

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: P231915

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

Issue Date: 3/3/2020



**Test Information**

Test Method: LM-79-08  
Report Number: P231915  
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-LD4-50-2STD-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**

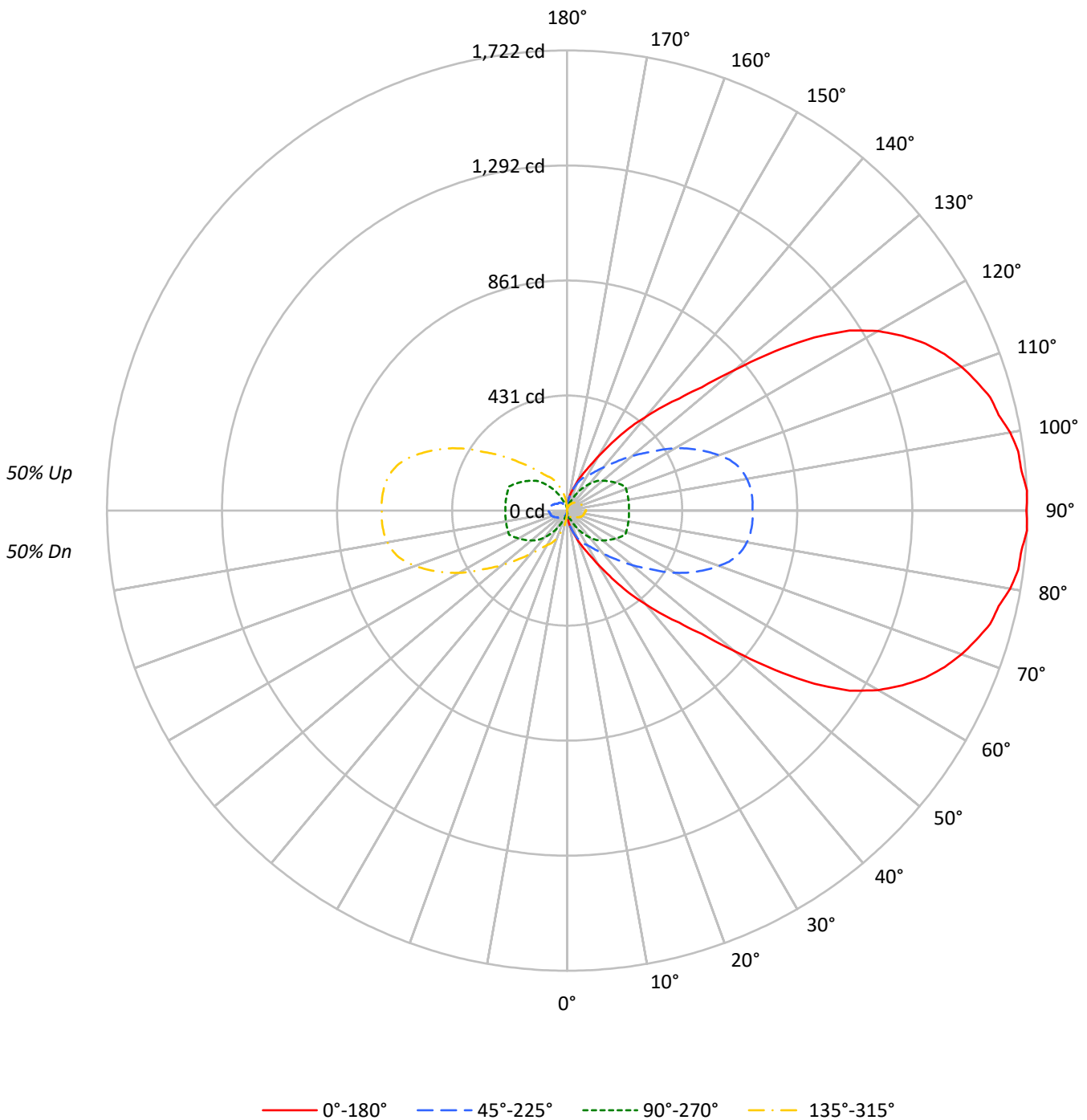
Lumens per Lamp: N/A  
Luminaire Lumens: 3935.3 lumens  
Efficiency: N/A  
Efficacy: 116.1 lumens/watt  
Spacing Criteria (0/90/45): - / - / -  
Luminous Opening: Rectangular w/ Sides (W: 1.92' x L: 0.19' x H: 0.31')  
CIE Type: General Diffuse

Input Watts (W): 33.9  
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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CATALOG NUMBER: FVS4WM-2-LD4-50-2STD-P125-UNV-EDC1

### Luminous Intensity Polar Plot





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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°	863	264	0	264
10°	1356	526	0	526
15°	1732	793	0	793
20°	2397	1071	0	1071
25°	3072	1625	0	1625
30°	4131	2491	0	2491
35°	5678	3433	0	3433
40°	7469	4488	0	4488
45°	9421	5692	0	5692
50°	12761	6785	0	6785
55°	17447	8107	0	8107
60°	20705	9763	14	9763
65°	22920	11894	14	11894
70°	24669	14201	14	14201
75°	26272	16821	14	16821
80°	27782	20872	0	20872
85°	29251	27830	0	27830



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	1.8	0.0
10°-20°	12.6	0.3
20°-30°	35.3	0.9
30°-40°	78.4	2.0
40°-50°	151.5	3.8
50°-60°	269.7	6.9
60°-70°	397.6	10.1
70°-80°	487.7	12.4
80°-90°	533.1	13.5
90°-100°	533.1	13.5
100°-110°	487.7	12.4
110°-120°	397.6	10.1
120°-130°	269.7	6.9
130°-140°	151.5	3.8
140°-150°	78.4	2.0
150°-160°	35.3	0.9
160°-170°	12.6	0.3
170°-180°	1.8	0.0
0°-30°	49.7	1.3
0°-40°	128.1	3.3
0°-60°	549.3	14.0
0°-90°	1967.6	50.0
90°-120°	1418.3	36.0
90°-150°	1917.9	48.7
90°-180°	1968.0	50.0
0°-180°	3935.3	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	0	0	0	0	0	
5°	33	9	0	9	33	4
15°	81	27	0	27	81	25
25°	165	53	0	53	165	80
35°	336	105	0	105	336	217
45°	593	156	0	156	593	476
55°	1129	191	0	191	1129	1001
65°	1479	226	1	226	1479	1461
75°	1639	234	1	234	1639	1727
85°	1707	232	0	232	1707	1392
90°	1719	231	0	231	1719	943
95°	1707	232	0	232	1707	1392
105°	1639	234	1	234	1639	1727
115°	1479	226	1	226	1479	1461
125°	1129	191	0	191	1129	1001
135°	593	156	0	156	593	476
145°	336	105	0	105	336	217
155°	165	53	0	53	165	80
165°	81	27	0	27	81	25
175°	33	9	0	9	33	4
180°	0	0	0	0	0	



TEST NUMBER: P231915

CATALOG NUMBER: FVS4WM-2-LD4-50-2STD-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°	13.3	13.5	13.7	13.9	14.0	14.2	14.4	14.0	14.0	13.9	13.9
5°	32.9	33.2	33.5	33.9	34.2	33.6	33.5	33.3	33.1	32.8	32.4
7.5°	44.4	44.9	45.5	46.0	46.0	46.3	46.4	46.5	46.5	46.4	46.3
10°	57.7	58.5	59.3	60.1	60.1	60.4	60.6	60.6	60.6	60.4	60.2
12.5°	69.3	70.4	71.5	72.1	72.8	73.4	73.8	74.1	74.2	74.2	74.1
15°	80.8	82.3	83.8	84.6	85.6	86.4	87.0	87.5	87.7	87.8	87.7
17.5°	97.7	99.2	100.7	101.3	102.0	102.5	102.9	103.0	103.0	102.8	102.4
20°	120.8	121.8	122.9	122.4	122.4	122.1	121.6	120.9	120.1	119.2	118.2
22.5°	141.2	141.8	142.3	141.4	140.9	140.1	139.2	138.0	136.7	135.3	133.8
25°	165.2	165.2	164.3	163.2	161.7	159.9	157.9	155.6	153.0	150.3	147.5
27.5°	193.6	193.0	191.1	189.0	186.5	183.4	179.9	176.1	172.0	167.5	163.4
30°	234.4	232.9	229.4	225.5	220.8	215.4	209.3	202.6	195.5	187.8	182.2
32.5°	280.6	278.2	273.3	268.0	261.5	254.1	245.7	236.5	226.6	216.7	207.4
35°	336.5	333.3	326.8	319.6	310.9	300.7	289.3	276.6	262.7	250.1	237.4
37.5°	398.7	395.1	387.3	378.6	367.9	355.4	341.1	325.0	307.6	291.0	273.4
40°	458.2	455.6	448.5	440.1	429.1	415.6	399.3	380.4	360.1	339.0	316.4
42.5°	525.6	523.8	516.5	507.6	495.9	481.1	463.4	442.7	420.0	394.6	366.1
45°	593.1	594.6	589.6	582.3	570.9	555.0	534.5	512.4	484.7	456.7	427.2
47.5°	683.7	686.7	680.8	672.5	659.3	641.4	618.6	592.0	561.3	525.2	493.9
50°	817.8	819.3	807.3	792.4	771.6	745.2	713.8	682.7	648.7	609.1	569.3
52.5°	979.4	975.0	953.8	930.0	900.5	866.3	828.6	788.3	740.6	691.1	645.6
55°	1129.4	1119.0	1091.5	1061.5	1026.0	986.1	942.3	893.3	836.8	778.6	720.5
57.5°	1253.7	1236.8	1204.7	1170.9	1132.7	1091.4	1044.3	989.4	933.6	864.8	797.4
60°	1343.4	1324.5	1292.4	1257.8	1217.9	1173.2	1124.8	1074.2	1015.7	947.8	875.7
62.5°	1415.3	1391.9	1362.6	1328.0	1288.4	1244.8	1195.1	1143.1	1085.5	1024.0	948.5
65°	1479.3	1455.3	1425.3	1389.5	1348.0	1302.8	1254.5	1202.6	1144.0	1081.6	1013.6
67.5°	1529.0	1506.5	1478.2	1443.6	1402.8	1356.3	1304.7	1249.9	1192.8	1129.8	1063.7
70°	1571.6	1555.0	1530.8	1497.0	1451.3	1401.8	1349.7	1291.6	1230.8	1171.8	1110.9
72.5°	1606.2	1595.8	1577.9	1550.5	1503.7	1444.1	1385.7	1327.1	1267.9	1209.3	1149.8
75°	1639.1	1633.4	1619.9	1588.2	1538.2	1480.5	1417.9	1359.9	1302.1	1241.0	1179.7
77.5°	1654.2	1653.6	1647.8	1615.3	1565.1	1508.2	1448.4	1389.1	1328.9	1266.1	1203.3
80°	1683.5	1681.0	1668.7	1637.3	1587.2	1529.6	1470.4	1411.4	1349.7	1284.5	1220.4
82.5°	1702.1	1699.9	1689.4	1665.1	1611.8	1546.4	1482.4	1420.3	1362.0	1300.9	1237.8
85°	1706.6	1708.2	1702.6	1674.2	1623.0	1558.5	1493.3	1432.4	1372.7	1312.6	1248.7
87.5°	1722.5	1718.9	1705.3	1681.5	1629.8	1569.8	1504.5	1439.8	1376.7	1316.9	1253.2
90°	1719.0	1717.2	1707.4	1684.4	1627.5	1566.3	1505.9	1439.3	1373.6	1314.1	1251.9
92.5°	1722.5	1718.9	1705.3	1681.5	1629.8	1569.8	1504.5	1439.8	1376.7	1316.9	1253.2
95°	1706.6	1708.2	1702.6	1674.2	1623.0	1558.5	1493.3	1432.4	1372.7	1312.6	1248.7
97.5°	1702.1	1699.9	1689.4	1665.1	1611.8	1546.4	1482.4	1420.3	1362.0	1300.9	1237.8
100°	1683.5	1681.0	1668.7	1637.3	1587.2	1529.6	1470.4	1411.4	1349.7	1284.5	1220.4
102.5°	1654.2	1653.6	1647.8	1615.3	1565.1	1508.2	1448.4	1389.1	1328.9	1266.1	1203.3
105°	1639.1	1633.4	1619.9	1588.2	1538.2	1480.5	1417.9	1359.9	1302.1	1241.0	1179.7
107.5°	1606.2	1595.8	1577.9	1550.5	1503.7	1444.1	1385.7	1327.1	1267.9	1209.3	1149.8
110°	1571.6	1555.0	1530.8	1497.0	1451.3	1401.8	1349.7	1291.6	1230.8	1171.8	1110.9



