076.9	984.5	910.9	852.4	797.5	742.9	702.8	681.8	669.8
105°	1231.7	1148.3	1046.9	957.5	887.3	837.9	784.6	726.2	685.1	660.9	645.7
107.5°	1197.7	1106.0	1011.9	927.6	860.4	807.9	755.9	701.3	660.9	636.8	619.6
110°	1149.3	1059.9	971.4	887.4	826.7	772.7	718.2	667.9	631.6	607.0	589.1



TEST NUMBER: P231917

CATALOG NUMBER: FVS4WM-2-LD4-35-2HI-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°	1096.3	1005.3	918.3	844.4	786.0	732.5	676.9	632.7	599.6	575.0	556.7
115°	1029.7	941.4	858.0	796.0	740.3	686.5	635.6	594.5	564.1	540.1	522.1
117.5°	960.2	870.1	800.2	742.3	689.1	636.9	592.9	556.4	526.8	502.8	485.0
120°	883.7	810.8	744.3	684.6	634.0	587.8	547.3	514.0	486.5	464.3	447.4
122.5°	811.5	747.1	688.9	633.4	581.5	535.9	500.7	469.7	443.2	422.7	407.3
125°	737.3	681.9	628.7	578.1	533.8	492.8	454.7	421.9	399.1	379.8	365.0
127.5°	662.2	612.6	566.0	524.6	485.3	449.4	415.3	385.6	360.0	334.2	322.1
130°	583.5	544.5	506.6	470.4	436.5	404.5	375.9	350.4	327.7	307.0	291.0
132.5°	513.1	479.8	447.1	415.3	387.5	361.4	337.9	317.0	297.0	282.5	271.0
135°	443.7	414.4	389.0	363.9	341.8	320.4	302.2	284.0	271.2	259.7	252.0
137.5°	376.4	355.6	334.8	316.9	299.8	283.6	268.3	257.1	246.6	240.0	235.5
140°	323.9	302.2	286.8	273.9	261.5	249.9	240.3	231.9	226.3	222.2	220.4
142.5°	281.5	263.8	246.8	237.4	229.0	220.9	215.6	210.9	208.1	206.6	206.3
145°	247.6	233.3	221.0	208.8	201.0	197.8	194.1	193.1	191.9	192.2	192.9
147.5°	218.4	207.6	199.1	191.6	184.2	178.7	177.2	176.7	177.7	178.4	179.6
150°	194.9	188.4	182.3	177.3	172.8	168.4	165.9	163.7	163.8	165.1	166.3
152.5°	176.3	172.3	168.2	164.7	162.1	159.7	157.8	155.9	154.6	153.2	150.2
155°	160.5	158.1	155.8	153.6	151.5	149.6	147.9	146.2	143.7	141.0	138.7
157.5°	146.0	144.2	142.4	140.6	139.0	137.1	135.1	132.9	130.6	127.1	123.4
160°	129.3	128.2	127.0	125.6	124.1	122.4	120.4	118.0	115.4	112.4	109.1
162.5°	112.4	111.7	110.8	109.8	108.5	106.9	105.1	103.0	100.7	98.1	95.3
165°	96.6	96.1	95.3	94.4	93.2	91.9	90.3	88.5	86.5	84.1	81.5
167.5°	81.4	80.9	80.3	79.4	78.4	77.0	75.5	73.8	71.9	69.9	67.7
170°	66.0	65.4	64.7	63.8	62.9	61.8	60.6	59.5	58.2	56.8	55.3
172.5°	50.8	50.4	50.0	49.5	48.9	48.2	47.4	46.5	45.5	44.1	42.4
175°	35.3	34.7	34.1	33.4	32.6	31.8	30.8	29.9	28.8	27.7	26.6
177.5°	15.2	15.1	14.9	14.8	14.5	14.3	14.0	13.8	13.4	13.1	12.7
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P231917

CATALOG NUMBER: FVS4WM-2-LD4-35-2HI-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°	12.3	11.9	11.5	11.0	10.6	10.1	9.6	9.0	8.5	7.9	7.3
5°	25.4	24.1	22.8	21.9	21.0	20.0	19.0	17.9	16.9	15.7	14.6
7.5°	40.6	38.7	36.8	34.8	32.7	30.6	28.4	26.7	25.1	23.5	21.8
10°	53.7	52.0	50.3	47.5	44.8	42.1	39.3	36.4	33.4	31.1	28.9
12.5°	65.6	63.4	61.1	58.7	56.1	53.1	49.7	46.2	42.6	39.0	35.9
15°	78.7	75.7	72.9	69.5	66.3	63.0	59.5	55.6	51.4	47.2	43.0
17.5°	92.7	88.7	84.9	81.0	76.9	72.9	68.8	64.5	59.9	55.2	50.4
20°	105.6	101.8	97.7	93.1	88.2	83.2	78.3	73.2	68.0	62.8	57.6
22.5°	119.4	115.0	110.3	105.4	99.9	94.1	88.1	82.2	76.2	70.2	64.5
25°	133.5	128.6	123.3	117.6	113.0	108.0	102.6	97.0	91.4	85.6	80.1
27.5°	148.7	145.7	141.6	137.1	132.3	127.1	121.3	115.2	109.1	103.0	96.8
30°	165.5	164.0	161.0	156.3	151.2	145.7	139.8	133.3	127.0	120.1	113.5
32.5°	180.6	180.1	178.4	175.0	169.7	164.0	157.8	151.1	144.0	137.0	130.0
35°	193.8	194.7	194.0	192.2	187.7	182.0	175.5	169.0	161.1	153.6	146.4
37.5°	206.9	207.8	208.6	207.3	205.8	199.4	192.9	185.7	178.0	170.0	162.6
40°	220.1	220.7	221.5	221.8	220.3	216.4	210.0	202.6	194.7	186.4	178.6
42.5°	233.4	233.6	234.3	235.0	234.5	233.1	226.5	219.2	211.1	202.6	194.4
45°	248.1	246.2	247.0	247.8	248.3	247.1	242.7	235.7	227.3	218.6	210.0
47.5°	262.4	260.1	259.4	260.4	261.1	262.5	262.8	257.2	248.7	238.8	227.9
50°	280.6	275.6	282.4	290.1	294.5	295.4	293.9	285.9	274.7	261.4	247.2
52.5°	316.4	318.4	325.8	332.0	334.2	330.6	325.7	316.0	302.0	284.9	267.3
55°	358.0	360.4	367.9	376.1	376.4	368.7	359.2	347.2	330.3	309.3	288.0
57.5°	398.8	398.9	409.1	419.7	419.6	409.5	394.4	379.5	359.5	334.6	309.3
60°	436.6	435.7	448.3	461.4	464.4	452.7	431.0	412.5	389.1	360.6	331.1
62.5°	474.7	473.5	485.0	502.4	510.7	498.1	469.5	446.1	419.3	387.2	353.4
65°	511.1	509.2	519.2	542.7	558.0	543.1	510.4	480.6	450.0	414.4	375.9
67.5°	545.1	542.8	551.5	581.0	599.5	588.0	552.6	515.8	481.2	441.9	398.8
70°	577.4	576.4	586.9	615.0	632.6	618.9	577.5	531.8	492.0	449.5	403.9
72.5°	607.7	604.5	611.7	629.2	640.7	626.3	584.3	535.6	494.4	451.9	405.9
75°	634.6	629.9	635.6	647.2	651.4	634.1	590.4	539.1	496.4	453.8	407.4
77.5°	660.8	655.0	659.5	668.3	664.2	642.3	595.7	542.2	497.9	455.2	408.4
80°	686.2	679.9	683.6	691.9	678.5	650.5	600.2	544.8	498.9	456.1	409.0
82.5°	711.1	704.6	707.9	717.2	693.8	658.4	603.9	547.0	499.5	456.5	410.5
85°	735.5	729.2	732.4	743.5	709.6	668.0	608.6	550.0	500.5	457.4	409.6
87.5°	759.6	753.7	757.0	770.6	725.8	673.2	609.2	550.0	499.2	456.1	408.7
90°	783.3	778.4	782.3	796.1	740.2	678.4	609.8	550.0	498.0	454.9	407.8
92.5°	759.6	753.7	757.0	770.6	725.8	673.2	609.2	550.0	499.2	456.1	408.7
95°	735.5	729.2	732.4	743.5	709.6	668.0	608.6	550.0	500.5	457.4	409.6
97.5°	711.1	704.6	707.9	717.2	693.8	658.4	603.9	547.0	499.5	456.5	410.5
100°	686.2	679.9	683.6	691.9	678.5	650.5	600.2	544.8	498.9	456.1	409.0
102.5°	660.8	655.0	659.5	668.3	664.2	642.3	595.7	542.2	497.9	455.2	408.4
105°	634.6	629.9	635.6	647.2	651.4	634.1	590.4	539.1	496.4	453.8	407.4
107.5°	607.7	604.5	611.7	629.2	640.7	626.3	584.3	535.6	494.4	451.9	405.9
110°	577.4	576.4	586.9	615.0	632.6	618.9	577.5	531.8	492.0	449.5	403.9



TEST NUMBER: P231917

CATALOG NUMBER: FVS4WM-2-LD4-35-2HI-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
112.5°	545.1	542.8	551.5	581.0	599.5	588.0	552.6	515.8	481.2	441.9	398.8
115°	511.1	509.2	519.2	542.7	558.0	543.1	510.4	480.6	450.0	414.4	375.9
117.5°	474.7	473.5	485.0	502.4	510.7	498.1	469.5	446.1	419.3	387.2	353.4
120°	436.6	435.7	448.3	461.4	464.4	452.7	431.0	412.5	389.1	360.6	331.1
122.5°	398.8	398.9	409.1	419.7	419.6	409.5	394.4	379.5	359.5	334.6	309.3
125°	358.0	360.4	367.9	376.1	376.4	368.7	359.2	347.2	330.3	309.3	288.0
127.5°	316.4	318.4	325.8	332.0	334.2	330.6	325.7	316.0	302.0	284.9	267.3
130°	280.6	275.6	282.4	290.1	294.5	295.4	293.9	285.9	274.7	261.4	247.2
132.5°	262.4	260.1	259.4	260.4	261.1	262.5	262.8	257.2	248.7	238.8	227.9
135°	248.1	246.2	247.0	247.8	248.3	247.1	242.7	235.7	227.3	218.6	210.0
137.5°	233.4	233.6	234.3	235.0	234.5	233.1	226.5	219.2	211.1	202.6	194.4
140°	220.1	220.7	221.5	221.8	220.3	216.4	210.0	202.6	194.7	186.4	178.6
142.5°	206.9	207.8	208.6	207.3	205.8	199.4	192.9	185.7	178.0	170.0	162.6
145°	193.8	194.7	194.0	192.2	187.7	182.0	175.5	169.0	161.1	153.6	146.4
147.5°	180.6	180.1	178.4	175.0	169.7	164.0	157.8	151.1	144.0	137.0	130.0
150°	165.5	164.0	161.0	156.3	151.2	145.7	139.8	133.3	127.0	120.1	113.5
152.5°	148.7	145.7	141.6	137.1	132.3	127.1	121.3	115.2	109.1	103.0	96.8
155°	133.5	128.6	123.3	117.6	113.0	108.0	102.6	97.0	91.4	85.6	80.1
157.5°	119.4	115.0	110.3	105.4	99.9	94.1	88.1	82.2	76.2	70.2	64.5
160°	105.6	101.8	97.7	93.1	88.2	83.2	78.3	73.2	68.0	62.8	57.6
162.5°	92.7	88.7	84.9	81.0	76.9	72.9	68.8	64.5	59.9	55.2	50.4
165°	78.7	75.7	72.9	69.5	66.3	63.0	59.5	55.6	51.4	47.2	43.0
167.5°	65.6	63.4	61.1	58.7	56.1	53.1	49.7	46.2	42.6	39.0	35.9
170°	53.7	52.0	50.3	47.5	44.8	42.1	39.3	36.4	33.4	31.1	28.9
172.5°	40.6	38.7	36.8	34.8	32.7	30.6	28.4	26.7	25.1	23.5	21.8
175°	25.4	24.1	22.8	21.9	21.0	20.0	19.0	17.9	16.9	15.7	14.6
177.5°	12.3	11.9	11.5	11.0	10.6	10.1	9.6	9.0	8.5	7.9	7.3
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: P231917