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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°	1529.0	1506.5	1478.2	1443.6	1402.8	1356.3	1304.7	1249.9	1192.8	1129.8	1063.7
115°	1479.3	1455.3	1425.3	1389.5	1348.0	1302.8	1254.5	1202.6	1144.0	1081.6	1013.6
117.5°	1415.3	1391.9	1362.6	1328.0	1288.4	1244.8	1195.1	1143.1	1085.5	1024.0	948.5
120°	1343.4	1324.5	1292.4	1257.8	1217.9	1173.2	1124.8	1074.2	1015.7	947.8	875.7
122.5°	1253.7	1236.8	1204.7	1170.9	1132.7	1091.4	1044.3	989.4	933.6	864.8	797.4
125°	1129.4	1119.0	1091.5	1061.5	1026.0	986.1	942.3	893.3	836.8	778.6	720.5
127.5°	979.4	975.0	953.8	930.0	900.5	866.3	828.6	788.3	740.6	691.1	645.6
130°	817.8	819.3	807.3	792.4	771.6	745.2	713.8	682.7	648.7	609.1	569.3
132.5°	683.7	686.7	680.8	672.5	659.3	641.4	618.6	592.0	561.3	525.2	493.9
135°	593.1	594.6	589.6	582.3	570.9	555.0	534.5	512.4	484.7	456.7	427.2
137.5°	525.6	523.8	516.5	507.6	495.9	481.1	463.4	442.7	420.0	394.6	366.1
140°	458.2	455.6	448.5	440.1	429.1	415.6	399.3	380.4	360.1	339.0	316.4
142.5°	398.7	395.1	387.3	378.6	367.9	355.4	341.1	325.0	307.6	291.0	273.4
145°	336.5	333.3	326.8	319.6	310.9	300.7	289.3	276.6	262.7	250.1	237.4
147.5°	280.6	278.2	273.3	268.0	261.5	254.1	245.7	236.5	226.6	216.7	207.4
150°	234.4	232.9	229.4	225.5	220.8	215.4	209.3	202.6	195.5	187.8	182.2
152.5°	193.6	193.0	191.1	189.0	186.5	183.4	179.9	176.1	172.0	167.5	163.4
155°	165.2	165.2	164.3	163.2	161.7	159.9	157.9	155.6	153.0	150.3	147.5
157.5°	141.2	141.8	142.3	141.4	140.9	140.1	139.2	138.0	136.7	135.3	133.8
160°	120.8	121.8	122.9	122.4	122.4	122.1	121.6	120.9	120.1	119.2	118.2
162.5°	97.7	99.2	100.7	101.3	102.0	102.5	102.9	103.0	103.0	102.8	102.4
165°	80.8	82.3	83.8	84.6	85.6	86.4	87.0	87.5	87.7	87.8	87.7
167.5°	69.3	70.4	71.5	72.1	72.8	73.4	73.8	74.1	74.2	74.2	74.1
170°	57.7	58.5	59.3	60.1	60.1	60.4	60.6	60.6	60.6	60.4	60.2
172.5°	44.4	44.9	45.5	46.0	46.0	46.3	46.4	46.5	46.5	46.4	46.3
175°	32.9	33.2	33.5	33.9	34.2	33.6	33.5	33.3	33.1	32.8	32.4
177.5°	13.3	13.5	13.7	13.9	14.0	14.2	14.4	14.0	14.0	13.9	13.9
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°	13.8	13.7	13.5	13.3	13.2	12.9	12.7	12.4	12.2	11.9	11.5
5°	32.0	31.5	30.9	30.2	29.5	28.8	27.9	27.1	26.1	25.1	24.1
7.5°	46.0	45.7	45.3	44.8	44.3	43.6	42.9	42.1	41.3	39.9	38.4
10°	59.8	59.2	58.6	57.8	56.9	55.9	54.9	53.9	52.7	51.5	50.1
12.5°	73.8	73.3	72.7	72.0	71.0	69.8	68.4	66.8	65.2	63.3	61.4
15°	87.5	87.0	86.3	85.5	84.4	83.2	81.8	80.2	78.4	76.2	73.8
17.5°	101.8	101.1	100.4	99.4	98.2	96.8	95.2	93.3	91.2	88.9	86.4
20°	117.1	116.1	115.0	113.8	112.4	110.9	109.1	106.9	104.5	101.8	98.8
22.5°	132.3	130.6	129.0	127.4	125.9	124.2	122.3	120.3	118.3	115.1	111.7
25°	145.3	143.2	141.1	139.1	137.2	135.5	133.9	132.4	130.1	127.7	125.6
27.5°	159.8	156.1	152.4	149.2	146.8	144.6	142.9	141.2	140.1	138.7	136.1
30°	176.5	170.7	165.2	160.6	156.5	152.5	150.2	148.2	148.3	149.6	150.6
32.5°	197.8	188.0	180.3	173.6	166.9	161.9	160.5	160.0	160.9	161.6	162.6
35°	224.2	211.3	200.2	189.0	182.0	179.2	175.9	174.9	173.8	174.1	174.7
37.5°	254.9	238.9	223.5	215.0	207.4	200.1	195.3	191.1	188.5	187.1	186.8
40°	293.4	273.7	259.7	248.0	236.8	226.4	217.6	210.0	205.0	201.3	199.6
42.5°	340.9	322.1	303.2	287.0	271.5	256.9	243.0	232.9	223.4	217.4	213.3
45°	401.8	375.4	352.4	329.6	309.5	290.2	273.7	257.3	245.7	235.2	228.3
47.5°	464.7	434.5	404.9	376.2	350.9	327.3	306.0	287.1	269.0	255.9	245.5
50°	528.5	493.1	458.8	426.1	395.4	366.3	340.4	317.3	296.8	278.1	263.6
52.5°	599.7	554.8	512.6	475.1	439.6	407.1	376.1	349.2	326.1	302.7	291.8
55°	667.7	617.5	569.4	523.5	483.4	446.3	411.8	382.1	361.4	343.9	330.6
57.5°	735.0	676.7	623.9	573.7	526.7	485.4	453.5	425.4	401.3	382.9	368.9
60°	800.3	734.3	674.1	620.1	574.2	532.4	495.7	465.6	440.6	420.5	405.2
62.5°	869.7	788.1	724.7	672.3	624.1	576.8	537.0	503.9	477.1	455.3	439.3
65°	932.6	852.6	777.1	720.9	670.5	621.8	575.7	538.5	511.0	489.2	472.9
67.5°	992.8	910.4	831.7	764.8	711.9	663.4	613.1	573.0	543.1	520.8	504.2
70°	1040.9	960.0	879.7	803.7	748.7	699.8	650.4	604.9	572.0	549.7	533.5
72.5°	1084.7	1001.7	916.5	840.1	779.3	731.7	684.6	635.2	598.6	576.8	561.2
75°	1115.5	1040.0	948.2	867.2	803.5	758.9	710.6	657.7	620.5	598.6	584.9
77.5°	1140.7	1071.8	975.4	891.7	825.0	772.0	722.3	672.9	636.5	617.5	606.7
80°	1159.3	1092.4	1004.9	914.2	841.3	783.6	731.7	683.4	648.6	634.0	627.0
82.5°	1176.9	1110.2	1027.0	931.9	853.7	793.4	738.7	690.1	657.5	648.7	646.0
85°	1189.3	1123.9	1041.7	944.4	862.3	801.2	743.3	693.4	664.0	662.1	664.2
87.5°	1196.2	1135.8	1052.4	954.3	868.9	808.1	746.6	694.9	669.1	674.6	681.9
90°	1197.8	1135.6	1049.5	953.6	868.4	808.9	745.0	693.5	673.9	687.2	699.7
92.5°	1196.2	1135.8	1052.4	954.3	868.9	808.1	746.6	694.9	669.1	674.6	681.9
95°	1189.3	1123.9	1041.7	944.4	862.3	801.2	743.3	693.4	664.0	662.1	664.2
97.5°	1176.9	1110.2	1027.0	931.9	853.7	793.4	738.7	690.1	657.5	648.7	646.0
100°	1159.3	1092.4	1004.9	914.2	841.3	783.6	731.7	683.4	648.6	634.0	627.0
102.5°	1140.7	1071.8	975.4	891.7	825.0	772.0	722.3	672.9	636.5	617.5	606.7
105°	1115.5	1040.0	948.2	867.2	803.5	758.9	710.6	657.7	620.5	598.6	584.9
107.5°	1084.7	1001.7	916.5	840.1	779.3	731.7	684.6	635.2	598.6	576.8	561.2
110°	1040.9	960.0	879.7	803.7	748.7	699.8	650.4	604.9	572.0	549.7	533.5





TEST NUMBER: P231915

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

**CANDELA DISTRIBUTION (continued):**

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
112.5°	992.8	910.4	831.7	764.8	711.9	663.4	613.1	573.0	543.1	520.8	504.2
115°	932.6	852.6	777.1	720.9	670.5	621.8	575.7	538.5	511.0	489.2	472.9
117.5°	869.7	788.1	724.7	672.3	624.1	576.8	537.0	503.9	477.1	455.3	439.3
120°	800.3	734.3	674.1	620.1	574.2	532.4	495.7	465.6	440.6	420.5	405.2
122.5°	735.0	676.7	623.9	573.7	526.7	485.4	453.5	425.4	401.3	382.9	368.9
125°	667.7	617.5	569.4	523.5	483.4	446.3	411.8	382.1	361.4	343.9	330.6
127.5°	599.7	554.8	512.6	475.1	439.6	407.1	376.1	349.2	326.1	302.7	291.8
130°	528.5	493.1	458.8	426.1	395.4	366.3	340.4	317.3	296.8	278.1	263.6
132.5°	464.7	434.5	404.9	376.2	350.9	327.3	306.0	287.1	269.0	255.9	245.5
135°	401.8	375.4	352.4	329.6	309.5	290.2	273.7	257.3	245.7	235.2	228.3
137.5°	340.9	322.1	303.2	287.0	271.5	256.9	243.0	232.9	223.4	217.4	213.3
140°	293.4	273.7	259.7	248.0	236.8	226.4	217.6	210.0	205.0	201.3	199.6
142.5°	254.9	238.9	223.5	215.0	207.4	200.1	195.3	191.1	188.5	187.1	186.8
145°	224.2	211.3	200.2	189.0	182.0	179.2	175.9	174.9	173.8	174.1	174.7
147.5°	197.8	188.0	180.3	173.6	166.9	161.9	160.5	160.0	160.9	161.6	162.6
150°	176.5	170.7	165.2	160.6	156.5	152.5	150.2	148.2	148.3	149.6	150.6
152.5°	159.8	156.1	152.4	149.2	146.8	144.6	142.9	141.2	140.1	138.7	136.1
155°	145.3	143.2	141.1	139.1	137.2	135.5	133.9	132.4	130.1	127.7	125.6
157.5°	132.3	130.6	129.0	127.4	125.9	124.2	122.3	120.3	118.3	115.1	111.7
160°	117.1	116.1	115.0	113.8	112.4	110.9	109.1	106.9	104.5	101.8	98.8
162.5°	101.8	101.1	100.4	99.4	98.2	96.8	95.2	93.3	91.2	88.9	86.4
165°	87.5	87.0	86.3	85.5	84.4	83.2	81.8	80.2	78.4	76.2	73.8
167.5°	73.8	73.3	72.7	72.0	71.0	69.8	68.4	66.8	65.2	63.3	61.4
170°	59.8	59.2	58.6	57.8	56.9	55.9	54.9	53.9	52.7	51.5	50.1
172.5°	46.0	45.7	45.3	44.8	44.3	43.6	42.9	42.1	41.3	39.9	38.4
175°	32.0	31.5	30.9	30.2	29.5	28.8	27.9	27.1	26.1	25.1	24.1
177.5°	13.8	13.7	13.5	13.3	13.2	12.9	12.7	12.4	12.2	11.9	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: P231915

CATALOG NUMBER: FVS4WM-2-LD4-50-2STD-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°	11.2	10.8	10.4	10.0	9.6	9.1	8.7	8.2	7.7	7.2	6.7
5°	23.0	21.8	20.7	19.8	19.0	18.1	17.2	16.2	15.3	14.3	13.2
7.5°	36.8	35.1	33.3	31.5	29.6	27.7	25.7	24.2	22.7	21.3	19.7
10°	48.6	47.1	45.6	43.1	40.6	38.1	35.5	32.9	30.2	28.2	26.2
12.5°	59.5	57.5	55.4	53.2	50.8	48.1	45.0	41.8	38.6	35.3	32.5
15°	71.3	68.5	66.1	63.0	60.1	57.1	54.0	50.3	46.6	42.8	38.9
17.5°	84.0	80.4	76.9	73.3	69.7	66.1	62.3	58.4	54.3	50.0	45.6
20°	95.6	92.2	88.5	84.3	79.9	75.3	70.9	66.3	61.6	56.9	52.2
22.5°	108.0	104.1	99.9	95.5	90.5	85.3	79.8	74.5	69.0	63.6	58.5
25°	120.9	116.4	111.6	106.5	102.4	97.9	92.9	87.8	82.8	77.6	72.5
27.5°	134.7	132.0	128.2	124.1	119.8	115.2	109.9	104.4	98.9	93.3	87.7
30°	149.9	148.5	145.8	141.5	136.9	132.0	126.7	120.8	115.0	108.8	102.8
32.5°	163.6	163.1	161.6	158.4	153.7	148.5	142.9	136.9	130.4	124.1	117.7
35°	175.5	176.3	175.7	174.1	170.0	164.8	158.9	153.1	146.0	139.1	132.6
37.5°	187.4	188.1	188.9	187.7	186.4	180.5	174.7	168.2	161.3	154.0	147.2
40°	199.3	199.8	200.6	200.9	199.5	195.9	190.2	183.5	176.4	168.9	161.7
42.5°	211.4	211.6	212.2	212.9	212.4	211.0	205.1	198.6	191.3	183.6	176.1
45°	224.7	223.0	223.7	224.4	224.9	223.8	219.8	213.5	205.9	198.0	190.2
47.5°	237.6	235.6	235.0	235.8	236.4	237.7	238.0	232.9	225.3	216.3	206.5
50°	254.1	249.6	255.8	262.7	266.7	267.5	266.1	259.0	248.9	236.8	223.9
52.5°	286.6	288.3	295.1	300.7	302.6	299.4	294.9	286.2	273.5	258.0	242.1
55°	324.3	326.4	333.2	340.6	340.9	333.9	325.3	314.4	299.2	280.2	260.9
57.5°	361.2	361.3	370.5	380.1	380.0	370.8	357.2	343.7	325.6	303.1	280.2
60°	395.5	394.7	406.1	417.9	420.6	410.0	390.3	373.6	352.4	326.6	299.9
62.5°	429.9	428.9	439.2	455.0	462.5	451.1	425.2	404.0	379.7	350.7	320.1
65°	462.9	461.2	470.3	491.5	505.4	491.9	462.2	435.2	407.6	375.3	340.5
67.5°	493.7	491.6	499.6	526.2	543.0	532.5	500.5	467.1	435.8	400.2	361.2
70°	522.9	522.1	531.5	557.0	573.0	560.5	523.0	481.6	445.6	407.1	365.8
72.5°	550.4	547.5	554.1	569.9	580.3	567.2	529.2	485.0	447.8	409.3	367.6
75°	574.8	570.5	575.6	586.2	590.0	574.3	534.6	488.2	449.6	411.0	369.0
77.5°	598.4	593.2	597.3	605.3	601.6	581.7	539.5	491.0	451.0	412.3	370.0
80°	621.5	615.7	619.1	626.6	614.5	589.1	543.6	493.4	451.9	413.1	370.5
82.5°	644.0	638.1	641.1	649.5	628.4	596.3	547.0	495.4	452.4	413.5	371.8
85°	666.1	660.4	663.3	673.4	642.7	605.0	551.2	498.1	453.3	414.2	371.0
87.5°	688.0	682.7	685.6	697.9	657.3	609.7	551.8	498.1	452.2	413.1	370.2
90°	709.4	705.0	708.5	721.0	670.4	614.4	552.3	498.1	451.1	412.0	369.4
92.5°	688.0	682.7	685.6	697.9	657.3	609.7	551.8	498.1	452.2	413.1	370.2
95°	666.1	660.4	663.3	673.4	642.7	605.0	551.2	498.1	453.3	414.2	371.0
97.5°	644.0	638.1	641.1	649.5	628.4	596.3	547.0	495.4	452.4	413.5	371.8
100°	621.5	615.7	619.1	626.6	614.5	589.1	543.6	493.4	451.9	413.1	370.5
102.5°	598.4	593.2	597.3	605.3	601.6	581.7	539.5	491.0	451.0	412.3	370.0
105°	574.8	570.5	575.6	586.2	590.0	574.3	534.6	488.2	449.6	411.0	369.0
107.5°	550.4	547.5	554.1	569.9	580.3	567.2	529.2	485.0	447.8	409.3	367.6
110°	522.9	522.1	531.5	557.0	573.0	560.5	523.0	481.6	445.6	407.1	365.8