CATALOG NUMBER: FVS4WM-2-LD4-35-2HI-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°	6.7	6.1	5.5	4.9	4.9	4.8	4.8	4.8	4.7	4.6	4.5
5°	13.4	12.2	11.0	9.8	9.7	9.6	9.5	9.4	9.2	9.0	8.9
7.5°	20.1	18.3	16.5	14.7	14.5	14.3	14.1	13.8	13.5	13.2	12.9
10°	26.6	24.3	22.0	19.6	19.3	18.9	18.5	18.1	17.7	17.3	17.0
12.5°	33.1	30.3	27.4	24.5	24.0	23.5	22.9	22.3	21.8	21.4	21.1
15°	39.6	36.2	32.8	29.4	28.7	28.0	27.2	26.4	26.0	25.6	25.1
17.5°	45.9	42.1	38.2	34.3	33.4	32.4	31.3	30.7	30.2	29.7	29.1
20°	52.3	48.0	43.6	39.2	38.0	36.7	35.5	34.9	34.3	33.7	33.0
22.5°	58.8	53.7	49.0	44.1	42.6	41.0	39.7	39.1	38.5	37.7	36.9
25°	74.5	69.0	63.8	58.4	56.1	53.7	51.9	50.4	48.7	46.9	45.0
27.5°	90.7	84.5	78.7	72.6	69.7	66.6	64.4	62.3	60.1	57.7	55.2
30°	106.9	100.1	93.6	86.9	83.2	79.2	76.7	74.0	71.1	68.1	65.0
32.5°	123.0	115.8	108.6	101.2	96.6	92.0	88.8	85.4	81.8	78.1	74.2
35°	139.0	131.4	123.5	115.4	109.9	104.7	100.7	96.6	92.3	87.7	82.9
37.5°	154.9	146.9	138.5	129.7	123.2	117.2	112.4	107.5	102.6	96.8	91.5
40°	170.8	162.4	153.5	144.0	136.4	129.7	124.0	118.2	112.1	105.6	99.7
42.5°	186.5	177.9	168.5	158.2	149.6	142.0	135.6	128.7	121.5	114.3	107.7
45°	202.1	193.3	183.4	172.5	162.7	154.2	146.7	139.0	130.6	122.5	115.3
47.5°	217.5	206.6	194.9	182.2	170.3	160.4	151.7	143.3	134.8	127.2	119.9
50°	233.5	220.1	206.5	191.9	177.8	166.2	155.9	146.1	137.1	129.7	121.8
52.5°	250.0	233.7	218.1	201.6	185.2	171.8	159.9	149.0	139.3	132.3	124.1
55°	266.9	247.5	229.8	211.3	192.5	177.2	163.7	151.8	142.0	135.0	126.8
57.5°	284.3	261.4	241.5	221.0	199.7	182.5	167.4	154.7	144.9	137.9	130.1
60°	302.1	275.5	253.3	230.7	206.9	187.7	171.0	157.6	147.9	141.0	134.0
62.5°	320.2	289.6	265.1	240.4	214.0	192.8	174.5	160.5	151.1	144.4	137.9
65°	338.6	303.9	276.9	250.1	221.0	197.9	178.0	163.4	154.4	148.1	142.4
67.5°	357.1	318.2	288.7	259.8	228.1	202.9	181.4	166.5	157.8	152.0	147.2
70°	361.5	321.5	290.0	259.3	226.6	201.5	180.1	165.7	157.4	152.1	148.3
72.5°	364.5	324.5	291.1	258.7	225.2	200.1	178.7	164.6	156.1	150.7	147.1
75°	367.2	327.5	293.5	258.2	223.8	198.8	177.4	163.6	154.8	149.3	146.1
77.5°	369.6	330.4	294.2	257.6	222.4	197.6	176.3	162.7	153.6	148.0	145.1
80°	371.7	334.4	295.0	257.1	221.2	196.5	175.3	161.9	152.3	146.7	144.2
82.5°	374.4	336.5	295.7	256.5	220.0	195.5	174.4	161.2	151.1	145.5	143.4
85°	375.4	338.7	296.5	256.0	218.8	194.6	173.6	160.7	150.0	144.4	142.6
87.5°	376.4	340.9	297.2	255.4	217.7	193.8	173.0	160.2	149.0	143.2	141.9
90°	377.4	343.1	298.0	254.9	216.7	193.1	172.5	159.8	148.0	142.2	141.2
92.5°	376.4	340.9	297.2	255.4	217.7	193.8	173.0	160.2	149.0	143.2	141.9
95°	375.4	338.7	296.5	256.0	218.8	194.6	173.6	160.7	150.0	144.4	142.6
97.5°	374.4	336.5	295.7	256.5	220.0	195.5	174.4	161.2	151.1	145.5	143.4
100°	371.7	334.4	295.0	257.1	221.2	196.5	175.3	161.9	152.3	146.7	144.2
102.5°	369.6	330.4	294.2	257.6	222.4	197.6	176.3	162.7	153.6	148.0	145.1
105°	367.2	327.5	293.5	258.2	223.8	198.8	177.4	163.6	154.8	149.3	146.1
107.5°	364.5	324.5	291.1	258.7	225.2	200.1	178.7	164.6	156.1	150.7	147.1
110°	361.5	321.5	290.0	259.3	226.6	201.5	180.1	165.7	157.4	152.1	148.3



TEST NUMBER: P231917

CATALOG NUMBER: FVS4WM-2-LD4-35-2HI-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°	357.1	318.2	288.7	259.8	228.1	202.9	181.4	166.5	157.8	152.0	147.2
115°	338.6	303.9	276.9	250.1	221.0	197.9	178.0	163.4	154.4	148.1	142.4
117.5°	320.2	289.6	265.1	240.4	214.0	192.8	174.5	160.5	151.1	144.4	137.9
120°	302.1	275.5	253.3	230.7	206.9	187.7	171.0	157.6	147.9	141.0	134.0
122.5°	284.3	261.4	241.5	221.0	199.7	182.5	167.4	154.7	144.9	137.9	130.1
125°	266.9	247.5	229.8	211.3	192.5	177.2	163.7	151.8	142.0	135.0	126.8
127.5°	250.0	233.7	218.1	201.6	185.2	171.8	159.9	149.0	139.3	132.3	124.1
130°	233.5	220.1	206.5	191.9	177.8	166.2	155.9	146.1	137.1	129.7	121.8
132.5°	217.5	206.6	194.9	182.2	170.3	160.4	151.7	143.3	134.8	127.2	119.9
135°	202.1	193.3	183.4	172.5	162.7	154.2	146.7	139.0	130.6	122.5	115.3
137.5°	186.5	177.9	168.5	158.2	149.6	142.0	135.6	128.7	121.5	114.3	107.7
140°	170.8	162.4	153.5	144.0	136.4	129.7	124.0	118.2	112.1	105.6	99.7
142.5°	154.9	146.9	138.5	129.7	123.2	117.2	112.4	107.5	102.6	96.8	91.5
145°	139.0	131.4	123.5	115.4	109.9	104.7	100.7	96.6	92.3	87.7	82.9
147.5°	123.0	115.8	108.6	101.2	96.6	92.0	88.8	85.4	81.8	78.1	74.2
150°	106.9	100.1	93.6	86.9	83.2	79.2	76.7	74.0	71.1	68.1	65.0
152.5°	90.7	84.5	78.7	72.6	69.7	66.6	64.4	62.3	60.1	57.7	55.2
155°	74.5	69.0	63.8	58.4	56.1	53.7	51.9	50.4	48.7	46.9	45.0
157.5°	58.8	53.7	49.0	44.1	42.6	41.0	39.7	39.1	38.5	37.7	36.9
160°	52.3	48.0	43.6	39.2	38.0	36.7	35.5	34.9	34.3	33.7	33.0
162.5°	45.9	42.1	38.2	34.3	33.4	32.4	31.3	30.7	30.2	29.7	29.1
165°	39.6	36.2	32.8	29.4	28.7	28.0	27.2	26.4	26.0	25.6	25.1
167.5°	33.1	30.3	27.4	24.5	24.0	23.5	22.9	22.3	21.8	21.4	21.1
170°	26.6	24.3	22.0	19.6	19.3	18.9	18.5	18.1	17.7	17.3	17.0
172.5°	20.1	18.3	16.5	14.7	14.5	14.3	14.1	13.8	13.5	13.2	12.9
175°	13.4	12.2	11.0	9.8	9.7	9.6	9.5	9.4	9.2	9.0	8.9
177.5°	6.7	6.1	5.5	4.9	4.9	4.8	4.8	4.8	4.7	4.6	4.5
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: P231917

CATALOG NUMBER: FVS4WM-2-LD4-35-2HI-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°	4.5	4.4	4.3	4.2	4.1	3.9	3.8	3.7	3.5	3.4	3.2
5°	8.7	8.4	8.2	8.0	7.7	7.5	7.3	7.1	6.8	6.5	6.3
7.5°	12.6	12.3	12.1	11.8	11.5	11.1	10.8	10.4	10.1	9.7	9.2
10°	16.7	16.3	15.9	15.6	15.1	14.7	14.2	13.7	13.2	12.7	12.1
12.5°	20.7	20.2	19.7	19.2	18.7	18.1	17.5	16.9	16.3	15.6	14.9
15°	24.6	24.1	23.5	22.8	22.2	21.5	20.8	20.1	19.3	18.5	17.7
17.5°	28.5	27.8	27.1	26.4	25.6	24.9	24.0	23.1	22.2	21.3	20.3
20°	32.3	31.6	30.8	29.9	29.0	28.1	27.1	26.1	25.1	24.0	22.9
22.5°	36.1	35.2	34.3	33.4	32.4	31.3	30.2	29.0	27.9	26.6	25.4
25°	43.0	40.9	38.8	36.8	35.6	34.4	33.2	31.9	30.6	29.2	27.9
27.5°	52.6	50.0	47.5	44.9	42.2	39.5	37.0	34.7	33.2	31.8	30.2
30°	61.7	58.7	55.6	52.2	48.9	45.7	42.7	39.8	37.2	34.7	32.3
32.5°	70.4	66.8	62.8	58.7	54.7	50.9	47.4	44.2	41.2	38.1	35.1
35°	78.7	74.3	69.2	64.2	59.6	55.3	51.5	47.8	44.3	40.9	38.0
37.5°	86.6	80.8	74.8	69.1	63.8	59.2	54.8	50.7	46.9	43.5	40.4
40°	93.9	86.7	79.8	73.3	67.7	62.4	57.7	53.3	49.2	45.6	42.4
42.5°	100.2	91.9	84.2	77.1	70.9	65.4	60.2	55.4	51.2	47.5	44.2
45°	106.0	96.7	88.0	80.6	73.9	67.9	62.3	57.3	53.0	49.2	45.6
47.5°	110.3	100.9	91.7	83.5	76.7	70.2	64.0	59.1	54.7	50.6	46.8
50°	112.4	103.4	94.9	86.9	79.6	72.1	66.0	60.7	56.2	51.8	47.7
52.5°	115.3	106.7	98.2	90.5	83.0	75.7	69.6	63.5	57.4	52.7	48.2
55°	118.7	110.4	102.0	94.4	86.8	80.3	74.5	68.6	62.0	55.3	48.9
57.5°	122.6	114.4	106.2	98.5	90.9	85.4	79.9	73.5	66.4	59.1	52.2
60°	126.9	118.7	110.6	102.9	96.2	91.1	85.7	78.3	70.4	62.6	55.3
62.5°	131.6	123.2	115.2	107.6	101.9	97.1	91.1	83.0	74.2	66.0	58.3
65°	136.3	128.0	120.1	112.5	108.0	103.4	96.3	87.3	78.0	69.3	60.8
67.5°	141.2	133.0	125.1	118.1	114.5	110.0	101.5	91.5	81.7	72.3	63.5
70°	143.0	136.0	129.2	124.0	121.1	116.2	106.6	95.6	85.5	75.1	66.0
72.5°	142.1	135.7	129.3	124.8	122.0	117.2	108.5	98.6	88.9	77.9	68.6
75°	141.4	135.6	129.6	125.5	122.1	116.4	107.9	98.4	88.4	78.4	69.9
77.5°	140.9	135.8	130.2	126.1	122.3	116.1	107.8	98.5	88.2	78.6	70.4
80°	140.7	136.1	130.9	126.7	122.4	116.0	108.3	98.9	88.3	79.2	71.2
82.5°	140.7	136.7	131.8	127.3	122.5	116.3	109.1	99.6	88.9	80.2	72.5
85°	140.8	137.4	132.8	127.9	122.8	116.9	110.4	100.7	89.9	81.5	74.1
87.5°	141.0	138.3	134.0	128.6	123.1	117.6	111.9	102.1	91.3	83.2	76.1
90°	141.2	139.2	135.3	129.4	123.5	118.6	113.7	103.9	93.1	85.3	78.4
92.5°	141.0	138.3	134.0	128.6	123.1	117.6	111.9	102.1	91.3	83.2	76.1
95°	140.8	137.4	132.8	127.9	122.8	116.9	110.4	100.7	89.9	81.5	74.1
97.5°	140.7	136.7	131.8	127.3	122.5	116.3	109.1	99.6	88.9	80.2	72.5
100°	140.7	136.1	130.9	126.7	122.4	116.0	108.3	98.9	88.3	79.2	71.2
102.5°	140.9	135.8	130.2	126.1	122.3	116.1	107.8	98.5	88.2	78.6	70.4
105°	141.4	135.6	129.6	125.5	122.1	116.4	107.9	98.4	88.4	78.4	69.9
107.5°	142.1	135.7	129.3	124.8	122.0	117.2	108.5	98.6	88.9	77.9	68.6
110°	143.0	136.0	129.2	124.0	121.1	116.2	106.6	95.6	85.5	75.1	66.0