TEST NUMBER: P231915

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

**CANDELA DISTRIBUTION (continued):**

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
112.5°	493.7	491.6	499.6	526.2	543.0	532.5	500.5	467.1	435.8	400.2	361.2
115°	462.9	461.2	470.3	491.5	505.4	491.9	462.2	435.2	407.6	375.3	340.5
117.5°	429.9	428.9	439.2	455.0	462.5	451.1	425.2	404.0	379.7	350.7	320.1
120°	395.5	394.7	406.1	417.9	420.6	410.0	390.3	373.6	352.4	326.6	299.9
122.5°	361.2	361.3	370.5	380.1	380.0	370.8	357.2	343.7	325.6	303.1	280.2
125°	324.3	326.4	333.2	340.6	340.9	333.9	325.3	314.4	299.2	280.2	260.9
127.5°	286.6	288.3	295.1	300.7	302.6	299.4	294.9	286.2	273.5	258.0	242.1
130°	254.1	249.6	255.8	262.7	266.7	267.5	266.1	259.0	248.9	236.8	223.9
132.5°	237.6	235.6	235.0	235.8	236.4	237.7	238.0	232.9	225.3	216.3	206.5
135°	224.7	223.0	223.7	224.4	224.9	223.8	219.8	213.5	205.9	198.0	190.2
137.5°	211.4	211.6	212.2	212.9	212.4	211.0	205.1	198.6	191.3	183.6	176.1
140°	199.3	199.8	200.6	200.9	199.5	195.9	190.2	183.5	176.4	168.9	161.7
142.5°	187.4	188.1	188.9	187.7	186.4	180.5	174.7	168.2	161.3	154.0	147.2
145°	175.5	176.3	175.7	174.1	170.0	164.8	158.9	153.1	146.0	139.1	132.6
147.5°	163.6	163.1	161.6	158.4	153.7	148.5	142.9	136.9	130.4	124.1	117.7
150°	149.9	148.5	145.8	141.5	136.9	132.0	126.7	120.8	115.0	108.8	102.8
152.5°	134.7	132.0	128.2	124.1	119.8	115.2	109.9	104.4	98.9	93.3	87.7
155°	120.9	116.4	111.6	106.5	102.4	97.9	92.9	87.8	82.8	77.6	72.5
157.5°	108.0	104.1	99.9	95.5	90.5	85.3	79.8	74.5	69.0	63.6	58.5
160°	95.6	92.2	88.5	84.3	79.9	75.3	70.9	66.3	61.6	56.9	52.2
162.5°	84.0	80.4	76.9	73.3	69.7	66.1	62.3	58.4	54.3	50.0	45.6
165°	71.3	68.5	66.1	63.0	60.1	57.1	54.0	50.3	46.6	42.8	38.9
167.5°	59.5	57.5	55.4	53.2	50.8	48.1	45.0	41.8	38.6	35.3	32.5
170°	48.6	47.1	45.6	43.1	40.6	38.1	35.5	32.9	30.2	28.2	26.2
172.5°	36.8	35.1	33.3	31.5	29.6	27.7	25.7	24.2	22.7	21.3	19.7
175°	23.0	21.8	20.7	19.8	19.0	18.1	17.2	16.2	15.3	14.3	13.2
177.5°	11.2	10.8	10.4	10.0	9.6	9.1	8.7	8.2	7.7	7.2	6.7
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: P231915

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

**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
0°	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	5.6	5.0	4.4	4.4	4.4	4.4	4.3	4.3	4.2	4.1
5°	12.2	11.1	10.0	8.9	8.8	8.7	8.6	8.5	8.3	8.2	8.0
7.5°	18.2	16.6	15.0	13.3	13.2	13.0	12.8	12.5	12.3	12.0	11.7
10°	24.1	22.0	19.9	17.8	17.5	17.2	16.8	16.4	16.0	15.6	15.4
12.5°	30.0	27.5	24.9	22.2	21.8	21.3	20.8	20.2	19.7	19.4	19.1
15°	35.8	32.8	29.8	26.7	26.0	25.3	24.6	23.9	23.5	23.2	22.7
17.5°	41.6	38.2	34.7	31.1	30.2	29.3	28.4	27.8	27.3	26.9	26.4
20°	47.3	43.4	39.5	35.6	34.4	33.3	32.1	31.6	31.1	30.6	29.9
22.5°	53.3	48.7	44.4	40.0	38.6	37.1	36.0	35.4	34.8	34.2	33.5
25°	67.4	62.4	57.8	52.9	50.9	48.6	47.0	45.6	44.1	42.4	40.7
27.5°	82.2	76.5	71.3	65.8	63.2	60.3	58.3	56.4	54.4	52.3	50.0
30°	96.8	90.7	84.8	78.8	75.4	71.8	69.5	67.0	64.4	61.7	58.8
32.5°	111.4	104.9	98.4	91.7	87.5	83.3	80.4	77.4	74.1	70.7	67.2
35°	125.9	119.0	111.9	104.6	99.6	94.8	91.2	87.5	83.6	79.4	75.1
37.5°	140.3	133.1	125.5	117.5	111.6	106.2	101.9	97.4	92.9	87.7	82.8
40°	154.6	147.1	139.1	130.5	123.6	117.4	112.3	107.1	101.5	95.6	90.3
42.5°	168.9	161.1	152.6	143.4	135.5	128.6	122.9	116.6	110.0	103.5	97.5
45°	183.0	175.1	166.2	156.3	147.3	139.7	132.9	125.9	118.3	111.0	104.4
47.5°	197.0	187.1	176.6	165.1	154.3	145.3	137.4	129.8	122.1	115.2	108.6
50°	211.4	199.3	187.0	173.9	161.0	150.5	141.2	132.3	124.2	117.4	110.3
52.5°	226.4	211.6	197.5	182.6	167.7	155.6	144.8	134.9	126.2	119.8	112.4
55°	241.8	224.1	208.1	191.4	174.3	160.5	148.3	137.5	128.6	122.3	114.9
57.5°	257.5	236.8	218.7	200.2	180.9	165.3	151.6	140.1	131.3	124.9	117.8
60°	273.7	249.5	229.4	209.0	187.3	170.0	154.9	142.7	134.0	127.7	121.3
62.5°	290.0	262.3	240.0	217.7	193.8	174.6	158.1	145.4	136.9	130.7	124.8
65°	306.7	275.2	250.7	226.5	200.2	179.2	161.1	148.0	139.8	134.1	128.9
67.5°	323.5	288.2	261.5	235.3	206.5	183.7	164.2	150.8	142.9	137.6	133.2
70°	327.5	291.2	262.6	234.8	205.2	182.5	163.1	150.1	142.6	137.7	134.3
72.5°	330.2	294.0	263.6	234.3	203.9	181.2	161.8	149.1	141.4	136.5	133.2
75°	332.6	296.6	265.8	233.8	202.6	180.0	160.7	148.2	140.3	135.2	132.3
77.5°	334.8	299.2	266.5	233.3	201.4	178.9	159.7	147.4	139.1	134.0	131.4
80°	336.6	302.9	267.1	232.9	200.3	177.9	158.8	146.7	138.0	132.8	130.6
82.5°	339.1	304.8	267.8	232.4	199.2	177.1	158.0	146.0	136.9	131.7	129.9
85°	340.0	306.8	268.5	231.9	198.1	176.2	157.3	145.5	135.9	130.7	129.2
87.5°	340.9	308.8	269.2	231.4	197.1	175.5	156.7	145.0	135.0	129.7	128.5
90°	341.8	310.8	269.9	230.9	196.2	174.9	156.3	144.7	134.1	128.7	127.9
92.5°	340.9	308.8	269.2	231.4	197.1	175.5	156.7	145.0	135.0	129.7	128.5
95°	340.0	306.8	268.5	231.9	198.1	176.2	157.3	145.5	135.9	130.7	129.2
97.5°	339.1	304.8	267.8	232.4	199.2	177.1	158.0	146.0	136.9	131.7	129.9
100°	336.6	302.9	267.1	232.9	200.3	177.9	158.8	146.7	138.0	132.8	130.6
102.5°	334.8	299.2	266.5	233.3	201.4	178.9	159.7	147.4	139.1	134.0	131.4
105°	332.6	296.6	265.8	233.8	202.6	180.0	160.7	148.2	140.3	135.2	132.3
107.5°	330.2	294.0	263.6	234.3	203.9	181.2	161.8	149.1	141.4	136.5	133.2
110°	327.5	291.2	262.6	234.8	205.2	182.5	163.1	150.1	142.6	137.7	134.3



TEST NUMBER: P231915

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

**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
112.5°	323.5	288.2	261.5	235.3	206.5	183.7	164.2	150.8	142.9	137.6	133.2
115°	306.7	275.2	250.7	226.5	200.2	179.2	161.1	148.0	139.8	134.1	128.9
117.5°	290.0	262.3	240.0	217.7	193.8	174.6	158.1	145.4	136.9	130.7	124.8
120°	273.7	249.5	229.4	209.0	187.3	170.0	154.9	142.7	134.0	127.7	121.3
122.5°	257.5	236.8	218.7	200.2	180.9	165.3	151.6	140.1	131.3	124.9	117.8
125°	241.8	224.1	208.1	191.4	174.3	160.5	148.3	137.5	128.6	122.3	114.9
127.5°	226.4	211.6	197.5	182.6	167.7	155.6	144.8	134.9	126.2	119.8	112.4
130°	211.4	199.3	187.0	173.9	161.0	150.5	141.2	132.3	124.2	117.4	110.3
132.5°	197.0	187.1	176.6	165.1	154.3	145.3	137.4	129.8	122.1	115.2	108.6
135°	183.0	175.1	166.2	156.3	147.3	139.7	132.9	125.9	118.3	111.0	104.4
137.5°	168.9	161.1	152.6	143.4	135.5	128.6	122.9	116.6	110.0	103.5	97.5
140°	154.6	147.1	139.1	130.5	123.6	117.4	112.3	107.1	101.5	95.6	90.3
142.5°	140.3	133.1	125.5	117.5	111.6	106.2	101.9	97.4	92.9	87.7	82.8
145°	125.9	119.0	111.9	104.6	99.6	94.8	91.2	87.5	83.6	79.4	75.1
147.5°	111.4	104.9	98.4	91.7	87.5	83.3	80.4	77.4	74.1	70.7	67.2
150°	96.8	90.7	84.8	78.8	75.4	71.8	69.5	67.0	64.4	61.7	58.8
152.5°	82.2	76.5	71.3	65.8	63.2	60.3	58.3	56.4	54.4	52.3	50.0
155°	67.4	62.4	57.8	52.9	50.9	48.6	47.0	45.6	44.1	42.4	40.7
157.5°	53.3	48.7	44.4	40.0	38.6	37.1	36.0	35.4	34.8	34.2	33.5
160°	47.3	43.4	39.5	35.6	34.4	33.3	32.1	31.6	31.1	30.6	29.9
162.5°	41.6	38.2	34.7	31.1	30.2	29.3	28.4	27.8	27.3	26.9	26.4
165°	35.8	32.8	29.8	26.7	26.0	25.3	24.6	23.9	23.5	23.2	22.7
167.5°	30.0	27.5	24.9	22.2	21.8	21.3	20.8	20.2	19.7	19.4	19.1
170°	24.1	22.0	19.9	17.8	17.5	17.2	16.8	16.4	16.0	15.6	15.4
172.5°	18.2	16.6	15.0	13.3	13.2	13.0	12.8	12.5	12.3	12.0	11.7
175°	12.2	11.1	10.0	8.9	8.8	8.7	8.6	8.5	8.3	8.2	8.0
177.5°	6.1	5.6	5.0	4.4	4.4	4.4	4.4	4.3	4.3	4.2	4.1
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: P231915

CATALOG NUMBER: FVS4WM-2-LD4-50-2STD-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°	4.0	4.0	3.9	3.8	3.7	3.6	3.5	3.3	3.2	3.1	2.9
5°	7.8	7.7	7.4	7.2	7.0	6.8	6.6	6.4	6.2	5.9	5.7
7.5°	11.4	11.2	10.9	10.7	10.4	10.1	9.8	9.5	9.1	8.7	8.4
10°	15.1	14.8	14.4	14.1	13.7	13.3	12.9	12.4	12.0	11.5	11.0
12.5°	18.7	18.3	17.9	17.4	16.9	16.4	15.9	15.3	14.7	14.1	13.5
15°	22.3	21.8	21.3	20.7	20.1	19.5	18.8	18.2	17.5	16.7	16.0
17.5°	25.8	25.2	24.6	23.9	23.2	22.5	21.7	20.9	20.1	19.3	18.4
20°	29.3	28.6	27.8	27.1	26.2	25.4	24.6	23.7	22.7	21.8	20.8
22.5°	32.7	31.9	31.0	30.2	29.3	28.3	27.4	26.3	25.3	24.2	23.0
25°	38.9	37.0	35.1	33.3	32.2	31.2	30.1	28.9	27.7	26.5	25.3
27.5°	47.6	45.3	43.0	40.7	38.2	35.8	33.5	31.4	30.1	28.8	27.4
30°	55.9	53.1	50.4	47.3	44.3	41.4	38.7	36.1	33.7	31.5	29.3
32.5°	63.7	60.5	56.9	53.1	49.5	46.1	43.0	40.1	37.3	34.5	31.8
35°	71.3	67.3	62.7	58.2	54.0	50.1	46.6	43.3	40.1	37.0	34.4
37.5°	78.4	73.2	67.7	62.6	57.8	53.6	49.6	45.9	42.5	39.4	36.5
40°	85.0	78.5	72.3	66.4	61.3	56.5	52.2	48.2	44.5	41.3	38.4
42.5°	90.7	83.2	76.2	69.8	64.2	59.2	54.5	50.1	46.3	43.0	40.0
45°	96.0	87.6	79.6	72.9	66.9	61.5	56.4	51.8	48.0	44.5	41.4
47.5°	99.9	91.3	83.0	75.6	69.4	63.5	57.9	53.5	49.5	45.9	42.4
50°	101.8	93.6	85.9	78.6	72.1	65.3	59.7	55.0	50.9	46.9	43.2
52.5°	104.4	96.6	88.9	82.0	75.2	68.5	63.0	57.6	52.1	47.7	43.7
55°	107.4	100.0	92.4	85.5	78.6	72.7	67.5	62.2	56.1	50.1	44.3
57.5°	111.0	103.6	96.2	89.2	82.3	77.4	72.4	66.6	60.1	53.5	47.3
60°	114.9	107.5	100.2	93.2	87.1	82.5	77.6	70.9	63.8	56.8	50.1
62.5°	119.1	111.6	104.4	97.4	92.3	87.9	82.5	75.1	67.2	59.9	52.8
65°	123.4	116.0	108.7	101.9	97.9	93.7	87.2	79.0	70.7	62.8	55.1
67.5°	127.9	120.5	113.3	107.0	103.7	99.6	91.9	82.8	74.1	65.5	57.5
70°	129.6	123.2	117.0	112.4	109.7	105.2	96.5	86.6	77.4	68.0	59.8
72.5°	128.7	122.9	117.1	113.0	110.5	106.1	98.3	89.3	80.6	70.5	62.1
75°	128.1	122.8	117.4	113.7	110.6	105.4	97.7	89.1	80.0	71.0	63.3
77.5°	127.7	123.0	117.9	114.2	110.7	105.1	97.7	89.2	79.9	71.2	63.7
80°	127.5	123.3	118.5	114.7	110.9	105.1	98.1	89.6	80.0	71.7	64.5
82.5°	127.4	123.8	119.4	115.3	111.0	105.3	98.9	90.2	80.6	72.6	65.6
85°	127.5	124.5	120.3	115.8	111.2	105.8	100.0	91.2	81.5	73.8	67.1
87.5°	127.7	125.3	121.4	116.5	111.5	106.5	101.4	92.5	82.8	75.3	68.9
90°	127.9	126.1	122.5	117.2	111.9	107.4	103.0	94.1	84.4	77.2	71.0
92.5°	127.7	125.3	121.4	116.5	111.5	106.5	101.4	92.5	82.8	75.3	68.9
95°	127.5	124.5	120.3	115.8	111.2	105.8	100.0	91.2	81.5	73.8	67.1
97.5°	127.4	123.8	119.4	115.3	111.0	105.3	98.9	90.2	80.6	72.6	65.6
100°	127.5	123.3	118.5	114.7	110.9	105.1	98.1	89.6	80.0	71.7	64.5
102.5°	127.7	123.0	117.9	114.2	110.7	105.1	97.7	89.2	79.9	71.2	63.7
105°	128.1	122.8	117.4	113.7	110.6	105.4	97.7	89.1	80.0	71.0	63.3
107.5°	128.7	122.9	117.1	113.0	110.5	106.1	98.3	89.3	80.6	70.5	62.1
110°	129.6	123.2	117.0	112.4	109.7	105.2	96.5	86.6	77.4	68.0	59.8



TEST NUMBER: P231915

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

**CANDELA DISTRIBUTION (continued):**

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
112.5°	127.9	120.5	113.3	107.0	103.7	99.6	91.9	82.8	74.1	65.5	57.5
115°	123.4	116.0	108.7	101.9	97.9	93.7	87.2	79.0	70.7	62.8	55.1
117.5°	119.1	111.6	104.4	97.4	92.3	87.9	82.5	75.1	67.2	59.9	52.8
120°	114.9	107.5	100.2	93.2	87.1	82.5	77.6	70.9	63.8	56.8	50.1
122.5°	111.0	103.6	96.2	89.2	82.3	77.4	72.4	66.6	60.1	53.5	47.3
125°	107.4	100.0	92.4	85.5	78.6	72.7	67.5	62.2	56.1	50.1	44.3
127.5°	104.4	96.6	88.9	82.0	75.2	68.5	63.0	57.6	52.1	47.7	43.7
130°	101.8	93.6	85.9	78.6	72.1	65.3	59.7	55.0	50.9	46.9	43.2
132.5°	99.9	91.3	83.0	75.6	69.4	63.5	57.9	53.5	49.5	45.9	42.4
135°	96.0	87.6	79.6	72.9	66.9	61.5	56.4	51.8	48.0	44.5	41.4
137.5°	90.7	83.2	76.2	69.8	64.2	59.2	54.5	50.1	46.3	43.0	40.0
140°	85.0	78.5	72.3	66.4	61.3	56.5	52.2	48.2	44.5	41.3	38.4
142.5°	78.4	73.2	67.7	62.6	57.8	53.6	49.6	45.9	42.5	39.4	36.5
145°	71.3	67.3	62.7	58.2	54.0	50.1	46.6	43.3	40.1	37.0	34.4
147.5°	63.7	60.5	56.9	53.1	49.5	46.1	43.0	40.1	37.3	34.5	31.8
150°	55.9	53.1	50.4	47.3	44.3	41.4	38.7	36.1	33.7	31.5	29.3
152.5°	47.6	45.3	43.0	40.7	38.2	35.8	33.5	31.4	30.1	28.8	27.4
155°	38.9	37.0	35.1	33.3	32.2	31.2	30.1	28.9	27.7	26.5	25.3
157.5°	32.7	31.9	31.0	30.2	29.3	28.3	27.4	26.3	25.3	24.2	23.0
160°	29.3	28.6	27.8	27.1	26.2	25.4	24.6	23.7	22.7	21.8	20.8
162.5°	25.8	25.2	24.6	23.9	23.2	22.5	21.7	20.9	20.1	19.3	18.4
165°	22.3	21.8	21.3	20.7	20.1	19.5	18.8	18.2	17.5	16.7	16.0
167.5°	18.7	18.3	17.9	17.4	16.9	16.4	15.9	15.3	14.7	14.1	13.5
170°	15.1	14.8	14.4	14.1	13.7	13.3	12.9	12.4	12.0	11.5	11.0
172.5°	11.4	11.2	10.9	10.7	10.4	10.1	9.8	9.5	9.1	8.7	8.4
175°	7.8	7.7	7.4	7.2	7.0	6.8	6.6	6.4	6.2	5.9	5.7
177.5°	4.0	4.0	3.9	3.8	3.7	3.6	3.5	3.3	3.2	3.1	2.9
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: P231915

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

**CANDELA DISTRIBUTION (continued):**

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	2.8	2.7	2.5	2.4	2.2	2.1	1.9	1.7	1.6	1.4	1.2
5°	5.4	5.1	4.9	4.6	4.3	4.0	3.7	3.4	3.0	2.7	2.4
7.5°	8.0	7.6	7.2	6.7	6.3	5.9	5.4	4.9	4.5	4.0	3.5
10°	10.5	9.9	9.4	8.8	8.2	7.7	7.1	6.4	5.8	5.2	4.6
12.5°	12.9	12.2	11.5	10.8	10.1	9.4	8.7	7.9	7.2	6.4	5.6
15°	15.2	14.4	13.6	12.8	12.0	11.1	10.2	9.3	8.4	7.5	6.6
17.5°	17.5	16.6	15.7	14.7	13.7	12.7	11.7	10.7	9.7	8.6	7.6
20°	19.7	18.7	17.6	16.5	15.4	14.3	13.2	12.0	10.8	9.7	8.5
22.5°	21.9	20.7	19.5	18.3	17.1	15.8	14.6	13.2	11.9	10.5	9.2
25°	24.0	22.7	21.4	20.0	18.5	17.0	15.5	14.1	12.7	11.3	9.9
27.5°	26.0	24.4	22.8	21.1	19.6	18.2	16.7	15.2	13.7	12.2	10.7
30°	27.5	25.7	24.2	22.6	21.1	19.5	17.9	16.3	14.7	13.1	11.5
32.5°	29.5	27.5	25.8	24.2	22.5	20.8	19.1	17.4	15.7	14.0	12.3
35°	31.9	29.7	27.6	25.7	23.9	22.1	20.3	18.5	16.7	14.9	13.0
37.5°	34.0	31.6	29.4	27.3	25.3	23.4	21.5	19.6	17.7	15.7	13.8
40°	35.7	33.2	30.9	28.7	26.6	24.7	22.7	20.6	18.6	16.5	14.5
42.5°	37.2	34.5	32.0	29.7	27.5	25.5	23.7	21.6	19.5	17.3	15.1
45°	38.3	35.5	32.8	30.3	28.1	26.0	24.2	22.5	20.1	17.6	15.2
47.5°	39.1	36.1	33.2	30.6	28.3	26.3	24.2	22.1	20.2	17.7	15.2
50°	39.7	36.4	33.3	30.7	28.3	25.9	23.7	21.6	19.6	18.0	15.8
52.5°	39.9	36.3	33.4	30.6	27.9	25.5	23.2	21.4	19.8	18.0	15.8
55°	39.8	36.4	33.2	30.2	27.6	25.2	23.4	21.5	19.3	17.3	15.3
57.5°	41.6	36.5	32.9	30.0	27.5	25.5	23.3	20.9	19.0	17.0	15.1
60°	44.1	38.7	33.9	30.0	27.8	25.4	22.9	21.1	19.1	17.1	15.0
62.5°	46.4	40.7	35.9	31.9	28.2	25.1	23.5	21.5	19.3	17.0	14.5
65°	48.5	42.7	37.7	33.4	29.3	26.5	24.0	21.7	19.3	16.7	14.0
67.5°	50.6	44.6	39.2	34.5	30.7	27.7	24.7	22.0	19.2	16.2	13.5
70°	52.7	46.2	40.6	35.7	31.9	28.3	25.0	21.8	18.7	15.9	12.8
72.5°	54.7	47.7	41.9	36.9	32.6	28.7	25.1	21.2	18.0	15.1	12.2
75°	56.2	49.1	43.4	37.9	33.3	29.0	24.6	20.5	17.0	13.8	10.6
77.5°	56.6	49.9	44.1	38.6	33.8	29.2	24.0	19.8	16.0	12.2	9.0
80°	57.3	50.8	44.7	39.0	33.9	28.8	23.7	19.2	14.9	10.8	7.2
82.5°	58.5	51.9	45.5	39.6	34.2	28.6	23.5	18.6	13.8	9.4	5.7
85°	59.9	53.2	46.6	40.3	34.6	28.7	23.6	18.2	13.0	8.2	4.6
87.5°	61.7	54.8	48.0	41.3	35.3	29.3	24.0	18.2	12.4	7.4	3.8
90°	63.9	56.8	49.7	42.6	36.4	30.2	24.9	18.6	12.4	7.1	3.6
92.5°	61.7	54.8	48.0	41.3	35.3	29.3	24.0	18.2	12.4	7.4	3.8
95°	59.9	53.2	46.6	40.3	34.6	28.7	23.6	18.2	13.0	8.2	4.6
97.5°	58.5	51.9	45.5	39.6	34.2	28.6	23.5	18.6	13.8	9.4	5.7
100°	57.3	50.8	44.7	39.0	33.9	28.8	23.7	19.2	14.9	10.8	7.2
102.5°	56.6	49.9	44.1	38.6	33.8	29.2	24.0	19.8	16.0	12.2	9.0
105°	56.2	49.1	43.4	37.9	33.3	29.0	24.6	20.5	17.0	13.8	10.6
107.5°	54.7	47.7	41.9	36.9	32.6	28.7	25.1	21.2	18.0	15.1	12.2
110°	52.7	46.2	40.6	35.7	31.9	28.3	25.0	21.8	18.7	15.9	12.8





TEST NUMBER: P231915

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

**CANDELA DISTRIBUTION (continued):**

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
112.5°	50.6	44.6	39.2	34.5	30.7	27.7	24.7	22.0	19.2	16.2	13.5
115°	48.5	42.7	37.7	33.4	29.3	26.5	24.0	21.7	19.3	16.7	14.0
117.5°	46.4	40.7	35.9	31.9	28.2	25.1	23.5	21.5	19.3	17.0	14.5
120°	44.1	38.7	33.9	30.0	27.8	25.4	22.9	21.1	19.1	17.1	15.0
122.5°	41.6	36.5	32.9	30.0	27.5	25.5	23.3	20.9	19.0	17.0	15.1
125°	39.8	36.4	33.2	30.2	27.6	25.2	23.4	21.5	19.3	17.3	15.3
127.5°	39.9	36.3	33.4	30.6	27.9	25.5	23.2	21.4	19.8	18.0	15.8
130°	39.7	36.4	33.3	30.7	28.3	25.9	23.7	21.6	19.6	18.0	15.8
132.5°	39.1	36.1	33.2	30.6	28.3	26.3	24.2	22.1	20.2	17.7	15.2
135°	38.3	35.5	32.8	30.3	28.1	26.0	24.2	22.5	20.1	17.6	15.2
137.5°	37.2	34.5	32.0	29.7	27.5	25.5	23.7	21.6	19.5	17.3	15.1
140°	35.7	33.2	30.9	28.7	26.6	24.7	22.7	20.6	18.6	16.5	14.5
142.5°	34.0	31.6	29.4	27.3	25.3	23.4	21.5	19.6	17.7	15.7	13.8
145°	31.9	29.7	27.6	25.7	23.9	22.1	20.3	18.5	16.7	14.9	13.0
147.5°	29.5	27.5	25.8	24.2	22.5	20.8	19.1	17.4	15.7	14.0	12.3
150°	27.5	25.7	24.2	22.6	21.1	19.5	17.9	16.3	14.7	13.1	11.5
152.5°	26.0	24.4	22.8	21.1	19.6	18.2	16.7	15.2	13.7	12.2	10.7
155°	24.0	22.7	21.4	20.0	18.5	17.0	15.5	14.1	12.7	11.3	9.9
157.5°	21.9	20.7	19.5	18.3	17.1	15.8	14.6	13.2	11.9	10.5	9.2
160°	19.7	18.7	17.6	16.5	15.4	14.3	13.2	12.0	10.8	9.7	8.5
162.5°	17.5	16.6	15.7	14.7	13.7	12.7	11.7	10.7	9.7	8.6	7.6
165°	15.2	14.4	13.6	12.8	12.0	11.1	10.2	9.3	8.4	7.5	6.6
167.5°	12.9	12.2	11.5	10.8	10.1	9.4	8.7	7.9	7.2	6.4	5.6
170°	10.5	9.9	9.4	8.8	8.2	7.7	7.1	6.4	5.8	5.2	4.6
172.5°	8.0	7.6	7.2	6.7	6.3	5.9	5.4	4.9	4.5	4.0	3.5
175°	5.4	5.1	4.9	4.6	4.3	4.0	3.7	3.4	3.0	2.7	2.4
177.5°	2.8	2.7	2.5	2.4	2.2	2.1	1.9	1.7	1.6	1.4	1.2
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: P231915