TEST NUMBER: P231917

CATALOG NUMBER: FVS4WM-2-LD4-35-2HI-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
112.5°	141.2	133.0	125.1	118.1	114.5	110.0	101.5	91.5	81.7	72.3	63.5
115°	136.3	128.0	120.1	112.5	108.0	103.4	96.3	87.3	78.0	69.3	60.8
117.5°	131.6	123.2	115.2	107.6	101.9	97.1	91.1	83.0	74.2	66.0	58.3
120°	126.9	118.7	110.6	102.9	96.2	91.1	85.7	78.3	70.4	62.6	55.3
122.5°	122.6	114.4	106.2	98.5	90.9	85.4	79.9	73.5	66.4	59.1	52.2
125°	118.7	110.4	102.0	94.4	86.8	80.3	74.5	68.6	62.0	55.3	48.9
127.5°	115.3	106.7	98.2	90.5	83.0	75.7	69.6	63.5	57.4	52.7	48.2
130°	112.4	103.4	94.9	86.9	79.6	72.1	66.0	60.7	56.2	51.8	47.7
132.5°	110.3	100.9	91.7	83.5	76.7	70.2	64.0	59.1	54.7	50.6	46.8
135°	106.0	96.7	88.0	80.6	73.9	67.9	62.3	57.3	53.0	49.2	45.6
137.5°	100.2	91.9	84.2	77.1	70.9	65.4	60.2	55.4	51.2	47.5	44.2
140°	93.9	86.7	79.8	73.3	67.7	62.4	57.7	53.3	49.2	45.6	42.4
142.5°	86.6	80.8	74.8	69.1	63.8	59.2	54.8	50.7	46.9	43.5	40.4
145°	78.7	74.3	69.2	64.2	59.6	55.3	51.5	47.8	44.3	40.9	38.0
147.5°	70.4	66.8	62.8	58.7	54.7	50.9	47.4	44.2	41.2	38.1	35.1
150°	61.7	58.7	55.6	52.2	48.9	45.7	42.7	39.8	37.2	34.7	32.3
152.5°	52.6	50.0	47.5	44.9	42.2	39.5	37.0	34.7	33.2	31.8	30.2
155°	43.0	40.9	38.8	36.8	35.6	34.4	33.2	31.9	30.6	29.2	27.9
157.5°	36.1	35.2	34.3	33.4	32.4	31.3	30.2	29.0	27.9	26.6	25.4
160°	32.3	31.6	30.8	29.9	29.0	28.1	27.1	26.1	25.1	24.0	22.9
162.5°	28.5	27.8	27.1	26.4	25.6	24.9	24.0	23.1	22.2	21.3	20.3
165°	24.6	24.1	23.5	22.8	22.2	21.5	20.8	20.1	19.3	18.5	17.7
167.5°	20.7	20.2	19.7	19.2	18.7	18.1	17.5	16.9	16.3	15.6	14.9
170°	16.7	16.3	15.9	15.6	15.1	14.7	14.2	13.7	13.2	12.7	12.1
172.5°	12.6	12.3	12.1	11.8	11.5	11.1	10.8	10.4	10.1	9.7	9.2
175°	8.7	8.4	8.2	8.0	7.7	7.5	7.3	7.1	6.8	6.5	6.3
177.5°	4.5	4.4	4.3	4.2	4.1	3.9	3.8	3.7	3.5	3.4	3.2
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: P231917

CATALOG NUMBER: FVS4WM-2-LD4-35-2HI-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°	3.1	2.9	2.8	2.6	2.4	2.3	2.1	1.9	1.7	1.5	1.3
5°	6.0	5.7	5.4	5.1	4.7	4.4	4.1	3.7	3.4	3.0	2.6
7.5°	8.8	8.4	7.9	7.4	7.0	6.5	6.0	5.4	4.9	4.4	3.9
10°	11.6	11.0	10.4	9.7	9.1	8.5	7.8	7.1	6.4	5.8	5.1
12.5°	14.2	13.5	12.8	12.0	11.2	10.4	9.6	8.7	7.9	7.1	6.2
15°	16.8	16.0	15.1	14.1	13.2	12.2	11.3	10.3	9.3	8.3	7.3
17.5°	19.3	18.3	17.3	16.2	15.1	14.1	12.9	11.8	10.7	9.5	8.3
20°	21.8	20.6	19.4	18.2	17.0	15.8	14.5	13.2	12.0	10.7	9.4
22.5°	24.1	22.8	21.5	20.2	18.8	17.5	16.1	14.6	13.1	11.6	10.2
25°	26.5	25.0	23.6	22.0	20.4	18.8	17.2	15.6	14.0	12.5	11.0
27.5°	28.7	26.9	25.1	23.4	21.7	20.1	18.5	16.8	15.2	13.5	11.8
30°	30.4	28.4	26.7	25.0	23.3	21.6	19.8	18.1	16.3	14.5	12.7
32.5°	32.6	30.4	28.6	26.7	24.9	23.0	21.1	19.3	17.4	15.5	13.5
35°	35.3	32.8	30.5	28.4	26.4	24.4	22.4	20.5	18.5	16.4	14.4
37.5°	37.6	34.9	32.5	30.1	28.0	25.9	23.8	21.6	19.5	17.3	15.2
40°	39.4	36.7	34.1	31.7	29.4	27.3	25.0	22.8	20.5	18.2	16.0
42.5°	41.0	38.1	35.4	32.8	30.4	28.2	26.2	23.9	21.5	19.1	16.7
45°	42.3	39.2	36.2	33.5	31.0	28.7	26.7	24.8	22.2	19.5	16.8
47.5°	43.2	39.8	36.7	33.8	31.3	29.0	26.7	24.4	22.3	19.5	16.8
50°	43.8	40.1	36.7	33.9	31.3	28.6	26.1	23.9	21.7	19.9	17.4
52.5°	44.0	40.0	36.8	33.8	30.8	28.1	25.7	23.7	21.9	19.8	17.4
55°	43.9	40.1	36.7	33.3	30.4	27.8	25.8	23.7	21.3	19.1	16.9
57.5°	45.9	40.3	36.3	33.1	30.3	28.2	25.7	23.1	21.0	18.8	16.7
60°	48.7	42.7	37.4	33.1	30.7	28.0	25.3	23.3	21.1	18.9	16.6
62.5°	51.2	44.9	39.6	35.2	31.2	27.8	26.0	23.7	21.3	18.7	16.1
65°	53.5	47.2	41.7	36.9	32.3	29.3	26.6	24.0	21.3	18.4	15.5
67.5°	55.8	49.2	43.3	38.2	33.9	30.5	27.3	24.3	21.2	18.0	14.8
70°	58.1	51.0	44.8	39.4	35.2	31.2	27.6	24.1	20.7	17.5	14.1
72.5°	60.3	52.7	46.3	40.8	36.0	31.7	27.7	23.4	19.8	16.7	13.5
75°	62.0	54.2	47.8	41.8	36.7	32.0	27.2	22.7	18.8	15.3	11.7
77.5°	62.5	55.1	48.6	42.6	37.4	32.2	26.5	21.9	17.6	13.5	9.9
80°	63.3	56.0	49.3	43.1	37.5	31.8	26.1	21.1	16.4	11.9	7.9
82.5°	64.6	57.2	50.2	43.7	37.7	31.6	25.9	20.5	15.3	10.4	6.2
85°	66.2	58.7	51.4	44.5	38.2	31.7	26.0	20.1	14.3	9.0	5.0
87.5°	68.2	60.5	53.0	45.6	39.0	32.3	26.5	20.1	13.7	8.1	4.2
90°	70.6	62.7	54.9	47.1	40.2	33.3	27.5	20.6	13.7	7.8	3.9
92.5°	68.2	60.5	53.0	45.6	39.0	32.3	26.5	20.1	13.7	8.1	4.2
95°	66.2	58.7	51.4	44.5	38.2	31.7	26.0	20.1	14.3	9.0	5.0
97.5°	64.6	57.2	50.2	43.7	37.7	31.6	25.9	20.5	15.3	10.4	6.2
100°	63.3	56.0	49.3	43.1	37.5	31.8	26.1	21.1	16.4	11.9	7.9
102.5°	62.5	55.1	48.6	42.6	37.4	32.2	26.5	21.9	17.6	13.5	9.9
105°	62.0	54.2	47.8	41.8	36.7	32.0	27.2	22.7	18.8	15.3	11.7
107.5°	60.3	52.7	46.3	40.8	36.0	31.7	27.7	23.4	19.8	16.7	13.5
110°	58.1	51.0	44.8	39.4	35.2	31.2	27.6	24.1	20.7	17.5	14.1



TEST NUMBER: P231917

CATALOG NUMBER: FVS4WM-2-LD4-35-2HI-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°	55.8	49.2	43.3	38.2	33.9	30.5	27.3	24.3	21.2	18.0	14.8
115°	53.5	47.2	41.7	36.9	32.3	29.3	26.6	24.0	21.3	18.4	15.5
117.5°	51.2	44.9	39.6	35.2	31.2	27.8	26.0	23.7	21.3	18.7	16.1
120°	48.7	42.7	37.4	33.1	30.7	28.0	25.3	23.3	21.1	18.9	16.6
122.5°	45.9	40.3	36.3	33.1	30.3	28.2	25.7	23.1	21.0	18.8	16.7
125°	43.9	40.1	36.7	33.3	30.4	27.8	25.8	23.7	21.3	19.1	16.9
127.5°	44.0	40.0	36.8	33.8	30.8	28.1	25.7	23.7	21.9	19.8	17.4
130°	43.8	40.1	36.7	33.9	31.3	28.6	26.1	23.9	21.7	19.9	17.4
132.5°	43.2	39.8	36.7	33.8	31.3	29.0	26.7	24.4	22.3	19.5	16.8
135°	42.3	39.2	36.2	33.5	31.0	28.7	26.7	24.8	22.2	19.5	16.8
137.5°	41.0	38.1	35.4	32.8	30.4	28.2	26.2	23.9	21.5	19.1	16.7
140°	39.4	36.7	34.1	31.7	29.4	27.3	25.0	22.8	20.5	18.2	16.0
142.5°	37.6	34.9	32.5	30.1	28.0	25.9	23.8	21.6	19.5	17.3	15.2
145°	35.3	32.8	30.5	28.4	26.4	24.4	22.4	20.5	18.5	16.4	14.4
147.5°	32.6	30.4	28.6	26.7	24.9	23.0	21.1	19.3	17.4	15.5	13.5
150°	30.4	28.4	26.7	25.0	23.3	21.6	19.8	18.1	16.3	14.5	12.7
152.5°	28.7	26.9	25.1	23.4	21.7	20.1	18.5	16.8	15.2	13.5	11.8
155°	26.5	25.0	23.6	22.0	20.4	18.8	17.2	15.6	14.0	12.5	11.0
157.5°	24.1	22.8	21.5	20.2	18.8	17.5	16.1	14.6	13.1	11.6	10.2
160°	21.8	20.6	19.4	18.2	17.0	15.8	14.5	13.2	12.0	10.7	9.4
162.5°	19.3	18.3	17.3	16.2	15.1	14.1	12.9	11.8	10.7	9.5	8.3
165°	16.8	16.0	15.1	14.1	13.2	12.2	11.3	10.3	9.3	8.3	7.3
167.5°	14.2	13.5	12.8	12.0	11.2	10.4	9.6	8.7	7.9	7.1	6.2
170°	11.6	11.0	10.4	9.7	9.1	8.5	7.8	7.1	6.4	5.8	5.1
172.5°	8.8	8.4	7.9	7.4	7.0	6.5	6.0	5.4	4.9	4.4	3.9
175°	6.0	5.7	5.4	5.1	4.7	4.4	4.1	3.7	3.4	3.0	2.6
177.5°	3.1	2.9	2.8	2.6	2.4	2.3	2.1	1.9	1.7	1.5	1.3
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: P231917

CATALOG NUMBER: FVS4WM-2-LD4-35-2HI-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°	1.2	1.0	0.8	0.6	0.4	0.2	0.0	0.2	0.4	0.6	0.8
5°	2.3	1.9	1.5	1.1	0.8	0.4	0.0	0.4	0.8	1.1	1.5
7.5°	3.3	2.8	2.2	1.7	1.1	0.6	0.0	0.6	1.1	1.7	2.2
10°	4.3	3.6	2.9	2.2	1.5	0.7	0.0	0.7	1.5	2.2	2.9
12.5°	5.3	4.4	3.6	2.7	1.8	0.9	0.0	0.9	1.8	2.7	3.6
15°	6.3	5.2	4.2	3.1	2.1	1.1	0.0	1.1	2.1	3.1	4.2
17.5°	7.2	6.0	4.8	3.6	2.4	1.2	0.0	1.2	2.4	3.6	4.8
20°	8.0	6.7	5.4	4.0	2.7	1.3	0.0	1.3	2.7	4.0	5.4
22.5°	8.7	7.2	5.8	4.3	2.9	1.4	0.0	1.4	2.9	4.3	5.8
25°	9.4	7.9	6.3	4.7	3.1	1.6	0.0	1.6	3.1	4.7	6.3
27.5°	10.2	8.5	6.8	5.1	3.4	1.7	0.0	1.7	3.4	5.1	6.8
30°	10.9	9.1	7.3	5.5	3.6	1.8	0.0	1.8	3.6	5.5	7.3
32.5°	11.6	9.7	7.8	5.8	3.9	1.9	0.0	1.9	3.9	5.8	7.8
35°	12.3	10.3	8.2	6.2	4.1	2.1	0.0	2.1	4.1	6.2	8.2
37.5°	13.0	10.9	8.7	6.5	4.3	2.2	0.0	2.2	4.3	6.5	8.7
40°	13.7	11.4	9.1	6.9	4.6	2.3	0.0	2.3	4.6	6.9	9.1
42.5°	14.2	11.7	9.3	6.9	4.6	2.3	0.0	2.3	4.6	6.9	9.3
45°	14.2	11.7	9.3	6.9	4.6	2.3	0.0	2.3	4.6	6.9	9.3
47.5°	14.3	11.9	9.5	7.1	4.8	2.4	0.0	2.4	4.8	7.1	9.5
50°	14.8	12.1	9.6	7.1	4.7	2.3	0.0	2.3	4.7	7.1	9.6
52.5°	14.6	11.9	9.4	6.9	4.6	2.3	0.0	2.3	4.6	6.9	9.4
55°	14.3	11.8	9.4	7.0	4.7	2.3	0.0	2.3	4.7	7.0	9.4
57.5°	14.6	12.0	9.5	7.2	5.1	3.0	1.0	3.0	5.1	7.2	9.5
60°	14.1	11.5	9.1	6.9	4.8	2.9	1.0	2.9	4.8	6.9	9.1
62.5°	13.4	10.8	8.5	6.3	4.4	2.7	1.0	2.7	4.4	6.3	8.5
65°	12.6	10.0	7.3	5.2	3.6	2.2	1.0	2.2	3.6	5.2	7.3
67.5°	11.7	8.6	5.6	4.0	2.8	1.8	1.0	1.8	2.8	4.0	5.6
70°	10.7	7.4	4.6	2.7	1.9	1.3	1.0	1.3	1.9	2.7	4.6
72.5°	9.6	6.5	3.7	1.6	1.2	1.0	1.0	1.0	1.2	1.6	3.7
75°	8.8	5.7	3.2	1.5	1.0	1.0	1.0	1.0	1.0	1.5	3.2
77.5°	7.1	4.9	2.5	1.1	0.4	0.1	0.0	0.1	0.4	1.1	2.5
80°	5.0	2.7	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3
82.5°	3.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.3	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°	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	3.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	5.0	2.7	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3
102.5°	7.1	4.9	2.5	1.1	0.4	0.1	0.0	0.1	0.4	1.1	2.5
105°	8.8	5.7	3.2	1.5	1.0	1.0	1.0	1.0	1.0	1.5	3.2
107.5°	9.6	6.5	3.7	1.6	1.2	1.0	1.0	1.0	1.2	1.6	3.7
110°	10.7	7.4	4.6	2.7	1.9	1.3	1.0	1.3	1.9	2.7	4.6



TEST NUMBER: P231917

CATALOG NUMBER: FVS4WM-2-LD4-35-2HI-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
112.5°	11.7	8.6	5.6	4.0	2.8	1.8	1.0	1.8	2.8	4.0	5.6
115°	12.6	10.0	7.3	5.2	3.6	2.2	1.0	2.2	3.6	5.2	7.3
117.5°	13.4	10.8	8.5	6.3	4.4	2.7	1.0	2.7	4.4	6.3	8.5
120°	14.1	11.5	9.1	6.9	4.8	2.9	1.0	2.9	4.8	6.9	9.1
122.5°	14.6	12.0	9.5	7.2	5.1	3.0	1.0	3.0	5.1	7.2	9.5
125°	14.3	11.8	9.4	7.0	4.7	2.3	0.0	2.3	4.7	7.0	9.4
127.5°	14.6	11.9	9.4	6.9	4.6	2.3	0.0	2.3	4.6	6.9	9.4
130°	14.8	12.1	9.6	7.1	4.7	2.3	0.0	2.3	4.7	7.1	9.6
132.5°	14.3	11.9	9.5	7.1	4.8	2.4	0.0	2.4	4.8	7.1	9.5
135°	14.2	11.7	9.3	6.9	4.6	2.3	0.0	2.3	4.6	6.9	9.3
137.5°	14.2	11.7	9.3	6.9	4.6	2.3	0.0	2.3	4.6	6.9	9.3
140°	13.7	11.4	9.1	6.9	4.6	2.3	0.0	2.3	4.6	6.9	9.1
142.5°	13.0	10.9	8.7	6.5	4.3	2.2	0.0	2.2	4.3	6.5	8.7
145°	12.3	10.3	8.2	6.2	4.1	2.1	0.0	2.1	4.1	6.2	8.2
147.5°	11.6	9.7	7.8	5.8	3.9	1.9	0.0	1.9	3.9	5.8	7.8
150°	10.9	9.1	7.3	5.5	3.6	1.8	0.0	1.8	3.6	5.5	7.3
152.5°	10.2	8.5	6.8	5.1	3.4	1.7	0.0	1.7	3.4	5.1	6.8
155°	9.4	7.9	6.3	4.7	3.1	1.6	0.0	1.6	3.1	4.7	6.3
157.5°	8.7	7.2	5.8	4.3	2.9	1.4	0.0	1.4	2.9	4.3	5.8
160°	8.0	6.7	5.4	4.0	2.7	1.3	0.0	1.3	2.7	4.0	5.4
162.5°	7.2	6.0	4.8	3.6	2.4	1.2	0.0	1.2	2.4	3.6	4.8
165°	6.3	5.2	4.2	3.1	2.1	1.1	0.0	1.1	2.1	3.1	4.2
167.5°	5.3	4.4	3.6	2.7	1.8	0.9	0.0	0.9	1.8	2.7	3.6
170°	4.3	3.6	2.9	2.2	1.5	0.7	0.0	0.7	1.5	2.2	2.9
172.5°	3.3	2.8	2.2	1.7	1.1	0.6	0.0	0.6	1.1	1.7	2.2
175°	2.3	1.9	1.5	1.1	0.8	0.4	0.0	0.4	0.8	1.1	1.5
177.5°	1.2	1.0	0.8	0.6	0.4	0.2	0.0	0.2	0.4	0.6	0.8
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: P231917

CATALOG NUMBER: FVS4WM-2-LD4-35-2HI-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°	1.0	1.2	1.3	1.5	1.7	1.9	2.1	2.3	2.4	2.6	2.8
5°	1.9	2.3	2.6	3.0	3.4	3.7	4.1	4.4	4.7	5.1	5.4
7.5°	2.8	3.3	3.9	4.4	4.9	5.4	6.0	6.5	7.0	7.4	7.9
10°	3.6	4.3	5.1	5.8	6.4	7.1	7.8	8.5	9.1	9.7	10.4
12.5°	4.4	5.3	6.2	7.1	7.9	8.7	9.6	10.4	11.2	12.0	12.8
15°	5.2	6.3	7.3	8.3	9.3	10.3	11.3	12.2	13.2	14.1	15.1
17.5°	6.0	7.2	8.3	9.5	10.7	11.8	12.9	14.1	15.1	16.2	17.3
20°	6.7	8.0	9.4	10.7	12.0	13.2	14.5	15.8	17.0	18.2	19.4
22.5°	7.2	8.7	10.2	11.6	13.1	14.6	16.1	17.5	18.8	20.2	21.5
25°	7.9	9.4	11.0	12.5	14.0	15.6	17.2	18.8	20.4	22.0	23.6
27.5°	8.5	10.2	11.8	13.5	15.2	16.8	18.5	20.1	21.7	23.4	25.1
30°	9.1	10.9	12.7	14.5	16.3	18.1	19.8	21.6	23.3	25.0	26.7
32.5°	9.7	11.6	13.5	15.5	17.4	19.3	21.1	23.0	24.9	26.7	28.6
35°	10.3	12.3	14.4	16.4	18.5	20.5	22.4	24.4	26.4	28.4	30.5
37.5°	10.9	13.0	15.2	17.3	19.5	21.6	23.8	25.9	28.0	30.1	32.5
40°	11.4	13.7	16.0	18.2	20.5	22.8	25.0	27.3	29.4	31.7	34.1
42.5°	11.7	14.2	16.7	19.1	21.5	23.9	26.2	28.2	30.4	32.8	35.4
45°	11.7	14.2	16.8	19.5	22.2	24.8	26.7	28.7	31.0	33.5	36.2
47.5°	11.9	14.3	16.8	19.5	22.3	24.4	26.7	29.0	31.3	33.8	36.7
50°	12.1	14.8	17.4	19.9	21.7	23.9	26.1	28.6	31.3	33.9	36.7
52.5°	11.9	14.6	17.4	19.8	21.9	23.7	25.7	28.1	30.8	33.8	36.8
55°	11.8	14.3	16.9	19.1	21.3	23.7	25.8	27.8	30.4	33.3	36.7
57.5°	12.0	14.6	16.7	18.8	21.0	23.1	25.7	28.2	30.3	33.1	36.3
60°	11.5	14.1	16.6	18.9	21.1	23.3	25.3	28.0	30.7	33.1	37.4
62.5°	10.8	13.4	16.1	18.7	21.3	23.7	26.0	27.8	31.2	35.2	39.6
65°	10.0	12.6	15.5	18.4	21.3	24.0	26.6	29.3	32.3	36.9	41.7
67.5°	8.6	11.7	14.8	18.0	21.2	24.3	27.3	30.5	33.9	38.2	43.3
70°	7.4	10.7	14.1	17.5	20.7	24.1	27.6	31.2	35.2	39.4	44.8
72.5°	6.5	9.6	13.5	16.7	19.8	23.4	27.7	31.7	36.0	40.8	46.3
75°	5.7	8.8	11.7	15.3	18.8	22.7	27.2	32.0	36.7	41.8	47.8
77.5°	4.9	7.1	9.9	13.5	17.6	21.9	26.5	32.2	37.4	42.6	48.6
80°	2.7	5.0	7.9	11.9	16.4	21.1	26.1	31.8	37.5	43.1	49.3
82.5°	0.6	3.0	6.2	10.4	15.3	20.5	25.9	31.6	37.7	43.7	50.2
85°	0.0	1.2	5.0	9.0	14.3	20.1	26.0	31.7	38.2	44.5	51.4
87.5°	0.0	0.3	4.2	8.1	13.7	20.1	26.5	32.3	39.0	45.6	53.0
90°	0.0	0.0	3.9	7.8	13.7	20.6	27.5	33.3	40.2	47.1	54.9
92.5°	0.0	0.3	4.2	8.1	13.7	20.1	26.5	32.3	39.0	45.6	53.0
95°	0.0	1.2	5.0	9.0	14.3	20.1	26.0	31.7	38.2	44.5	51.4
97.5°	0.6	3.0	6.2	10.4	15.3	20.5	25.9	31.6	37.7	43.7	50.2
100°	2.7	5.0	7.9	11.9	16.4	21.1	26.1	31.8	37.5	43.1	49.3
102.5°	4.9	7.1	9.9	13.5	17.6	21.9	26.5	32.2	37.4	42.6	48.6
105°	5.7	8.8	11.7	15.3	18.8	22.7	27.2	32.0	36.7	41.8	47.8
107.5°	6.5	9.6	13.5	16.7	19.8	23.4	27.7	31.7	36.0	40.8	46.3
110°	7.4	10.7	14.1	17.5	20.7	24.1	27.6	31.2	35.2	39.4	44.8