CATALOG NUMBER: FVS4WM-2-LD4-50-2STD-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°	1.1	0.9	0.7	0.5	0.4	0.2	0.0	0.2	0.4	0.5	0.7
5°	2.1	1.7	1.4	1.0	0.7	0.3	0.0	0.3	0.7	1.0	1.4
7.5°	3.0	2.5	2.0	1.5	1.0	0.5	0.0	0.5	1.0	1.5	2.0
10°	3.9	3.3	2.6	2.0	1.3	0.7	0.0	0.7	1.3	2.0	2.6
12.5°	4.8	4.0	3.2	2.4	1.6	0.8	0.0	0.8	1.6	2.4	3.2
15°	5.7	4.7	3.8	2.9	1.9	1.0	0.0	1.0	1.9	2.9	3.8
17.5°	6.5	5.4	4.3	3.3	2.2	1.1	0.0	1.1	2.2	3.3	4.3
20°	7.3	6.1	4.9	3.7	2.4	1.2	0.0	1.2	2.4	3.7	4.9
22.5°	7.9	6.6	5.2	3.9	2.6	1.3	0.0	1.3	2.6	3.9	5.2
25°	8.5	7.1	5.7	4.3	2.8	1.4	0.0	1.4	2.8	4.3	5.7
27.5°	9.2	7.7	6.1	4.6	3.1	1.5	0.0	1.5	3.1	4.6	6.1
30°	9.9	8.2	6.6	4.9	3.3	1.6	0.0	1.6	3.3	4.9	6.6
32.5°	10.5	8.8	7.0	5.3	3.5	1.8	0.0	1.8	3.5	5.3	7.0
35°	11.2	9.3	7.5	5.6	3.7	1.9	0.0	1.9	3.7	5.6	7.5
37.5°	11.8	9.8	7.9	5.9	3.9	2.0	0.0	2.0	3.9	5.9	7.9
40°	12.4	10.3	8.3	6.2	4.1	2.1	0.0	2.1	4.1	6.2	8.3
42.5°	12.9	10.6	8.4	6.3	4.2	2.1	0.0	2.1	4.2	6.3	8.4
45°	12.9	10.6	8.4	6.3	4.2	2.1	0.0	2.1	4.2	6.3	8.4
47.5°	12.9	10.8	8.6	6.5	4.3	2.2	0.0	2.2	4.3	6.5	8.6
50°	13.4	11.0	8.7	6.5	4.3	2.1	0.0	2.1	4.3	6.5	8.7
52.5°	13.3	10.8	8.5	6.3	4.1	2.1	0.0	2.1	4.1	6.3	8.5
55°	12.9	10.7	8.5	6.4	4.2	2.1	0.0	2.1	4.2	6.4	8.5
57.5°	13.2	10.9	8.6	6.5	4.6	2.7	0.9	2.7	4.6	6.5	8.6
60°	12.7	10.4	8.3	6.3	4.4	2.6	0.9	2.6	4.4	6.3	8.3
62.5°	12.1	9.8	7.7	5.8	4.0	2.4	0.9	2.4	4.0	5.8	7.7
65°	11.5	9.1	6.7	4.7	3.2	2.0	0.9	2.0	3.2	4.7	6.7
67.5°	10.6	7.7	5.1	3.6	2.5	1.6	0.9	1.6	2.5	3.6	5.1
70°	9.7	6.8	4.3	2.5	1.7	1.2	0.9	1.2	1.7	2.5	4.3
72.5°	8.7	5.9	3.4	1.4	1.1	0.9	0.9	0.9	1.1	1.4	3.4
75°	8.0	5.2	2.8	1.3	0.9	0.9	0.9	0.9	0.9	1.3	2.8
77.5°	6.5	4.4	2.2	1.0	0.3	0.1	0.0	0.1	0.3	1.0	2.2
80°	4.6	2.4	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1
82.5°	2.7	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	1.1	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°	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	2.7	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	4.6	2.4	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1
102.5°	6.5	4.4	2.2	1.0	0.3	0.1	0.0	0.1	0.3	1.0	2.2
105°	8.0	5.2	2.8	1.3	0.9	0.9	0.9	0.9	0.9	1.3	2.8
107.5°	8.7	5.9	3.4	1.4	1.1	0.9	0.9	0.9	1.1	1.4	3.4
110°	9.7	6.8	4.3	2.5	1.7	1.2	0.9	1.2	1.7	2.5	4.3



TEST NUMBER: P231915

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

**CANDELA DISTRIBUTION (continued):**

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
112.5°	10.6	7.7	5.1	3.6	2.5	1.6	0.9	1.6	2.5	3.6	5.1
115°	11.5	9.1	6.7	4.7	3.2	2.0	0.9	2.0	3.2	4.7	6.7
117.5°	12.1	9.8	7.7	5.8	4.0	2.4	0.9	2.4	4.0	5.8	7.7
120°	12.7	10.4	8.3	6.3	4.4	2.6	0.9	2.6	4.4	6.3	8.3
122.5°	13.2	10.9	8.6	6.5	4.6	2.7	0.9	2.7	4.6	6.5	8.6
125°	12.9	10.7	8.5	6.4	4.2	2.1	0.0	2.1	4.2	6.4	8.5
127.5°	13.3	10.8	8.5	6.3	4.1	2.1	0.0	2.1	4.1	6.3	8.5
130°	13.4	11.0	8.7	6.5	4.3	2.1	0.0	2.1	4.3	6.5	8.7
132.5°	12.9	10.8	8.6	6.5	4.3	2.2	0.0	2.2	4.3	6.5	8.6
135°	12.9	10.6	8.4	6.3	4.2	2.1	0.0	2.1	4.2	6.3	8.4
137.5°	12.9	10.6	8.4	6.3	4.2	2.1	0.0	2.1	4.2	6.3	8.4
140°	12.4	10.3	8.3	6.2	4.1	2.1	0.0	2.1	4.1	6.2	8.3
142.5°	11.8	9.8	7.9	5.9	3.9	2.0	0.0	2.0	3.9	5.9	7.9
145°	11.2	9.3	7.5	5.6	3.7	1.9	0.0	1.9	3.7	5.6	7.5
147.5°	10.5	8.8	7.0	5.3	3.5	1.8	0.0	1.8	3.5	5.3	7.0
150°	9.9	8.2	6.6	4.9	3.3	1.6	0.0	1.6	3.3	4.9	6.6
152.5°	9.2	7.7	6.1	4.6	3.1	1.5	0.0	1.5	3.1	4.6	6.1
155°	8.5	7.1	5.7	4.3	2.8	1.4	0.0	1.4	2.8	4.3	5.7
157.5°	7.9	6.6	5.2	3.9	2.6	1.3	0.0	1.3	2.6	3.9	5.2
160°	7.3	6.1	4.9	3.7	2.4	1.2	0.0	1.2	2.4	3.7	4.9
162.5°	6.5	5.4	4.3	3.3	2.2	1.1	0.0	1.1	2.2	3.3	4.3
165°	5.7	4.7	3.8	2.9	1.9	1.0	0.0	1.0	1.9	2.9	3.8
167.5°	4.8	4.0	3.2	2.4	1.6	0.8	0.0	0.8	1.6	2.4	3.2
170°	3.9	3.3	2.6	2.0	1.3	0.7	0.0	0.7	1.3	2.0	2.6
172.5°	3.0	2.5	2.0	1.5	1.0	0.5	0.0	0.5	1.0	1.5	2.0
175°	2.1	1.7	1.4	1.0	0.7	0.3	0.0	0.3	0.7	1.0	1.4
177.5°	1.1	0.9	0.7	0.5	0.4	0.2	0.0	0.2	0.4	0.5	0.7
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: P231915

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

**CANDELA DISTRIBUTION (continued):**

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	0.9	1.1	1.2	1.4	1.6	1.7	1.9	2.1	2.2	2.4	2.5
5°	1.7	2.1	2.4	2.7	3.0	3.4	3.7	4.0	4.3	4.6	4.9
7.5°	2.5	3.0	3.5	4.0	4.5	4.9	5.4	5.9	6.3	6.7	7.2
10°	3.3	3.9	4.6	5.2	5.8	6.4	7.1	7.7	8.2	8.8	9.4
12.5°	4.0	4.8	5.6	6.4	7.2	7.9	8.7	9.4	10.1	10.8	11.5
15°	4.7	5.7	6.6	7.5	8.4	9.3	10.2	11.1	12.0	12.8	13.6
17.5°	5.4	6.5	7.6	8.6	9.7	10.7	11.7	12.7	13.7	14.7	15.7
20°	6.1	7.3	8.5	9.7	10.8	12.0	13.2	14.3	15.4	16.5	17.6
22.5°	6.6	7.9	9.2	10.5	11.9	13.2	14.6	15.8	17.1	18.3	19.5
25°	7.1	8.5	9.9	11.3	12.7	14.1	15.5	17.0	18.5	20.0	21.4
27.5°	7.7	9.2	10.7	12.2	13.7	15.2	16.7	18.2	19.6	21.1	22.8
30°	8.2	9.9	11.5	13.1	14.7	16.3	17.9	19.5	21.1	22.6	24.2
32.5°	8.8	10.5	12.3	14.0	15.7	17.4	19.1	20.8	22.5	24.2	25.8
35°	9.3	11.2	13.0	14.9	16.7	18.5	20.3	22.1	23.9	25.7	27.6
37.5°	9.8	11.8	13.8	15.7	17.7	19.6	21.5	23.4	25.3	27.3	29.4
40°	10.3	12.4	14.5	16.5	18.6	20.6	22.7	24.7	26.6	28.7	30.9
42.5°	10.6	12.9	15.1	17.3	19.5	21.6	23.7	25.5	27.5	29.7	32.0
45°	10.6	12.9	15.2	17.6	20.1	22.5	24.2	26.0	28.1	30.3	32.8
47.5°	10.8	12.9	15.2	17.7	20.2	22.1	24.2	26.3	28.3	30.6	33.2
50°	11.0	13.4	15.8	18.0	19.6	21.6	23.7	25.9	28.3	30.7	33.3
52.5°	10.8	13.3	15.8	18.0	19.8	21.4	23.2	25.5	27.9	30.6	33.4
55°	10.7	12.9	15.3	17.3	19.3	21.5	23.4	25.2	27.6	30.2	33.2
57.5°	10.9	13.2	15.1	17.0	19.0	20.9	23.3	25.5	27.5	30.0	32.9
60°	10.4	12.7	15.0	17.1	19.1	21.1	22.9	25.4	27.8	30.0	33.9
62.5°	9.8	12.1	14.5	17.0	19.3	21.5	23.5	25.1	28.2	31.9	35.9
65°	9.1	11.5	14.0	16.7	19.3	21.7	24.0	26.5	29.3	33.4	37.7
67.5°	7.7	10.6	13.5	16.2	19.2	22.0	24.7	27.7	30.7	34.5	39.2
70°	6.8	9.7	12.8	15.9	18.7	21.8	25.0	28.3	31.9	35.7	40.6
72.5°	5.9	8.7	12.2	15.1	18.0	21.2	25.1	28.7	32.6	36.9	41.9
75°	5.2	8.0	10.6	13.8	17.0	20.5	24.6	29.0	33.3	37.9	43.4
77.5°	4.4	6.5	9.0	12.2	16.0	19.8	24.0	29.2	33.8	38.6	44.1
80°	2.4	4.6	7.2	10.8	14.9	19.2	23.7	28.8	33.9	39.0	44.7
82.5°	0.6	2.7	5.7	9.4	13.8	18.6	23.5	28.6	34.2	39.6	45.5
85°	0.0	1.1	4.6	8.2	13.0	18.2	23.6	28.7	34.6	40.3	46.6
87.5°	0.0	0.3	3.8	7.4	12.4	18.2	24.0	29.3	35.3	41.3	48.0
90°	0.0	0.0	3.6	7.1	12.4	18.6	24.9	30.2	36.4	42.6	49.7
92.5°	0.0	0.3	3.8	7.4	12.4	18.2	24.0	29.3	35.3	41.3	48.0
95°	0.0	1.1	4.6	8.2	13.0	18.2	23.6	28.7	34.6	40.3	46.6
97.5°	0.6	2.7	5.7	9.4	13.8	18.6	23.5	28.6	34.2	39.6	45.5
100°	2.4	4.6	7.2	10.8	14.9	19.2	23.7	28.8	33.9	39.0	44.7
102.5°	4.4	6.5	9.0	12.2	16.0	19.8	24.0	29.2	33.8	38.6	44.1
105°	5.2	8.0	10.6	13.8	17.0	20.5	24.6	29.0	33.3	37.9	43.4
107.5°	5.9	8.7	12.2	15.1	18.0	21.2	25.1	28.7	32.6	36.9	41.9
110°	6.8	9.7	12.8	15.9	18.7	21.8	25.0	28.3	31.9	35.7	40.6