TEST NUMBER: P231917

CATALOG NUMBER: FVS4WM-2-LD4-35-2HI-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°	8.6	11.7	14.8	18.0	21.2	24.3	27.3	30.5	33.9	38.2	43.3
115°	10.0	12.6	15.5	18.4	21.3	24.0	26.6	29.3	32.3	36.9	41.7
117.5°	10.8	13.4	16.1	18.7	21.3	23.7	26.0	27.8	31.2	35.2	39.6
120°	11.5	14.1	16.6	18.9	21.1	23.3	25.3	28.0	30.7	33.1	37.4
122.5°	12.0	14.6	16.7	18.8	21.0	23.1	25.7	28.2	30.3	33.1	36.3
125°	11.8	14.3	16.9	19.1	21.3	23.7	25.8	27.8	30.4	33.3	36.7
127.5°	11.9	14.6	17.4	19.8	21.9	23.7	25.7	28.1	30.8	33.8	36.8
130°	12.1	14.8	17.4	19.9	21.7	23.9	26.1	28.6	31.3	33.9	36.7
132.5°	11.9	14.3	16.8	19.5	22.3	24.4	26.7	29.0	31.3	33.8	36.7
135°	11.7	14.2	16.8	19.5	22.2	24.8	26.7	28.7	31.0	33.5	36.2
137.5°	11.7	14.2	16.7	19.1	21.5	23.9	26.2	28.2	30.4	32.8	35.4
140°	11.4	13.7	16.0	18.2	20.5	22.8	25.0	27.3	29.4	31.7	34.1
142.5°	10.9	13.0	15.2	17.3	19.5	21.6	23.8	25.9	28.0	30.1	32.5
145°	10.3	12.3	14.4	16.4	18.5	20.5	22.4	24.4	26.4	28.4	30.5
147.5°	9.7	11.6	13.5	15.5	17.4	19.3	21.1	23.0	24.9	26.7	28.6
150°	9.1	10.9	12.7	14.5	16.3	18.1	19.8	21.6	23.3	25.0	26.7
152.5°	8.5	10.2	11.8	13.5	15.2	16.8	18.5	20.1	21.7	23.4	25.1
155°	7.9	9.4	11.0	12.5	14.0	15.6	17.2	18.8	20.4	22.0	23.6
157.5°	7.2	8.7	10.2	11.6	13.1	14.6	16.1	17.5	18.8	20.2	21.5
160°	6.7	8.0	9.4	10.7	12.0	13.2	14.5	15.8	17.0	18.2	19.4
162.5°	6.0	7.2	8.3	9.5	10.7	11.8	12.9	14.1	15.1	16.2	17.3
165°	5.2	6.3	7.3	8.3	9.3	10.3	11.3	12.2	13.2	14.1	15.1
167.5°	4.4	5.3	6.2	7.1	7.9	8.7	9.6	10.4	11.2	12.0	12.8
170°	3.6	4.3	5.1	5.8	6.4	7.1	7.8	8.5	9.1	9.7	10.4
172.5°	2.8	3.3	3.9	4.4	4.9	5.4	6.0	6.5	7.0	7.4	7.9
175°	1.9	2.3	2.6	3.0	3.4	3.7	4.1	4.4	4.7	5.1	5.4
177.5°	1.0	1.2	1.3	1.5	1.7	1.9	2.1	2.3	2.4	2.6	2.8
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: P231917

CATALOG NUMBER: FVS4WM-2-LD4-35-2HI-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°	2.9	3.1	3.2	3.4	3.5	3.7	3.8	3.9	4.1	4.2	4.3
5°	5.7	6.0	6.3	6.5	6.8	7.1	7.3	7.5	7.7	8.0	8.2
7.5°	8.4	8.8	9.2	9.7	10.1	10.4	10.8	11.1	11.5	11.8	12.1
10°	11.0	11.6	12.1	12.7	13.2	13.7	14.2	14.7	15.1	15.6	15.9
12.5°	13.5	14.2	14.9	15.6	16.3	16.9	17.5	18.1	18.7	19.2	19.7
15°	16.0	16.8	17.7	18.5	19.3	20.1	20.8	21.5	22.2	22.8	23.5
17.5°	18.3	19.3	20.3	21.3	22.2	23.1	24.0	24.9	25.6	26.4	27.1
20°	20.6	21.8	22.9	24.0	25.1	26.1	27.1	28.1	29.0	29.9	30.8
22.5°	22.8	24.1	25.4	26.6	27.9	29.0	30.2	31.3	32.4	33.4	34.3
25°	25.0	26.5	27.9	29.2	30.6	31.9	33.2	34.4	35.6	36.8	38.8
27.5°	26.9	28.7	30.2	31.8	33.2	34.7	37.0	39.5	42.2	44.9	47.5
30°	28.4	30.4	32.3	34.7	37.2	39.8	42.7	45.7	48.9	52.2	55.6
32.5°	30.4	32.6	35.1	38.1	41.2	44.2	47.4	50.9	54.7	58.7	62.8
35°	32.8	35.3	38.0	40.9	44.3	47.8	51.5	55.3	59.6	64.2	69.2
37.5°	34.9	37.6	40.4	43.5	46.9	50.7	54.8	59.2	63.8	69.1	74.8
40°	36.7	39.4	42.4	45.6	49.2	53.3	57.7	62.4	67.7	73.3	79.8
42.5°	38.1	41.0	44.2	47.5	51.2	55.4	60.2	65.4	70.9	77.1	84.2
45°	39.2	42.3	45.6	49.2	53.0	57.3	62.3	67.9	73.9	80.6	88.0
47.5°	39.8	43.2	46.8	50.6	54.7	59.1	64.0	70.2	76.7	83.5	91.7
50°	40.1	43.8	47.7	51.8	56.2	60.7	66.0	72.1	79.6	86.9	94.9
52.5°	40.0	44.0	48.2	52.7	57.4	63.5	69.6	75.7	83.0	90.5	98.2
55°	40.1	43.9	48.9	55.3	62.0	68.6	74.5	80.3	86.8	94.4	102.0
57.5°	40.3	45.9	52.2	59.1	66.4	73.5	79.9	85.4	90.9	98.5	106.2
60°	42.7	48.7	55.3	62.6	70.4	78.3	85.7	91.1	96.2	102.9	110.6
62.5°	44.9	51.2	58.3	66.0	74.2	83.0	91.1	97.1	101.9	107.6	115.2
65°	47.2	53.5	60.8	69.3	78.0	87.3	96.3	103.4	108.0	112.5	120.1
67.5°	49.2	55.8	63.5	72.3	81.7	91.5	101.5	110.0	114.5	118.1	125.1
70°	51.0	58.1	66.0	75.1	85.5	95.6	106.6	116.2	121.1	124.0	129.2
72.5°	52.7	60.3	68.6	77.9	88.9	98.6	108.5	117.2	122.0	124.8	129.3
75°	54.2	62.0	69.9	78.4	88.4	98.4	107.9	116.4	122.1	125.5	129.6
77.5°	55.1	62.5	70.4	78.6	88.2	98.5	107.8	116.1	122.3	126.1	130.2
80°	56.0	63.3	71.2	79.2	88.3	98.9	108.3	116.0	122.4	126.7	130.9
82.5°	57.2	64.6	72.5	80.2	88.9	99.6	109.1	116.3	122.5	127.3	131.8
85°	58.7	66.2	74.1	81.5	89.9	100.7	110.4	116.9	122.8	127.9	132.8
87.5°	60.5	68.2	76.1	83.2	91.3	102.1	111.9	117.6	123.1	128.6	134.0
90°	62.7	70.6	78.4	85.3	93.1	103.9	113.7	118.6	123.5	129.4	135.3
92.5°	60.5	68.2	76.1	83.2	91.3	102.1	111.9	117.6	123.1	128.6	134.0
95°	58.7	66.2	74.1	81.5	89.9	100.7	110.4	116.9	122.8	127.9	132.8
97.5°	57.2	64.6	72.5	80.2	88.9	99.6	109.1	116.3	122.5	127.3	131.8
100°	56.0	63.3	71.2	79.2	88.3	98.9	108.3	116.0	122.4	126.7	130.9
102.5°	55.1	62.5	70.4	78.6	88.2	98.5	107.8	116.1	122.3	126.1	130.2
105°	54.2	62.0	69.9	78.4	88.4	98.4	107.9	116.4	122.1	125.5	129.6
107.5°	52.7	60.3	68.6	77.9	88.9	98.6	108.5	117.2	122.0	124.8	129.3
110°	51.0	58.1	66.0	75.1	85.5	95.6	106.6	116.2	121.1	124.0	129.2



TEST NUMBER: P231917

CATALOG NUMBER: FVS4WM-2-LD4-35-2HI-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
112.5°	49.2	55.8	63.5	72.3	81.7	91.5	101.5	110.0	114.5	118.1	125.1
115°	47.2	53.5	60.8	69.3	78.0	87.3	96.3	103.4	108.0	112.5	120.1
117.5°	44.9	51.2	58.3	66.0	74.2	83.0	91.1	97.1	101.9	107.6	115.2
120°	42.7	48.7	55.3	62.6	70.4	78.3	85.7	91.1	96.2	102.9	110.6
122.5°	40.3	45.9	52.2	59.1	66.4	73.5	79.9	85.4	90.9	98.5	106.2
125°	40.1	43.9	48.9	55.3	62.0	68.6	74.5	80.3	86.8	94.4	102.0
127.5°	40.0	44.0	48.2	52.7	57.4	63.5	69.6	75.7	83.0	90.5	98.2
130°	40.1	43.8	47.7	51.8	56.2	60.7	66.0	72.1	79.6	86.9	94.9
132.5°	39.8	43.2	46.8	50.6	54.7	59.1	64.0	70.2	76.7	83.5	91.7
135°	39.2	42.3	45.6	49.2	53.0	57.3	62.3	67.9	73.9	80.6	88.0
137.5°	38.1	41.0	44.2	47.5	51.2	55.4	60.2	65.4	70.9	77.1	84.2
140°	36.7	39.4	42.4	45.6	49.2	53.3	57.7	62.4	67.7	73.3	79.8
142.5°	34.9	37.6	40.4	43.5	46.9	50.7	54.8	59.2	63.8	69.1	74.8
145°	32.8	35.3	38.0	40.9	44.3	47.8	51.5	55.3	59.6	64.2	69.2
147.5°	30.4	32.6	35.1	38.1	41.2	44.2	47.4	50.9	54.7	58.7	62.8
150°	28.4	30.4	32.3	34.7	37.2	39.8	42.7	45.7	48.9	52.2	55.6
152.5°	26.9	28.7	30.2	31.8	33.2	34.7	37.0	39.5	42.2	44.9	47.5
155°	25.0	26.5	27.9	29.2	30.6	31.9	33.2	34.4	35.6	36.8	38.8
157.5°	22.8	24.1	25.4	26.6	27.9	29.0	30.2	31.3	32.4	33.4	34.3
160°	20.6	21.8	22.9	24.0	25.1	26.1	27.1	28.1	29.0	29.9	30.8
162.5°	18.3	19.3	20.3	21.3	22.2	23.1	24.0	24.9	25.6	26.4	27.1
165°	16.0	16.8	17.7	18.5	19.3	20.1	20.8	21.5	22.2	22.8	23.5
167.5°	13.5	14.2	14.9	15.6	16.3	16.9	17.5	18.1	18.7	19.2	19.7
170°	11.0	11.6	12.1	12.7	13.2	13.7	14.2	14.7	15.1	15.6	15.9
172.5°	8.4	8.8	9.2	9.7	10.1	10.4	10.8	11.1	11.5	11.8	12.1
175°	5.7	6.0	6.3	6.5	6.8	7.1	7.3	7.5	7.7	8.0	8.2
177.5°	2.9	3.1	3.2	3.4	3.5	3.7	3.8	3.9	4.1	4.2	4.3
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: P231917