TEST NUMBER: P231915

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

**CANDELA DISTRIBUTION (continued):**

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
112.5°	7.7	10.6	13.5	16.2	19.2	22.0	24.7	27.7	30.7	34.5	39.2
115°	9.1	11.5	14.0	16.7	19.3	21.7	24.0	26.5	29.3	33.4	37.7
117.5°	9.8	12.1	14.5	17.0	19.3	21.5	23.5	25.1	28.2	31.9	35.9
120°	10.4	12.7	15.0	17.1	19.1	21.1	22.9	25.4	27.8	30.0	33.9
122.5°	10.9	13.2	15.1	17.0	19.0	20.9	23.3	25.5	27.5	30.0	32.9
125°	10.7	12.9	15.3	17.3	19.3	21.5	23.4	25.2	27.6	30.2	33.2
127.5°	10.8	13.3	15.8	18.0	19.8	21.4	23.2	25.5	27.9	30.6	33.4
130°	11.0	13.4	15.8	18.0	19.6	21.6	23.7	25.9	28.3	30.7	33.3
132.5°	10.8	12.9	15.2	17.7	20.2	22.1	24.2	26.3	28.3	30.6	33.2
135°	10.6	12.9	15.2	17.6	20.1	22.5	24.2	26.0	28.1	30.3	32.8
137.5°	10.6	12.9	15.1	17.3	19.5	21.6	23.7	25.5	27.5	29.7	32.0
140°	10.3	12.4	14.5	16.5	18.6	20.6	22.7	24.7	26.6	28.7	30.9
142.5°	9.8	11.8	13.8	15.7	17.7	19.6	21.5	23.4	25.3	27.3	29.4
145°	9.3	11.2	13.0	14.9	16.7	18.5	20.3	22.1	23.9	25.7	27.6
147.5°	8.8	10.5	12.3	14.0	15.7	17.4	19.1	20.8	22.5	24.2	25.8
150°	8.2	9.9	11.5	13.1	14.7	16.3	17.9	19.5	21.1	22.6	24.2
152.5°	7.7	9.2	10.7	12.2	13.7	15.2	16.7	18.2	19.6	21.1	22.8
155°	7.1	8.5	9.9	11.3	12.7	14.1	15.5	17.0	18.5	20.0	21.4
157.5°	6.6	7.9	9.2	10.5	11.9	13.2	14.6	15.8	17.1	18.3	19.5
160°	6.1	7.3	8.5	9.7	10.8	12.0	13.2	14.3	15.4	16.5	17.6
162.5°	5.4	6.5	7.6	8.6	9.7	10.7	11.7	12.7	13.7	14.7	15.7
165°	4.7	5.7	6.6	7.5	8.4	9.3	10.2	11.1	12.0	12.8	13.6
167.5°	4.0	4.8	5.6	6.4	7.2	7.9	8.7	9.4	10.1	10.8	11.5
170°	3.3	3.9	4.6	5.2	5.8	6.4	7.1	7.7	8.2	8.8	9.4
172.5°	2.5	3.0	3.5	4.0	4.5	4.9	5.4	5.9	6.3	6.7	7.2
175°	1.7	2.1	2.4	2.7	3.0	3.4	3.7	4.0	4.3	4.6	4.9
177.5°	0.9	1.1	1.2	1.4	1.6	1.7	1.9	2.0	2.2	2.4	2.5
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: P231915

CATALOG NUMBER: FVS4WM-2-LD4-50-2STD-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°	2.7	2.8	2.9	3.1	3.2	3.3	3.5	3.6	3.7	3.8	3.9
5°	5.1	5.4	5.7	5.9	6.2	6.4	6.6	6.8	7.0	7.2	7.4
7.5°	7.6	8.0	8.4	8.7	9.1	9.5	9.8	10.1	10.4	10.7	10.9
10°	9.9	10.5	11.0	11.5	12.0	12.4	12.9	13.3	13.7	14.1	14.4
12.5°	12.2	12.9	13.5	14.1	14.7	15.3	15.9	16.4	16.9	17.4	17.9
15°	14.4	15.2	16.0	16.7	17.5	18.2	18.8	19.5	20.1	20.7	21.3
17.5°	16.6	17.5	18.4	19.3	20.1	20.9	21.7	22.5	23.2	23.9	24.6
20°	18.7	19.7	20.8	21.8	22.7	23.7	24.6	25.4	26.2	27.1	27.8
22.5°	20.7	21.9	23.0	24.2	25.3	26.3	27.4	28.3	29.3	30.2	31.0
25°	22.7	24.0	25.3	26.5	27.7	28.9	30.1	31.2	32.2	33.3	35.1
27.5°	24.4	26.0	27.4	28.8	30.1	31.4	33.5	35.8	38.2	40.7	43.0
30°	25.7	27.5	29.3	31.5	33.7	36.1	38.7	41.4	44.3	47.3	50.4
32.5°	27.5	29.5	31.8	34.5	37.3	40.1	43.0	46.1	49.5	53.1	56.9
35°	29.7	31.9	34.4	37.0	40.1	43.3	46.6	50.1	54.0	58.2	62.7
37.5°	31.6	34.0	36.5	39.4	42.5	45.9	49.6	53.6	57.8	62.6	67.7
40°	33.2	35.7	38.4	41.3	44.5	48.2	52.2	56.5	61.3	66.4	72.3
42.5°	34.5	37.2	40.0	43.0	46.3	50.1	54.5	59.2	64.2	69.8	76.2
45°	35.5	38.3	41.4	44.5	48.0	51.8	56.4	61.5	66.9	72.9	79.6
47.5°	36.1	39.1	42.4	45.9	49.5	53.5	57.9	63.5	69.4	75.6	83.0
50°	36.4	39.7	43.2	46.9	50.9	55.0	59.7	65.3	72.1	78.6	85.9
52.5°	36.3	39.9	43.7	47.7	52.1	57.6	63.0	68.5	75.2	82.0	88.9
55°	36.4	39.8	44.3	50.1	56.1	62.2	67.5	72.7	78.6	85.5	92.4
57.5°	36.5	41.6	47.3	53.5	60.1	66.6	72.4	77.4	82.3	89.2	96.2
60°	38.7	44.1	50.1	56.8	63.8	70.9	77.6	82.5	87.1	93.2	100.2
62.5°	40.7	46.4	52.8	59.9	67.2	75.1	82.5	87.9	92.3	97.4	104.4
65°	42.7	48.5	55.1	62.8	70.7	79.0	87.2	93.7	97.9	101.9	108.7
67.5°	44.6	50.6	57.5	65.5	74.1	82.8	91.9	99.6	103.7	107.0	113.3
70°	46.2	52.7	59.8	68.0	77.4	86.6	96.5	105.2	109.7	112.4	117.0
72.5°	47.7	54.7	62.1	70.5	80.6	89.3	98.3	106.1	110.5	113.0	117.1
75°	49.1	56.2	63.3	71.0	80.0	89.1	97.7	105.4	110.6	113.7	117.4
77.5°	49.9	56.6	63.7	71.2	79.9	89.2	97.7	105.1	110.7	114.2	117.9
80°	50.8	57.3	64.5	71.7	80.0	89.6	98.1	105.1	110.9	114.7	118.5
82.5°	51.9	58.5	65.6	72.6	80.6	90.2	98.9	105.3	111.0	115.3	119.4
85°	53.2	59.9	67.1	73.8	81.5	91.2	100.0	105.8	111.2	115.8	120.3
87.5°	54.8	61.7	68.9	75.3	82.8	92.5	101.4	106.5	111.5	116.5	121.4
90°	56.8	63.9	71.0	77.2	84.4	94.1	103.0	107.4	111.9	117.2	122.5
92.5°	54.8	61.7	68.9	75.3	82.8	92.5	101.4	106.5	111.5	116.5	121.4
95°	53.2	59.9	67.1	73.8	81.5	91.2	100.0	105.8	111.2	115.8	120.3
97.5°	51.9	58.5	65.6	72.6	80.6	90.2	98.9	105.3	111.0	115.3	119.4
100°	50.8	57.3	64.5	71.7	80.0	89.6	98.1	105.1	110.9	114.7	118.5
102.5°	49.9	56.6	63.7	71.2	79.9	89.2	97.7	105.1	110.7	114.2	117.9
105°	49.1	56.2	63.3	71.0	80.0	89.1	97.7	105.4	110.6	113.7	117.4
107.5°	47.7	54.7	62.1	70.5	80.6	89.3	98.3	106.1	110.5	113.0	117.1
110°	46.2	52.7	59.8	68.0	77.4	86.6	96.5	105.2	109.7	112.4	117.0



TEST NUMBER: P231915

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

**CANDELA DISTRIBUTION (continued):**

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
112.5°	44.6	50.6	57.5	65.5	74.1	82.8	91.9	99.6	103.7	107.0	113.3
115°	42.7	48.5	55.1	62.8	70.7	79.0	87.2	93.7	97.9	101.9	108.7
117.5°	40.7	46.4	52.8	59.9	67.2	75.1	82.5	87.9	92.3	97.4	104.4
120°	38.7	44.1	50.1	56.8	63.8	70.9	77.6	82.5	87.1	93.2	100.2
122.5°	36.5	41.6	47.3	53.5	60.1	66.6	72.4	77.4	82.3	89.2	96.2
125°	36.4	39.8	44.3	50.1	56.1	62.2	67.5	72.7	78.6	85.5	92.4
127.5°	36.3	39.9	43.7	47.7	52.1	57.6	63.0	68.5	75.2	82.0	88.9
130°	36.4	39.7	43.2	46.9	50.9	55.0	59.7	65.3	72.1	78.6	85.9
132.5°	36.1	39.1	42.4	45.9	49.5	53.5	57.9	63.5	69.4	75.6	83.0
135°	35.5	38.3	41.4	44.5	48.0	51.8	56.4	61.5	66.9	72.9	79.6
137.5°	34.5	37.2	40.0	43.0	46.3	50.1	54.5	59.2	64.2	69.8	76.2
140°	33.2	35.7	38.4	41.3	44.5	48.2	52.2	56.5	61.3	66.4	72.3
142.5°	31.6	34.0	36.5	39.4	42.5	45.9	49.6	53.6	57.8	62.6	67.7
145°	29.7	31.9	34.4	37.0	40.1	43.3	46.6	50.1	54.0	58.2	62.7
147.5°	27.5	29.5	31.8	34.5	37.3	40.1	43.0	46.1	49.5	53.1	56.9
150°	25.7	27.5	29.3	31.5	33.7	36.1	38.7	41.4	44.3	47.3	50.4
152.5°	24.4	26.0	27.4	28.8	30.1	31.4	33.5	35.8	38.2	40.7	43.0
155°	22.7	24.0	25.3	26.5	27.7	28.9	30.1	31.2	32.2	33.3	35.1
157.5°	20.7	21.9	23.0	24.2	25.3	26.3	27.4	28.3	29.3	30.2	31.0
160°	18.7	19.7	20.8	21.8	22.7	23.7	24.6	25.4	26.2	27.1	27.8
162.5°	16.6	17.5	18.4	19.3	20.1	20.9	21.7	22.5	23.2	23.9	24.6
165°	14.4	15.2	16.0	16.7	17.5	18.2	18.8	19.5	20.1	20.7	21.3
167.5°	12.2	12.9	13.5	14.1	14.7	15.3	15.9	16.4	16.9	17.4	17.9
170°	9.9	10.5	11.0	11.5	12.0	12.4	12.9	13.3	13.7	14.1	14.4
172.5°	7.6	8.0	8.4	8.7	9.1	9.5	9.8	10.1	10.4	10.7	10.9
175°	5.1	5.4	5.7	5.9	6.2	6.4	6.6	6.8	7.0	7.2	7.4
177.5°	2.7	2.8	2.9	3.1	3.2	3.3	3.5	3.6	3.7	3.8	3.9
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: P231915

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

**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	4.0	4.0	4.1	4.2	4.3	4.3	4.4	4.4	4.4	4.4	5.0
5°	7.7	7.8	8.0	8.2	8.3	8.5	8.6	8.7	8.8	8.9	10.0
7.5°	11.2	11.4	11.7	12.0	12.3	12.5	12.8	13.0	13.2	13.3	15.0
10°	14.8	15.1	15.4	15.6	16.0	16.4	16.8	17.2	17.5	17.8	19.9
12.5°	18.3	18.7	19.1	19.4	19.7	20.2	20.8	21.3	21.8	22.2	24.9
15°	21.8	22.3	22.7	23.2	23.5	23.9	24.6	25.3	26.0	26.7	29.8
17.5°	25.2	25.8	26.4	26.9	27.3	27.8	28.4	29.3	30.2	31.1	34.7
20°	28.6	29.3	29.9	30.6	31.1	31.6	32.1	33.3	34.4	35.6	39.5
22.5°	31.9	32.7	33.5	34.2	34.8	35.4	36.0	37.1	38.6	40.0	44.4
25°	37.0	38.9	40.7	42.4	44.1	45.6	47.0	48.6	50.9	52.9	57.8
27.5°	45.3	47.6	50.0	52.3	54.4	56.4	58.3	60.3	63.2	65.8	71.3
30°	53.1	55.9	58.8	61.7	64.4	67.0	69.5	71.8	75.4	78.8	84.8
32.5°	60.5	63.7	67.2	70.7	74.1	77.4	80.4	83.3	87.5	91.7	98.4
35°	67.3	71.3	75.1	79.4	83.6	87.5	91.2	94.8	99.6	104.6	111.9
37.5°	73.2	78.4	82.8	87.7	92.9	97.4	101.9	106.2	111.6	117.5	125.5
40°	78.5	85.0	90.3	95.6	101.5	107.1	112.3	117.4	123.6	130.5	139.1
42.5°	83.2	90.7	97.5	103.5	110.0	116.6	122.9	128.6	135.5	143.4	152.6
45°	87.6	96.0	104.4	111.0	118.3	125.9	132.9	139.7	147.3	156.3	166.2
47.5°	91.3	99.9	108.6	115.2	122.1	129.8	137.4	145.3	154.3	165.1	176.6
50°	93.6	101.8	110.3	117.4	124.2	132.3	141.2	150.5	161.0	173.9	187.0
52.5°	96.6	104.4	112.4	119.8	126.2	134.9	144.8	155.6	167.7	182.6	197.5
55°	100.0	107.4	114.9	122.3	128.6	137.5	148.3	160.5	174.3	191.4	208.1
57.5°	103.6	111.0	117.8	124.9	131.3	140.1	151.6	165.3	180.9	200.2	218.7
60°	107.5	114.9	121.3	127.7	134.0	142.7	154.9	170.0	187.3	209.0	229.4
62.5°	111.6	119.1	124.8	130.7	136.9	145.4	158.1	174.6	193.8	217.7	240.0
65°	116.0	123.4	128.9	134.1	139.8	148.0	161.1	179.2	200.2	226.5	250.7
67.5°	120.5	127.9	133.2	137.6	142.9	150.8	164.2	183.7	206.5	235.3	261.5
70°	123.2	129.6	134.3	137.7	142.6	150.1	163.1	182.5	205.2	234.8	262.6
72.5°	122.9	128.7	133.2	136.5	141.4	149.1	161.8	181.2	203.9	234.3	263.6
75°	122.8	128.1	132.3	135.2	140.3	148.2	160.7	180.0	202.6	233.8	265.8
77.5°	123.0	127.7	131.4	134.0	139.1	147.4	159.7	178.9	201.4	233.3	266.5
80°	123.3	127.5	130.6	132.8	138.0	146.7	158.8	177.9	200.3	232.9	267.1
82.5°	123.8	127.4	129.9	131.7	136.9	146.0	158.0	177.1	199.2	232.4	267.8
85°	124.5	127.5	129.2	130.7	135.9	145.5	157.3	176.2	198.1	231.9	268.5
87.5°	125.3	127.7	128.5	129.7	135.0	145.0	156.7	175.5	197.1	231.4	269.2
90°	126.1	127.9	127.9	128.7	134.1	144.7	156.3	174.9	196.2	230.9	269.9
92.5°	125.3	127.7	128.5	129.7	135.0	145.0	156.7	175.5	197.1	231.4	269.2
95°	124.5	127.5	129.2	130.7	135.9	145.5	157.3	176.2	198.1	231.9	268.5
97.5°	123.8	127.4	129.9	131.7	136.9	146.0	158.0	177.1	199.2	232.4	267.8
100°	123.3	127.5	130.6	132.8	138.0	146.7	158.8	177.9	200.3	232.9	267.1
102.5°	123.0	127.7	131.4	134.0	139.1	147.4	159.7	178.9	201.4	233.3	266.5
105°	122.8	128.1	132.3	135.2	140.3	148.2	160.7	180.0	202.6	233.8	265.8
107.5°	122.9	128.7	133.2	136.5	141.4	149.1	161.8	181.2	203.9	234.3	263.6
110°	123.2	129.6	134.3	137.7	142.6	150.1	163.1	182.5	205.2	234.8	262.6





TEST NUMBER: P231915

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

**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
112.5°	120.5	127.9	133.2	137.6	142.9	150.8	164.2	183.7	206.5	235.3	261.5
115°	116.0	123.4	128.9	134.1	139.8	148.0	161.1	179.2	200.2	226.5	250.7
117.5°	111.6	119.1	124.8	130.7	136.9	145.4	158.1	174.6	193.8	217.7	240.0
120°	107.5	114.9	121.3	127.7	134.0	142.7	154.9	170.0	187.3	209.0	229.4
122.5°	103.6	111.0	117.8	124.9	131.3	140.1	151.6	165.3	180.9	200.2	218.7
125°	100.0	107.4	114.9	122.3	128.6	137.5	148.3	160.5	174.3	191.4	208.1
127.5°	96.6	104.4	112.4	119.8	126.2	134.9	144.8	155.6	167.7	182.6	197.5
130°	93.6	101.8	110.3	117.4	124.2	132.3	141.2	150.5	161.0	173.9	187.0
132.5°	91.3	99.9	108.6	115.2	122.1	129.8	137.4	145.3	154.3	165.1	176.6
135°	87.6	96.0	104.4	111.0	118.3	125.9	132.9	139.7	147.3	156.3	166.2
137.5°	83.2	90.7	97.5	103.5	110.0	116.6	122.9	128.6	135.5	143.4	152.6
140°	78.5	85.0	90.3	95.6	101.5	107.1	112.3	117.4	123.6	130.5	139.1
142.5°	73.2	78.4	82.8	87.7	92.9	97.4	101.9	106.2	111.6	117.5	125.5
145°	67.3	71.3	75.1	79.4	83.6	87.5	91.2	94.8	99.6	104.6	111.9
147.5°	60.5	63.7	67.2	70.7	74.1	77.4	80.4	83.3	87.5	91.7	98.4
150°	53.1	55.9	58.8	61.7	64.4	67.0	69.5	71.8	75.4	78.8	84.8
152.5°	45.3	47.6	50.0	52.3	54.4	56.4	58.3	60.3	63.2	65.8	71.3
155°	37.0	38.9	40.7	42.4	44.1	45.6	47.0	48.6	50.9	52.9	57.8
157.5°	31.9	32.7	33.5	34.2	34.8	35.4	36.0	37.1	38.6	40.0	44.4
160°	28.6	29.3	29.9	30.6	31.1	31.6	32.1	33.3	34.4	35.6	39.5
162.5°	25.2	25.8	26.4	26.9	27.3	27.8	28.4	29.3	30.2	31.1	34.7
165°	21.8	22.3	22.7	23.2	23.5	23.9	24.6	25.3	26.0	26.7	29.8
167.5°	18.3	18.7	19.1	19.4	19.7	20.2	20.8	21.3	21.8	22.2	24.9
170°	14.8	15.1	15.4	15.6	16.0	16.4	16.8	17.2	17.5	17.8	19.9
172.5°	11.2	11.4	11.7	12.0	12.3	12.5	12.8	13.0	13.2	13.3	15.0
175°	7.7	7.8	8.0	8.2	8.3	8.5	8.6	8.7	8.8	8.9	10.0
177.5°	4.0	4.0	4.1	4.2	4.3	4.3	4.4	4.4	4.4	4.4	5.0
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: P231915

CATALOG NUMBER: FVS4WM-2-LD4-50-2STD-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°	5.6	6.1	6.7	7.2	7.7	8.2	8.7	9.1	9.6	10.0	10.4
5°	11.1	12.2	13.2	14.3	15.3	16.2	17.2	18.1	19.0	19.8	20.7
7.5°	16.6	18.2	19.7	21.3	22.7	24.2	25.7	27.7	29.6	31.5	33.3
10°	22.0	24.1	26.2	28.2	30.2	32.9	35.5	38.1	40.6	43.1	45.6
12.5°	27.5	30.0	32.5	35.3	38.6	41.8	45.0	48.1	50.8	53.2	55.4
15°	32.8	35.8	38.9	42.8	46.6	50.3	54.0	57.1	60.1	63.0	66.1
17.5°	38.2	41.6	45.6	50.0	54.3	58.4	62.3	66.1	69.7	73.3	76.9
20°	43.4	47.3	52.2	56.9	61.6	66.3	70.9	75.3	79.9	84.3	88.5
22.5°	48.7	53.3	58.5	63.6	69.0	74.5	79.8	85.3	90.5	95.5	99.9
25°	62.4	67.4	72.5	77.6	82.8	87.8	92.9	97.9	102.4	106.5	111.6
27.5°	76.5	82.2	87.7	93.3	98.9	104.4	109.9	115.2	119.8	124.1	128.2
30°	90.7	96.8	102.8	108.8	115.0	120.8	126.7	132.0	136.9	141.5	145.8
32.5°	104.9	111.4	117.7	124.1	130.4	136.9	142.9	148.5	153.7	158.4	161.6
35°	119.0	125.9	132.6	139.1	146.0	153.1	158.9	164.8	170.0	174.1	175.7
37.5°	133.1	140.3	147.2	154.0	161.3	168.2	174.7	180.5	186.4	187.7	188.9
40°	147.1	154.6	161.7	168.9	176.4	183.5	190.2	195.9	199.5	200.9	200.6
42.5°	161.1	168.9	176.1	183.6	191.3	198.6	205.1	211.0	212.4	212.9	212.2
45°	175.1	183.0	190.2	198.0	205.9	213.5	219.8	223.8	224.9	224.4	223.7
47.5°	187.1	197.0	206.5	216.3	225.3	232.9	238.0	237.7	236.4	235.8	235.0
50°	199.3	211.4	223.9	236.8	248.9	259.0	266.1	267.5	266.7	262.7	255.8
52.5°	211.6	226.4	242.1	258.0	273.5	286.2	294.9	299.4	302.6	300.7	295.1
55°	224.1	241.8	260.9	280.2	299.2	314.4	325.3	333.9	340.9	340.6	333.2
57.5°	236.8	257.5	280.2	303.1	325.6	343.7	357.2	370.8	380.0	380.1	370.5
60°	249.5	273.7	299.9	326.6	352.4	373.6	390.3	410.0	420.6	417.9	406.1
62.5°	262.3	290.0	320.1	350.7	379.7	404.0	425.2	451.1	462.5	455.0	439.2
65°	275.2	306.7	340.5	375.3	407.6	435.2	462.2	491.9	505.4	491.5	470.3
67.5°	288.2	323.5	361.2	400.2	435.8	467.1	500.5	532.5	543.0	526.2	499.6
70°	291.2	327.5	365.8	407.1	445.6	481.6	523.0	560.5	573.0	557.0	531.5
72.5°	294.0	330.2	367.6	409.3	447.8	485.0	529.2	567.2	580.3	569.9	554.1
75°	296.6	332.6	369.0	411.0	449.6	488.2	534.6	574.3	590.0	586.2	575.6
77.5°	299.2	334.8	370.0	412.3	451.0	491.0	539.5	581.7	601.6	605.3	597.3
80°	302.9	336.6	370.5	413.1	451.9	493.4	543.6	589.1	614.5	626.6	619.1
82.5°	304.8	339.1	371.8	413.5	452.4	495.4	547.0	596.3	628.4	649.5	641.1
85°	306.8	340.0	371.0	414.2	453.3	498.1	551.2	605.0	642.7	673.4	663.3
87.5°	308.8	340.9	370.2	413.1	452.2	498.1	551.8	609.7	657.3	697.9	685.6
90°	310.8	341.8	369.4	412.0	451.1	498.1	552.3	614.4	670.4	721.0	708.5
92.5°	308.8	340.9	370.2	413.1	452.2	498.1	551.8	609.7	657.3	697.9	685.6
95°	306.8	340.0	371.0	414.2	453.3	498.1	551.2	605.0	642.7	673.4	663.3
97.5°	304.8	339.1	371.8	413.5	452.4	495.4	547.0	596.3	628.4	649.5	641.1
100°	302.9	336.6	370.5	413.1	451.9	493.4	543.6	589.1	614.5	626.6	619.1
102.5°	299.2	334.8	370.0	412.3	451.0	491.0	539.5	581.7	601.6	605.3	597.3
105°	296.6	332.6	369.0	411.0	449.6	488.2	534.6	574.3	590.0	586.2	575.6
107.5°	294.0	330.2	367.6	409.3	447.8	485.0	529.2	567.2	580.3	569.9	554.1
110°	291.2	327.5	365.8	407.1	445.6	481.6	523.0	560.5	573.0	557.0	531.5



TEST NUMBER: P231915

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

**CANDELA DISTRIBUTION (continued):**

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
112.5°	288.2	323.5	361.2	400.2	435.8	467.1	500.5	532.5	543.0	526.2	499.6
115°	275.2	306.7	340.5	375.3	407.6	435.2	462.2	491.9	505.4	491.5	470.3
117.5°	262.3	290.0	320.1	350.7	379.7	404.0	425.2	451.1	462.5	455.0	439.2
120°	249.5	273.7	299.9	326.6	352.4	373.6	390.3	410.0	420.6	417.9	406.1
122.5°	236.8	257.5	280.2	303.1	325.6	343.7	357.2	370.8	380.0	380.1	370.5
125°	224.1	241.8	260.9	280.2	299.2	314.4	325.3	333.9	340.9	340.6	333.2
127.5°	211.6	226.4	242.1	258.0	273.5	286.2	294.9	299.4	302.6	300.7	295.1
130°	199.3	211.4	223.9	236.8	248.9	259.0	266.1	267.5	266.7	262.7	255.8
132.5°	187.1	197.0	206.5	216.3	225.3	232.9	238.0	237.7	236.4	235.8	235.0
135°	175.1	183.0	190.2	198.0	205.9	213.5	219.8	223.8	224.9	224.4	223.7
137.5°	161.1	168.9	176.1	183.6	191.3	198.6	205.1	211.0	212.4	212.9	212.2
140°	147.1	154.6	161.7	168.9	176.4	183.5	190.2	195.9	199.5	200.9	200.6
142.5°	133.1	140.3	147.2	154.0	161.3	168.2	174.7	180.5	186.4	187.7	188.9
145°	119.0	125.9	132.6	139.1	146.0	153.1	158.9	164.8	170.0	174.1	175.7
147.5°	104.9	111.4	117.7	124.1	130.4	136.9	142.9	148.5	153.7	158.4	161.6
150°	90.7	96.8	102.8	108.8	115.0	120.8	126.7	132.0	136.9	141.5	145.8
152.5°	76.5	82.2	87.7	93.3	98.9	104.4	109.9	115.2	119.8	124.1	128.2
155°	62.4	67.4	72.5	77.6	82.8	87.8	92.9	97.9	102.4	106.5	111.6
157.5°	48.7	53.3	58.5	63.6	69.0	74.5	79.8	85.3	90.5	95.5	99.9
160°	43.4	47.3	52.2	56.9	61.6	66.3	70.9	75.3	79.9	84.3	88.5
162.5°	38.2	41.6	45.6	50.0	54.3	58.4	62.3	66.1	69.7	73.3	76.9
165°	32.8	35.8	38.9	42.8	46.6	50.3	54.0	57.1	60.1	63.0	66.1
167.5°	27.5	30.0	32.5	35.3	38.6	41.8	45.0	48.1	50.8	53.2	55.4
170°	22.0	24.1	26.2	28.2	30.2	32.9	35.5	38.1	40.6	43.1	45.6
172.5°	16.6	18.2	19.7	21.3	22.7	24.2	25.7	27.7	29.6	31.5	33.3
175°	11.1	12.2	13.2	14.3	15.3	16.2	17.2	18.1	19.0	19.8	20.7
177.5°	5.6	6.1	6.7	7.2	7.7	8.2	8.7	9.1	9.6	10.0	10.4
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: P231915