CATALOG NUMBER: FVS4WM-2-LD4-35-2HI-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°	4.4	4.5	4.5	4.6	4.7	4.8	4.8	4.8	4.9	4.9	5.5
5°	8.4	8.7	8.9	9.0	9.2	9.4	9.5	9.6	9.7	9.8	11.0
7.5°	12.3	12.6	12.9	13.2	13.5	13.8	14.1	14.3	14.5	14.7	16.5
10°	16.3	16.7	17.0	17.3	17.7	18.1	18.5	18.9	19.3	19.6	22.0
12.5°	20.2	20.7	21.1	21.4	21.8	22.3	22.9	23.5	24.0	24.5	27.4
15°	24.1	24.6	25.1	25.6	26.0	26.4	27.2	28.0	28.7	29.4	32.8
17.5°	27.8	28.5	29.1	29.7	30.2	30.7	31.3	32.4	33.4	34.3	38.2
20°	31.6	32.3	33.0	33.7	34.3	34.9	35.5	36.7	38.0	39.2	43.6
22.5°	35.2	36.1	36.9	37.7	38.5	39.1	39.7	41.0	42.6	44.1	49.0
25°	40.9	43.0	45.0	46.9	48.7	50.4	51.9	53.7	56.1	58.4	63.8
27.5°	50.0	52.6	55.2	57.7	60.1	62.3	64.4	66.6	69.7	72.6	78.7
30°	58.7	61.7	65.0	68.1	71.1	74.0	76.7	79.2	83.2	86.9	93.6
32.5°	66.8	70.4	74.2	78.1	81.8	85.4	88.8	92.0	96.6	101.2	108.6
35°	74.3	78.7	82.9	87.7	92.3	96.6	100.7	104.7	109.9	115.4	123.5
37.5°	80.8	86.6	91.5	96.8	102.6	107.5	112.4	117.2	123.2	129.7	138.5
40°	86.7	93.9	99.7	105.6	112.1	118.2	124.0	129.7	136.4	144.0	153.5
42.5°	91.9	100.2	107.7	114.3	121.5	128.7	135.6	142.0	149.6	158.2	168.5
45°	96.7	106.0	115.3	122.5	130.6	139.0	146.7	154.2	162.7	172.5	183.4
47.5°	100.9	110.3	119.9	127.2	134.8	143.3	151.7	160.4	170.3	182.2	194.9
50°	103.4	112.4	121.8	129.7	137.1	146.1	155.9	166.2	177.8	191.9	206.5
52.5°	106.7	115.3	124.1	132.3	139.3	149.0	159.9	171.8	185.2	201.6	218.1
55°	110.4	118.7	126.8	135.0	142.0	151.8	163.7	177.2	192.5	211.3	229.8
57.5°	114.4	122.6	130.1	137.9	144.9	154.7	167.4	182.5	199.7	221.0	241.5
60°	118.7	126.9	134.0	141.0	147.9	157.6	171.0	187.7	206.9	230.7	253.3
62.5°	123.2	131.6	137.9	144.4	151.1	160.5	174.5	192.8	214.0	240.4	265.1
65°	128.0	136.3	142.4	148.1	154.4	163.4	178.0	197.9	221.0	250.1	276.9
67.5°	133.0	141.2	147.2	152.0	157.8	166.5	181.4	202.9	228.1	259.8	288.7
70°	136.0	143.0	148.3	152.1	157.4	165.7	180.1	201.5	226.6	259.3	290.0
72.5°	135.7	142.1	147.1	150.7	156.1	164.6	178.7	200.1	225.2	258.7	291.1
75°	135.6	141.4	146.1	149.3	154.8	163.6	177.4	198.8	223.8	258.2	293.5
77.5°	135.8	140.9	145.1	148.0	153.6	162.7	176.3	197.6	222.4	257.6	294.2
80°	136.1	140.7	144.2	146.7	152.3	161.9	175.3	196.5	221.2	257.1	295.0
82.5°	136.7	140.7	143.4	145.5	151.1	161.2	174.4	195.5	220.0	256.5	295.7
85°	137.4	140.8	142.6	144.4	150.0	160.7	173.6	194.6	218.8	256.0	296.5
87.5°	138.3	141.0	141.9	143.2	149.0	160.2	173.0	193.8	217.7	255.4	297.2
90°	139.2	141.2	141.2	142.2	148.0	159.8	172.5	193.1	216.7	254.9	298.0
92.5°	138.3	141.0	141.9	143.2	149.0	160.2	173.0	193.8	217.7	255.4	297.2
95°	137.4	140.8	142.6	144.4	150.0	160.7	173.6	194.6	218.8	256.0	296.5
97.5°	136.7	140.7	143.4	145.5	151.1	161.2	174.4	195.5	220.0	256.5	295.7
100°	136.1	140.7	144.2	146.7	152.3	161.9	175.3	196.5	221.2	257.1	295.0
102.5°	135.8	140.9	145.1	148.0	153.6	162.7	176.3	197.6	222.4	257.6	294.2
105°	135.6	141.4	146.1	149.3	154.8	163.6	177.4	198.8	223.8	258.2	293.5
107.5°	135.7	142.1	147.1	150.7	156.1	164.6	178.7	200.1	225.2	258.7	291.1
110°	136.0	143.0	148.3	152.1	157.4	165.7	180.1	201.5	226.6	259.3	290.0



TEST NUMBER: P231917

CATALOG NUMBER: FVS4WM-2-LD4-35-2HI-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°	133.0	141.2	147.2	152.0	157.8	166.5	181.4	202.9	228.1	259.8	288.7
115°	128.0	136.3	142.4	148.1	154.4	163.4	178.0	197.9	221.0	250.1	276.9
117.5°	123.2	131.6	137.9	144.4	151.1	160.5	174.5	192.8	214.0	240.4	265.1
120°	118.7	126.9	134.0	141.0	147.9	157.6	171.0	187.7	206.9	230.7	253.3
122.5°	114.4	122.6	130.1	137.9	144.9	154.7	167.4	182.5	199.7	221.0	241.5
125°	110.4	118.7	126.8	135.0	142.0	151.8	163.7	177.2	192.5	211.3	229.8
127.5°	106.7	115.3	124.1	132.3	139.3	149.0	159.9	171.8	185.2	201.6	218.1
130°	103.4	112.4	121.8	129.7	137.1	146.1	155.9	166.2	177.8	191.9	206.5
132.5°	100.9	110.3	119.9	127.2	134.8	143.3	151.7	160.4	170.3	182.2	194.9
135°	96.7	106.0	115.3	122.5	130.6	139.0	146.7	154.2	162.7	172.5	183.4
137.5°	91.9	100.2	107.7	114.3	121.5	128.7	135.6	142.0	149.6	158.2	168.5
140°	86.7	93.9	99.7	105.6	112.1	118.2	124.0	129.7	136.4	144.0	153.5
142.5°	80.8	86.6	91.5	96.8	102.6	107.5	112.4	117.2	123.2	129.7	138.5
145°	74.3	78.7	82.9	87.7	92.3	96.6	100.7	104.7	109.9	115.4	123.5
147.5°	66.8	70.4	74.2	78.1	81.8	85.4	88.8	92.0	96.6	101.2	108.6
150°	58.7	61.7	65.0	68.1	71.1	74.0	76.7	79.2	83.2	86.9	93.6
152.5°	50.0	52.6	55.2	57.7	60.1	62.3	64.4	66.6	69.7	72.6	78.7
155°	40.9	43.0	45.0	46.9	48.7	50.4	51.9	53.7	56.1	58.4	63.8
157.5°	35.2	36.1	36.9	37.7	38.5	39.1	39.7	41.0	42.6	44.1	49.0
160°	31.6	32.3	33.0	33.7	34.3	34.9	35.5	36.7	38.0	39.2	43.6
162.5°	27.8	28.5	29.1	29.7	30.2	30.7	31.3	32.4	33.4	34.3	38.2
165°	24.1	24.6	25.1	25.6	26.0	26.4	27.2	28.0	28.7	29.4	32.8
167.5°	20.2	20.7	21.1	21.4	21.8	22.3	22.9	23.5	24.0	24.5	27.4
170°	16.3	16.7	17.0	17.3	17.7	18.1	18.5	18.9	19.3	19.6	22.0
172.5°	12.3	12.6	12.9	13.2	13.5	13.8	14.1	14.3	14.5	14.7	16.5
175°	8.4	8.7	8.9	9.0	9.2	9.4	9.5	9.6	9.7	9.8	11.0
177.5°	4.4	4.5	4.5	4.6	4.7	4.8	4.8	4.8	4.9	4.9	5.5
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: P231917

CATALOG NUMBER: FVS4WM-2-LD4-35-2HI-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°	6.1	6.7	7.3	7.9	8.5	9.0	9.6	10.1	10.6	11.0	11.5
5°	12.2	13.4	14.6	15.7	16.9	17.9	19.0	20.0	21.0	21.9	22.8
7.5°	18.3	20.1	21.8	23.5	25.1	26.7	28.4	30.6	32.7	34.8	36.8
10°	24.3	26.6	28.9	31.1	33.4	36.4	39.3	42.1	44.8	47.5	50.3
12.5°	30.3	33.1	35.9	39.0	42.6	46.2	49.7	53.1	56.1	58.7	61.1
15°	36.2	39.6	43.0	47.2	51.4	55.6	59.5	63.0	66.3	69.5	72.9
17.5°	42.1	45.9	50.4	55.2	59.9	64.5	68.8	72.9	76.9	81.0	84.9
20°	48.0	52.3	57.6	62.8	68.0	73.2	78.3	83.2	88.2	93.1	97.7
22.5°	53.7	58.8	64.5	70.2	76.2	82.2	88.1	94.1	99.9	105.4	110.3
25°	69.0	74.5	80.1	85.6	91.4	97.0	102.6	108.0	113.0	117.6	123.3
27.5°	84.5	90.7	96.8	103.0	109.1	115.2	121.3	127.1	132.3	137.1	141.6
30°	100.1	106.9	113.5	120.1	127.0	133.3	139.8	145.7	151.2	156.3	161.0
32.5°	115.8	123.0	130.0	137.0	144.0	151.1	157.8	164.0	169.7	175.0	178.4
35°	131.4	139.0	146.4	153.6	161.1	169.0	175.5	182.0	187.7	192.2	194.0
37.5°	146.9	154.9	162.6	170.0	178.0	185.7	192.9	199.4	205.8	207.3	208.6
40°	162.4	170.8	178.6	186.4	194.7	202.6	210.0	216.4	220.3	221.8	221.5
42.5°	177.9	186.5	194.4	202.6	211.1	219.2	226.5	233.1	234.5	235.0	234.3
45°	193.3	202.1	210.0	218.6	227.3	235.7	242.7	247.1	248.3	247.8	247.0
47.5°	206.6	217.5	227.9	238.8	248.7	257.2	262.8	262.5	261.1	260.4	259.4
50°	220.1	233.5	247.2	261.4	274.7	285.9	293.9	295.4	294.5	290.1	282.4
52.5°	233.7	250.0	267.3	284.9	302.0	316.0	325.7	330.6	334.2	332.0	325.8
55°	247.5	266.9	288.0	309.3	330.3	347.2	359.2	368.7	376.4	376.1	367.9
57.5°	261.4	284.3	309.3	334.6	359.5	379.5	394.4	409.5	419.6	419.7	409.1
60°	275.5	302.1	331.1	360.6	389.1	412.5	431.0	452.7	464.4	461.4	448.3
62.5°	289.6	320.2	353.4	387.2	419.3	446.1	469.5	498.1	510.7	502.4	485.0
65°	303.9	338.6	375.9	414.4	450.0	480.6	510.4	543.1	558.0	542.7	519.2
67.5°	318.2	357.1	398.8	441.9	481.2	515.8	552.6	588.0	599.5	581.0	551.5
70°	321.5	361.5	403.9	449.5	492.0	531.8	577.5	618.9	632.6	615.0	586.9
72.5°	324.5	364.5	405.9	451.9	494.4	535.6	584.3	626.3	640.7	629.2	611.7
75°	327.5	367.2	407.4	453.8	496.4	539.1	590.4	634.1	651.4	647.2	635.6
77.5°	330.4	369.6	408.4	455.2	497.9	542.2	595.7	642.3	664.2	668.3	659.5
80°	334.4	371.7	409.0	456.1	498.9	544.8	600.2	650.5	678.5	691.9	683.6
82.5°	336.5	374.4	410.5	456.5	499.5	547.0	603.9	658.4	693.8	717.2	707.9
85°	338.7	375.4	409.6	457.4	500.5	550.0	608.6	668.0	709.6	743.5	732.4
87.5°	340.9	376.4	408.7	456.1	499.2	550.0	609.2	673.2	725.8	770.6	757.0
90°	343.1	377.4	407.8	454.9	498.0	550.0	609.8	678.4	740.2	796.1	782.3
92.5°	340.9	376.4	408.7	456.1	499.2	550.0	609.2	673.2	725.8	770.6	757.0
95°	338.7	375.4	409.6	457.4	500.5	550.0	608.6	668.0	709.6	743.5	732.4
97.5°	336.5	374.4	410.5	456.5	499.5	547.0	603.9	658.4	693.8	717.2	707.9
100°	334.4	371.7	409.0	456.1	498.9	544.8	600.2	650.5	678.5	691.9	683.6
102.5°	330.4	369.6	408.4	455.2	497.9	542.2	595.7	642.3	664.2	668.3	659.5
105°	327.5	367.2	407.4	453.8	496.4	539.1	590.4	634.1	651.4	647.2	635.6
107.5°	324.5	364.5	405.9	451.9	494.4	535.6	584.3	626.3	640.7	629.2	611.7
110°	321.5	361.5	403.9	449.5	492.0	531.8	577.5	618.9	632.6	615.0	586.9



TEST NUMBER: P231917

CATALOG NUMBER: FVS4WM-2-LD4-35-2HI-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
112.5°	318.2	357.1	398.8	441.9	481.2	515.8	552.6	588.0	599.5	581.0	551.5
115°	303.9	338.6	375.9	414.4	450.0	480.6	510.4	543.1	558.0	542.7	519.2
117.5°	289.6	320.2	353.4	387.2	419.3	446.1	469.5	498.1	510.7	502.4	485.0
120°	275.5	302.1	331.1	360.6	389.1	412.5	431.0	452.7	464.4	461.4	448.3
122.5°	261.4	284.3	309.3	334.6	359.5	379.5	394.4	409.5	419.6	419.7	409.1
125°	247.5	266.9	288.0	309.3	330.3	347.2	359.2	368.7	376.4	376.1	367.9
127.5°	233.7	250.0	267.3	284.9	302.0	316.0	325.7	330.6	334.2	332.0	325.8
130°	220.1	233.5	247.2	261.4	274.7	285.9	293.9	295.4	294.5	290.1	282.4
132.5°	206.6	217.5	227.9	238.8	248.7	257.2	262.8	262.5	261.1	260.4	259.4
135°	193.3	202.1	210.0	218.6	227.3	235.7	242.7	247.1	248.3	247.8	247.0
137.5°	177.9	186.5	194.4	202.6	211.1	219.2	226.5	233.1	234.5	235.0	234.3
140°	162.4	170.8	178.6	186.4	194.7	202.6	210.0	216.4	220.3	221.8	221.5
142.5°	146.9	154.9	162.6	170.0	178.0	185.7	192.9	199.4	205.8	207.3	208.6
145°	131.4	139.0	146.4	153.6	161.1	169.0	175.5	182.0	187.7	192.2	194.0
147.5°	115.8	123.0	130.0	137.0	144.0	151.1	157.8	164.0	169.7	175.0	178.4
150°	100.1	106.9	113.5	120.1	127.0	133.3	139.8	145.7	151.2	156.3	161.0
152.5°	84.5	90.7	96.8	103.0	109.1	115.2	121.3	127.1	132.3	137.1	141.6
155°	69.0	74.5	80.1	85.6	91.4	97.0	102.6	108.0	113.0	117.6	123.3
157.5°	53.7	58.8	64.5	70.2	76.2	82.2	88.1	94.1	99.9	105.4	110.3
160°	48.0	52.3	57.6	62.8	68.0	73.2	78.3	83.2	88.2	93.1	97.7
162.5°	42.1	45.9	50.4	55.2	59.9	64.5	68.8	72.9	76.9	81.0	84.9
165°	36.2	39.6	43.0	47.2	51.4	55.6	59.5	63.0	66.3	69.5	72.9
167.5°	30.3	33.1	35.9	39.0	42.6	46.2	49.7	53.1	56.1	58.7	61.1
170°	24.3	26.6	28.9	31.1	33.4	36.4	39.3	42.1	44.8	47.5	50.3
172.5°	18.3	20.1	21.8	23.5	25.1	26.7	28.4	30.6	32.7	34.8	36.8
175°	12.2	13.4	14.6	15.7	16.9	17.9	19.0	20.0	21.0	21.9	22.8
177.5°	6.1	6.7	7.3	7.9	8.5	9.0	9.6	10.1	10.6	11.0	11.5
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: P231917

CATALOG NUMBER: FVS4WM-2-LD4-35-2HI-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°	11.9	12.3	12.7	13.1	13.4	13.8	14.0	14.3	14.5	14.8	14.9
5°	24.1	25.4	26.6	27.7	28.8	29.9	30.8	31.8	32.6	33.4	34.1
7.5°	38.7	40.6	42.4	44.1	45.5	46.5	47.4	48.2	48.9	49.5	50.0
10°	52.0	53.7	55.3	56.8	58.2	59.5	60.6	61.8	62.9	63.8	64.7
12.5°	63.4	65.6	67.7	69.9	71.9	73.8	75.5	77.0	78.4	79.4	80.3
15°	75.7	78.7	81.5	84.1	86.5	88.5	90.3	91.9	93.2	94.4	95.3
17.5°	88.7	92.7	95.3	98.1	100.7	103.0	105.1	106.9	108.5	109.8	110.8
20°	101.8	105.6	109.1	112.4	115.4	118.0	120.4	122.4	124.1	125.6	127.0
22.5°	115.0	119.4	123.4	127.1	130.6	132.9	135.1	137.1	139.0	140.6	142.4
25°	128.6	133.5	138.7	141.0	143.7	146.2	147.9	149.6	151.5	153.6	155.8
27.5°	145.7	148.7	150.2	153.2	154.6	155.9	157.8	159.7	162.1	164.7	168.2
30°	164.0	165.5	166.3	165.1	163.8	163.7	165.9	168.4	172.8	177.3	182.3
32.5°	180.1	180.6	179.6	178.4	177.7	176.7	177.2	178.7	184.2	191.6	199.1
35°	194.7	193.8	192.9	192.2	191.9	193.1	194.1	197.8	201.0	208.8	221.0
37.5°	207.8	206.9	206.3	206.6	208.1	210.9	215.6	220.9	229.0	237.4	246.8
40°	220.7	220.1	220.4	222.2	226.3	231.9	240.3	249.9	261.5	273.9	286.8
42.5°	233.6	233.4	235.5	240.0	246.6	257.1	268.3	283.6	299.8	316.9	334.8
45°	246.2	248.1	252.0	259.7	271.2	284.0	302.2	320.4	341.8	363.9	389.0
47.5°	260.1	262.4	271.0	282.5	297.0	317.0	337.9	361.4	387.5	415.3	447.1
50°	275.6	280.6	291.0	307.0	327.7	350.4	375.9	404.5	436.5	470.4	506.6
52.5°	318.4	316.4	322.1	334.2	360.0	385.6	415.3	449.4	485.3	524.6	566.0
55°	360.4	358.0	365.0	379.8	399.1	421.9	454.7	492.8	533.8	578.1	628.7
57.5°	398.9	398.8	407.3	422.7	443.2	469.7	500.7	535.9	581.5	633.4	688.9
60°	435.7	436.6	447.4	464.3	486.5	514.0	547.3	587.8	634.0	684.6	744.3
62.5°	473.5	474.7	485.0	502.8	526.8	556.4	592.9	636.9	689.1	742.3	800.2
65°	509.2	511.1	522.1	540.1	564.1	594.5	635.6	686.5	740.3	796.0	858.0
67.5°	542.8	545.1	556.7	575.0	599.6	632.7	676.9	732.5	786.0	844.4	918.3
70°	576.4	577.4	589.1	607.0	631.6	667.9	718.2	772.7	826.7	887.4	971.4
72.5°	604.5	607.7	619.6	636.8	660.9	701.3	755.9	807.9	860.4	927.6	1011.9
75°	629.9	634.6	645.7	660.9	685.1	726.2	784.6	837.9	887.3	957.5	1046.9
77.5°	655.0	660.8	669.8	681.8	702.8	742.9	797.5	852.4	910.9	984.5	1076.9
80°	679.9	686.2	692.2	700.0	716.1	754.6	807.9	865.2	928.9	1009.4	1109.5
82.5°	704.6	711.1	713.3	716.3	725.9	761.9	815.6	876.1	942.6	1028.9	1134.0
85°	729.2	735.5	733.4	731.0	733.2	765.7	820.6	884.7	952.1	1042.7	1150.2
87.5°	753.7	759.6	752.9	744.9	738.8	767.2	824.3	892.3	959.3	1053.7	1162.0
90°	778.4	783.3	772.5	758.8	744.1	765.7	822.5	893.1	958.8	1052.9	1158.8
92.5°	753.7	759.6	752.9	744.9	738.8	767.2	824.3	892.3	959.3	1053.7	1162.0
95°	729.2	735.5	733.4	731.0	733.2	765.7	820.6	884.7	952.1	1042.7	1150.2
97.5°	704.6	711.1	713.3	716.3	725.9	761.9	815.6	876.1	942.6	1028.9	1134.0
100°	679.9	686.2	692.2	700.0	716.1	754.6	807.9	865.2	928.9	1009.4	1109.5
102.5°	655.0	660.8	669.8	681.8	702.8	742.9	797.5	852.4	910.9	984.5	1076.9
105°	629.9	634.6	645.7	660.9	685.1	726.2	784.6	837.9	887.3	957.5	1046.9
107.5°	604.5	607.7	619.6	636.8	660.9	701.3	755.9	807.9	860.4	927.6	1011.9
110°	576.4	577.4	589.1	607.0	631.6	667.9	718.2	772.7	826.7	887.4	971.4



TEST NUMBER: P231917

CATALOG NUMBER: FVS4WM-2-LD4-35-2HI-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°	542.8	545.1	556.7	575.0	599.6	632.7	676.9	732.5	786.0	844.4	918.3
115°	509.2	511.1	522.1	540.1	564.1	594.5	635.6	686.5	740.3	796.0	858.0
117.5°	473.5	474.7	485.0	502.8	526.8	556.4	592.9	636.9	689.1	742.3	800.2
120°	435.7	436.6	447.4	464.3	486.5	514.0	547.3	587.8	634.0	684.6	744.3
122.5°	398.9	398.8	407.3	422.7	443.2	469.7	500.7	535.9	581.5	633.4	688.9
125°	360.4	358.0	365.0	379.8	399.1	421.9	454.7	492.8	533.8	578.1	628.7
127.5°	318.4	316.4	322.1	334.2	360.0	385.6	415.3	449.4	485.3	524.6	566.0
130°	275.6	280.6	291.0	307.0	327.7	350.4	375.9	404.5	436.5	470.4	506.6
132.5°	260.1	262.4	271.0	282.5	297.0	317.0	337.9	361.4	387.5	415.3	447.1
135°	246.2	248.1	252.0	259.7	271.2	284.0	302.2	320.4	341.8	363.9	389.0
137.5°	233.6	233.4	235.5	240.0	246.6	257.1	268.3	283.6	299.8	316.9	334.8
140°	220.7	220.1	220.4	222.2	226.3	231.9	240.3	249.9	261.5	273.9	286.8
142.5°	207.8	206.9	206.3	206.6	208.1	210.9	215.6	220.9	229.0	237.4	246.8
145°	194.7	193.8	192.9	192.2	191.9	193.1	194.1	197.8	201.0	208.8	221.0
147.5°	180.1	180.6	179.6	178.4	177.7	176.7	177.2	178.7	184.2	191.6	199.1
150°	164.0	165.5	166.3	165.1	163.8	163.7	165.9	168.4	172.8	177.3	182.3
152.5°	145.7	148.7	150.2	153.2	154.6	155.9	157.8	159.7	162.1	164.7	168.2
155°	128.6	133.5	138.7	141.0	143.7	146.2	147.9	149.6	151.5	153.6	155.8
157.5°	115.0	119.4	123.4	127.1	130.6	132.9	135.1	137.1	139.0	140.6	142.4
160°	101.8	105.6	109.1	112.4	115.4	118.0	120.4	122.4	124.1	125.6	127.0
162.5°	88.7	92.7	95.3	98.1	100.7	103.0	105.1	106.9	108.5	109.8	110.8
165°	75.7	78.7	81.5	84.1	86.5	88.5	90.3	91.9	93.2	94.4	95.3
167.5°	63.4	65.6	67.7	69.9	71.9	73.8	75.5	77.0	78.4	79.4	80.3
170°	52.0	53.7	55.3	56.8	58.2	59.5	60.6	61.8	62.9	63.8	64.7
172.5°	38.7	40.6	42.4	44.1	45.5	46.5	47.4	48.2	48.9	49.5	50.0
175°	24.1	25.4	26.6	27.7	28.8	29.9	30.8	31.8	32.6	33.4	34.1
177.5°	11.9	12.3	12.7	13.1	13.4	13.8	14.0	14.3	14.5	14.8	14.9
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: P231917

CATALOG NUMBER: FVS4WM-2-LD4-35-2HI-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°	15.1	15.2	15.3	15.4	15.4	15.4	15.9	15.7	15.5	15.3	15.1
5°	34.7	35.3	35.8	36.2	36.5	36.8	36.9	37.0	37.7	37.4	37.0
7.5°	50.4	50.8	51.0	51.2	51.3	51.3	51.2	51.1	50.8	50.8	50.2
10°	65.4	66.0	66.4	66.7	66.9	66.9	66.9	66.6	66.3	66.3	65.5
12.5°	80.9	81.4	81.8	81.9	81.9	81.8	81.5	81.0	80.4	79.6	79.0
15°	96.1	96.6	96.9	97.0	96.9	96.6	96.0	95.3	94.5	93.4	92.5
17.5°	111.7	112.4	113.0	113.5	113.7	113.7	113.5	113.2	112.6	111.7	111.2
20°	128.2	129.3	130.5	131.6	132.6	133.5	134.2	134.7	135.1	135.1	135.6
22.5°	144.2	146.0	147.8	149.4	151.0	152.4	153.6	154.7	155.5	156.1	157.2
25°	158.1	160.5	162.9	166.0	168.9	171.7	174.2	176.5	178.5	180.1	181.3
27.5°	172.3	176.3	180.3	184.9	189.8	194.4	198.6	202.4	205.8	208.7	211.0
30°	188.4	194.9	201.2	207.4	215.8	223.7	231.1	237.8	243.8	248.9	253.2
32.5°	207.6	218.4	229.0	239.2	250.2	261.2	271.3	280.5	288.7	295.8	301.8
35°	233.3	247.6	262.2	276.2	290.1	305.4	319.4	332.1	343.3	352.9	360.9
37.5°	263.8	281.5	301.9	321.4	339.7	358.8	376.6	392.4	406.2	418.0	427.6
40°	302.2	323.9	349.3	374.3	397.5	420.0	440.9	458.8	473.8	485.9	495.2
42.5°	355.6	376.4	404.2	435.6	463.8	488.8	511.7	531.2	547.5	560.5	570.3
45°	414.4	443.7	471.7	504.3	535.2	565.8	590.2	612.9	630.4	643.0	651.0
47.5°	479.8	513.1	545.4	579.9	619.8	653.7	683.1	708.2	728.0	742.5	751.7
50°	544.5	583.5	628.6	672.6	716.3	753.8	788.2	822.8	851.9	874.9	891.3
52.5°	612.6	662.2	712.9	763.1	817.7	870.5	914.9	956.5	994.2	1026.8	1053.1
55°	681.9	737.3	795.5	859.7	924.0	986.3	1040.4	1088.7	1132.9	1172.1	1205.1
57.5°	747.1	811.5	880.4	954.9	1030.8	1092.4	1153.0	1205.1	1250.7	1292.9	1330.2
60°	810.8	883.7	966.9	1046.5	1121.5	1186.1	1242.0	1295.4	1344.8	1388.9	1427.0
62.5°	870.1	960.2	1047.3	1130.7	1198.6	1262.2	1319.6	1374.5	1422.6	1466.3	1504.6
65°	941.4	1029.7	1119.2	1194.2	1263.2	1327.9	1385.1	1438.4	1488.4	1534.2	1573.8
67.5°	1005.3	1096.3	1174.5	1247.5	1317.0	1380.1	1440.6	1497.6	1548.9	1593.9	1632.1
70°	1059.9	1149.3	1226.6	1293.8	1359.0	1426.1	1490.3	1547.8	1602.4	1652.8	1690.2
72.5°	1106.0	1197.7	1269.5	1335.3	1400.0	1465.3	1530.0	1594.5	1660.2	1711.9	1742.2
75°	1148.3	1231.7	1302.6	1370.3	1437.7	1501.5	1565.6	1634.7	1698.4	1753.7	1788.5
77.5°	1183.4	1259.6	1328.7	1397.9	1467.3	1533.7	1599.2	1665.2	1728.0	1783.5	1819.4
80°	1206.1	1280.0	1347.6	1418.3	1490.2	1558.4	1623.5	1688.8	1752.4	1807.9	1842.5
82.5°	1225.9	1299.5	1366.7	1436.4	1503.9	1568.2	1636.8	1707.4	1779.6	1838.4	1865.4
85°	1241.0	1313.1	1378.8	1449.3	1515.6	1581.6	1648.8	1720.8	1792.0	1848.5	1880.0
87.5°	1254.1	1320.8	1383.7	1454.1	1520.0	1589.8	1661.1	1733.2	1799.6	1856.6	1882.9
90°	1253.9	1322.5	1382.3	1451.0	1516.6	1589.2	1662.7	1729.4	1797.0	1859.8	1885.3
92.5°	1254.1	1320.8	1383.7	1454.1	1520.0	1589.8	1661.1	1733.2	1799.6	1856.6	1882.9
95°	1241.0	1313.1	1378.8	1449.3	1515.6	1581.6	1648.8	1720.8	1792.0	1848.5	1880.0
97.5°	1225.9	1299.5	1366.7	1436.4	1503.9	1568.2	1636.8	1707.4	1779.6	1838.4	1865.4
100°	1206.1	1280.0	1347.6	1418.3	1490.2	1558.4	1623.5	1688.8	1752.4	1807.9	1842.5
102.5°	1183.4	1259.6	1328.7	1397.9	1467.3	1533.7	1599.2	1665.2	1728.0	1783.5	1819.4
105°	1148.3	1231.7	1302.6	1370.3	1437.7	1501.5	1565.6	1634.7	1698.4	1753.7	1788.5
107.5°	1106.0	1197.7	1269.5	1335.3	1400.0	1465.3	1530.0	1594.5	1660.2	1711.9	1742.2
110°	1059.9	1149.3	1226.6	1293.8	1359.0	1426.1	1490.3	1547.8	1602.4	1652.8	1690.2



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CANDELA DISTRIBUTION (continued):

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
112.5°	1005.3	1096.3	1174.5	1247.5	1317.0	1380.1	1440.6	1497.6	1548.9	1593.9	1632.1
115°	941.4	1029.7	1119.2	1194.2	1263.2	1327.9	1385.1	1438.4	1488.4	1534.2	1573.8
117.5°	870.1	960.2	1047.3	1130.7	1198.6	1262.2	1319.6	1374.5	1422.6	1466.3	1504.6
120°	810.8	883.7	966.9	1046.5	1121.5	1186.1	1242.0	1295.4	1344.8	1388.9	1427.0
122.5°	747.1	811.5	880.4	954.9	1030.8	1092.4	1153.0	1205.1	1250.7	1292.9	1330.2
125°	681.9	737.3	795.5	859.7	924.0	986.3	1040.4	1088.7	1132.9	1172.1	1205.1
127.5°	612.6	662.2	712.9	763.1	817.7	870.5	914.9	956.5	994.2	1026.8	1053.1
130°	544.5	583.5	628.6	672.6	716.3	753.8	788.2	822.8	851.9	874.9	891.3
132.5°	479.8	513.1	545.4	579.9	619.8	653.7	683.1	708.2	728.0	742.5	751.7
135°	414.4	443.7	471.7	504.3	535.2	565.8	590.2	612.9	630.4	643.0	651.0
137.5°	355.6	376.4	404.2	435.6	463.8	488.8	511.7	531.2	547.5	560.5	570.3
140°	302.2	323.9	349.3	374.3	397.5	420.0	440.9	458.8	473.8	485.9	495.2
142.5°	263.8	281.5	301.9	321.4	339.7	358.8	376.6	392.4	406.2	418.0	427.6
145°	233.3	247.6	262.2	276.2	290.1	305.4	319.4	332.1	343.3	352.9	360.9
147.5°	207.6	218.4	229.0	239.2	250.2	261.2	271.3	280.5	288.7	295.8	301.8
150°	188.4	194.9	201.2	207.4	215.8	223.7	231.1	237.8	243.8	248.9	253.2
152.5°	172.3	176.3	180.3	184.9	189.8	194.4	198.6	202.4	205.8	208.7	211.0
155°	158.1	160.5	162.9	166.0	168.9	171.7	174.2	176.5	178.5	180.1	181.3
157.5°	144.2	146.0	147.8	149.4	151.0	152.4	153.6	154.7	155.5	156.1	157.2
160°	128.2	129.3	130.5	131.6	132.6	133.5	134.2	134.7	135.1	135.1	135.6
162.5°	111.7	112.4	113.0	113.5	113.7	113.7	113.5	113.2	112.6	111.7	111.2
165°	96.1	96.6	96.9	97.0	96.9	96.6	96.0	95.3	94.5	93.4	92.5
167.5°	80.9	81.4	81.8	81.9	81.9	81.8	81.5	81.0	80.4	79.6	79.0
170°	65.4	66.0	66.4	66.7	66.9	66.9	66.9	66.6	66.3	66.3	65.5
172.5°	50.4	50.8	51.0	51.2	51.3	51.3	51.2	51.1	50.8	50.8	50.2
175°	34.7	35.3	35.8	36.2	36.5	36.8	36.9	37.0	37.7	37.4	37.0
177.5°	15.1	15.2	15.3	15.4	15.4	15.4	15.9	15.7	15.5	15.3	15.1
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	357.5°	360°
0°	0.0	0.0
2.5°	14.9	14.7
5°	36.7	36.3
7.5°	49.6	49.0
10°	64.6	63.7
12.5°	77.7	76.5
15°	90.8	89.2
17.5°	109.5	107.8
20°	134.5	133.3
22.5°	156.5	155.9
25°	182.3	182.3
27.5°	213.0	213.7
30°	257.1	258.8
32.5°	307.2	309.8
35°	368.1	371.6
37.5°	436.2	440.2
40°	503.1	505.9
42.5°	578.4	580.4
45°	656.5	654.9
47.5°	758.2	754.9
50°	904.6	902.9
52.5°	1076.6	1081.4
55°	1235.5	1247.0
57.5°	1365.7	1384.3
60°	1462.4	1483.3
62.5°	1536.8	1562.7
65°	1606.8	1633.3
67.5°	1663.3	1688.2
70°	1717.0	1735.3
72.5°	1762.0	1773.5
75°	1803.5	1809.8
77.5°	1825.8	1826.4
80°	1856.1	1858.8
82.5°	1877.0	1879.4
85°	1886.1	1884.3
87.5°	1897.8	1901.9
90°	1896.0	1898.0
92.5°	1897.8	1901.9
95°	1886.1	1884.3
97.5°	1877.0	1879.4
100°	1856.1	1858.8
102.5°	1825.8	1826.4
105°	1803.5	1809.8
107.5°	1762.0	1773.5
110°	1717.0	1735.3



TEST NUMBER: P231917

CATALOG NUMBER: FVS4WM-2-LD4-35-2HI-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	357.5°	360°
112.5°	1663.3	1688.2
115°	1606.8	1633.3
117.5°	1536.8	1562.7
120°	1462.4	1483.3
122.5°	1365.7	1384.3
125°	1235.5	1247.0
127.5°	1076.6	1081.4
130°	904.6	902.9
132.5°	758.2	754.9
135°	656.5	654.9
137.5°	578.4	580.4
140°	503.1	505.9
142.5°	436.2	440.2
145°	368.1	371.6
147.5°	307.2	309.8
150°	257.1	258.8
152.5°	213.0	213.7
155°	182.3	182.3
157.5°	156.5	155.9
160°	134.5	133.3
162.5°	109.5	107.8
165°	90.8	89.2
167.5°	77.7	76.5
170°	64.6	63.7
172.5°	49.6	49.0
175°	36.7	36.3
177.5°	14.9	14.7
180°	0.0	0.0

(END OF REPORT)