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

**CANDELA DISTRIBUTION (continued):**

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	10.8	11.2	11.5	11.9	12.2	12.4	12.7	12.9	13.2	13.3	13.5
5°	21.8	23.0	24.1	25.1	26.1	27.1	27.9	28.8	29.5	30.2	30.9
7.5°	35.1	36.8	38.4	39.9	41.3	42.1	42.9	43.6	44.3	44.8	45.3
10°	47.1	48.6	50.1	51.5	52.7	53.9	54.9	55.9	56.9	57.8	58.6
12.5°	57.5	59.5	61.4	63.3	65.2	66.8	68.4	69.8	71.0	72.0	72.7
15°	68.5	71.3	73.8	76.2	78.4	80.2	81.8	83.2	84.4	85.5	86.3
17.5°	80.4	84.0	86.4	88.9	91.2	93.3	95.2	96.8	98.2	99.4	100.4
20°	92.2	95.6	98.8	101.8	104.5	106.9	109.1	110.9	112.4	113.8	115.0
22.5°	104.1	108.0	111.7	115.1	118.3	120.3	122.3	124.2	125.9	127.4	129.0
25°	116.4	120.9	125.6	127.7	130.1	132.4	133.9	135.5	137.2	139.1	141.1
27.5°	132.0	134.7	136.1	138.7	140.1	141.2	142.9	144.6	146.8	149.2	152.4
30°	148.5	149.9	150.6	149.6	148.3	148.2	150.2	152.5	156.5	160.6	165.2
32.5°	163.1	163.6	162.6	161.6	160.9	160.0	160.5	161.9	166.9	173.6	180.3
35°	176.3	175.5	174.7	174.1	173.8	174.9	175.9	179.2	182.0	189.0	200.2
37.5°	188.1	187.4	186.8	187.1	188.5	191.1	195.3	200.1	207.4	215.0	223.5
40°	199.8	199.3	199.6	201.3	205.0	210.0	217.6	226.4	236.8	248.0	259.7
42.5°	211.6	211.4	213.3	217.4	223.4	232.9	243.0	256.9	271.5	287.0	303.2
45°	223.0	224.7	228.3	235.2	245.7	257.3	273.7	290.2	309.5	329.6	352.4
47.5°	235.6	237.6	245.5	255.9	269.0	287.1	306.0	327.3	350.9	376.2	404.9
50°	249.6	254.1	263.6	278.1	296.8	317.3	340.4	366.3	395.4	426.1	458.8
52.5°	288.3	286.6	291.8	302.7	326.1	349.2	376.1	407.1	439.6	475.1	512.6
55°	326.4	324.3	330.6	343.9	361.4	382.1	411.8	446.3	483.4	523.5	569.4
57.5°	361.3	361.2	368.9	382.9	401.3	425.4	453.5	485.4	526.7	573.7	623.9
60°	394.7	395.5	405.2	420.5	440.6	465.6	495.7	532.4	574.2	620.1	674.1
62.5°	428.9	429.9	439.3	455.3	477.1	503.9	537.0	576.8	624.1	672.3	724.7
65°	461.2	462.9	472.9	489.2	511.0	538.5	575.7	621.8	670.5	720.9	777.1
67.5°	491.6	493.7	504.2	520.8	543.1	573.0	613.1	663.4	711.9	764.8	831.7
70°	522.1	522.9	533.5	549.7	572.0	604.9	650.4	699.8	748.7	803.7	879.7
72.5°	547.5	550.4	561.2	576.8	598.6	635.2	684.6	731.7	779.3	840.1	916.5
75°	570.5	574.8	584.9	598.6	620.5	657.7	710.6	758.9	803.5	867.2	948.2
77.5°	593.2	598.4	606.7	617.5	636.5	672.9	722.3	772.0	825.0	891.7	975.4
80°	615.7	621.5	627.0	634.0	648.6	683.4	731.7	783.6	841.3	914.2	1004.9
82.5°	638.1	644.0	646.0	648.7	657.5	690.1	738.7	793.4	853.7	931.9	1027.0
85°	660.4	666.1	664.2	662.1	664.0	693.4	743.3	801.2	862.3	944.4	1041.7
87.5°	682.7	688.0	681.9	674.6	669.1	694.9	746.6	808.1	868.9	954.3	1052.4
90°	705.0	709.4	699.7	687.2	673.9	693.5	745.0	808.9	868.4	953.6	1049.5
92.5°	682.7	688.0	681.9	674.6	669.1	694.9	746.6	808.1	868.9	954.3	1052.4
95°	660.4	666.1	664.2	662.1	664.0	693.4	743.3	801.2	862.3	944.4	1041.7
97.5°	638.1	644.0	646.0	648.7	657.5	690.1	738.7	793.4	853.7	931.9	1027.0
100°	615.7	621.5	627.0	634.0	648.6	683.4	731.7	783.6	841.3	914.2	1004.9
102.5°	593.2	598.4	606.7	617.5	636.5	672.9	722.3	772.0	825.0	891.7	975.4
105°	570.5	574.8	584.9	598.6	620.5	657.7	710.6	758.9	803.5	867.2	948.2
107.5°	547.5	550.4	561.2	576.8	598.6	635.2	684.6	731.7	779.3	840.1	916.5
110°	522.1	522.9	533.5	549.7	572.0	604.9	650.4	699.8	748.7	803.7	879.7



TEST NUMBER: P231915

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

**CANDELA DISTRIBUTION (continued):**

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
112.5°	491.6	493.7	504.2	520.8	543.1	573.0	613.1	663.4	711.9	764.8	831.7
115°	461.2	462.9	472.9	489.2	511.0	538.5	575.7	621.8	670.5	720.9	777.1
117.5°	428.9	429.9	439.3	455.3	477.1	503.9	537.0	576.8	624.1	672.3	724.7
120°	394.7	395.5	405.2	420.5	440.6	465.6	495.7	532.4	574.2	620.1	674.1
122.5°	361.3	361.2	368.9	382.9	401.3	425.4	453.5	485.4	526.7	573.7	623.9
125°	326.4	324.3	330.6	343.9	361.4	382.1	411.8	446.3	483.4	523.5	569.4
127.5°	288.3	286.6	291.8	302.7	326.1	349.2	376.1	407.1	439.6	475.1	512.6
130°	249.6	254.1	263.6	278.1	296.8	317.3	340.4	366.3	395.4	426.1	458.8
132.5°	235.6	237.6	245.5	255.9	269.0	287.1	306.0	327.3	350.9	376.2	404.9
135°	223.0	224.7	228.3	235.2	245.7	257.3	273.7	290.2	309.5	329.6	352.4
137.5°	211.6	211.4	213.3	217.4	223.4	232.9	243.0	256.9	271.5	287.0	303.2
140°	199.8	199.3	199.6	201.3	205.0	210.0	217.6	226.4	236.8	248.0	259.7
142.5°	188.1	187.4	186.8	187.1	188.5	191.1	195.3	200.1	207.4	215.0	223.5
145°	176.3	175.5	174.7	174.1	173.8	174.9	175.9	179.2	182.0	189.0	200.2
147.5°	163.1	163.6	162.6	161.6	160.9	160.0	160.5	161.9	166.9	173.6	180.3
150°	148.5	149.9	150.6	149.6	148.3	148.2	150.2	152.5	156.5	160.6	165.2
152.5°	132.0	134.7	136.1	138.7	140.1	141.2	142.9	144.6	146.8	149.2	152.4
155°	116.4	120.9	125.6	127.7	130.1	132.4	133.9	135.5	137.2	139.1	141.1
157.5°	104.1	108.0	111.7	115.1	118.3	120.3	122.3	124.2	125.9	127.4	129.0
160°	92.2	95.6	98.8	101.8	104.5	106.9	109.1	110.9	112.4	113.8	115.0
162.5°	80.4	84.0	86.4	88.9	91.2	93.3	95.2	96.8	98.2	99.4	100.4
165°	68.5	71.3	73.8	76.2	78.4	80.2	81.8	83.2	84.4	85.5	86.3
167.5°	57.5	59.5	61.4	63.3	65.2	66.8	68.4	69.8	71.0	72.0	72.7
170°	47.1	48.6	50.1	51.5	52.7	53.9	54.9	55.9	56.9	57.8	58.6
172.5°	35.1	36.8	38.4	39.9	41.3	42.1	42.9	43.6	44.3	44.8	45.3
175°	21.8	23.0	24.1	25.1	26.1	27.1	27.9	28.8	29.5	30.2	30.9
177.5°	10.8	11.2	11.5	11.9	12.2	12.4	12.7	12.9	13.2	13.3	13.5
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: P231915

CATALOG NUMBER: FVS4WM-2-LD4-50-2STD-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°	13.7	13.8	13.9	13.9	14.0	14.0	14.4	14.2	14.0	13.9	13.7
5°	31.5	32.0	32.4	32.8	33.1	33.3	33.5	33.6	34.2	33.9	33.5
7.5°	45.7	46.0	46.3	46.4	46.5	46.5	46.4	46.3	46.0	46.0	45.5
10°	59.2	59.8	60.2	60.4	60.6	60.6	60.6	60.4	60.1	60.1	59.3
12.5°	73.3	73.8	74.1	74.2	74.2	74.1	73.8	73.4	72.8	72.1	71.5
15°	87.0	87.5	87.7	87.8	87.7	87.5	87.0	86.4	85.6	84.6	83.8
17.5°	101.1	101.8	102.4	102.8	103.0	103.0	102.9	102.5	102.0	101.3	100.7
20°	116.1	117.1	118.2	119.2	120.1	120.9	121.6	122.1	122.4	122.4	122.9
22.5°	130.6	132.3	133.8	135.3	136.7	138.0	139.2	140.1	140.9	141.4	142.3
25°	143.2	145.3	147.5	150.3	153.0	155.6	157.9	159.9	161.7	163.2	164.3
27.5°	156.1	159.8	163.4	167.5	172.0	176.1	179.9	183.4	186.5	189.0	191.1
30°	170.7	176.5	182.2	187.8	195.5	202.6	209.3	215.4	220.8	225.5	229.4
32.5°	188.0	197.8	207.4	216.7	226.6	236.5	245.7	254.1	261.5	268.0	273.3
35°	211.3	224.2	237.4	250.1	262.7	276.6	289.3	300.7	310.9	319.6	326.8
37.5°	238.9	254.9	273.4	291.0	307.6	325.0	341.1	355.4	367.9	378.6	387.3
40°	273.7	293.4	316.4	339.0	360.1	380.4	399.3	415.6	429.1	440.1	448.5
42.5°	322.1	340.9	366.1	394.6	420.0	442.7	463.4	481.1	495.9	507.6	516.5
45°	375.4	401.8	427.2	456.7	484.7	512.4	534.5	555.0	570.9	582.3	589.6
47.5°	434.5	464.7	493.9	525.2	561.3	592.0	618.6	641.4	659.3	672.5	680.8
50°	493.1	528.5	569.3	609.1	648.7	682.7	713.8	745.2	771.6	792.4	807.3
52.5°	554.8	599.7	645.6	691.1	740.6	788.3	828.6	866.3	900.5	930.0	953.8
55°	617.5	667.7	720.5	778.6	836.8	893.3	942.3	986.1	1026.0	1061.5	1091.5
57.5°	676.7	735.0	797.4	864.8	933.6	989.4	1044.3	1091.4	1132.7	1170.9	1204.7
60°	734.3	800.3	875.7	947.8	1015.7	1074.2	1124.8	1173.2	1217.9	1257.8	1292.4
62.5°	788.1	869.7	948.5	1024.0	1085.5	1143.1	1195.1	1244.8	1288.4	1328.0	1362.6
65°	852.6	932.6	1013.6	1081.6	1144.0	1202.6	1254.5	1302.8	1348.0	1389.5	1425.3
67.5°	910.4	992.8	1063.7	1129.8	1192.8	1249.9	1304.7	1356.3	1402.8	1443.6	1478.2
70°	960.0	1040.9	1110.9	1171.8	1230.8	1291.6	1349.7	1401.8	1451.3	1497.0	1530.8
72.5°	1001.7	1084.7	1149.8	1209.3	1267.9	1327.1	1385.7	1444.1	1503.7	1550.5	1577.9
75°	1040.0	1115.5	1179.7	1241.0	1302.1	1359.9	1417.9	1480.5	1538.2	1588.2	1619.9
77.5°	1071.8	1140.7	1203.3	1266.1	1328.9	1389.1	1448.4	1508.2	1565.1	1615.3	1647.8
80°	1092.4	1159.3	1220.4	1284.5	1349.7	1411.4	1470.4	1529.6	1587.2	1637.3	1668.7
82.5°	1110.2	1176.9	1237.8	1300.9	1362.0	1420.3	1482.4	1546.4	1611.8	1665.1	1689.4
85°	1123.9	1189.3	1248.7	1312.6	1372.7	1432.4	1493.3	1558.5	1623.0	1674.2	1702.6
87.5°	1135.8	1196.2	1253.2	1316.9	1376.7	1439.8	1504.5	1569.8	1629.8	1681.5	1705.3
90°	1135.6	1197.8	1251.9	1314.1	1373.6	1439.3	1505.9	1566.3	1627.5	1684.4	1707.4
92.5°	1135.8	1196.2	1253.2	1316.9	1376.7	1439.8	1504.5	1569.8	1629.8	1681.5	1705.3
95°	1123.9	1189.3	1248.7	1312.6	1372.7	1432.4	1493.3	1558.5	1623.0	1674.2	1702.6
97.5°	1110.2	1176.9	1237.8	1300.9	1362.0	1420.3	1482.4	1546.4	1611.8	1665.1	1689.4
100°	1092.4	1159.3	1220.4	1284.5	1349.7	1411.4	1470.4	1529.6	1587.2	1637.3	1668.7
102.5°	1071.8	1140.7	1203.3	1266.1	1328.9	1389.1	1448.4	1508.2	1565.1	1615.3	1647.8
105°	1040.0	1115.5	1179.7	1241.0	1302.1	1359.9	1417.9	1480.5	1538.2	1588.2	1619.9
107.5°	1001.7	1084.7	1149.8	1209.3	1267.9	1327.1	1385.7	1444.1	1503.7	1550.5	1577.9
110°	960.0	1040.9	1110.9	1171.8	1230.8	1291.6	1349.7	1401.8	1451.3	1497.0	1530.8



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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°	910.4	992.8	1063.7	1129.8	1192.8	1249.9	1304.7	1356.3	1402.8	1443.6	1478.2
115°	852.6	932.6	1013.6	1081.6	1144.0	1202.6	1254.5	1302.8	1348.0	1389.5	1425.3
117.5°	788.1	869.7	948.5	1024.0	1085.5	1143.1	1195.1	1244.8	1288.4	1328.0	1362.6
120°	734.3	800.3	875.7	947.8	1015.7	1074.2	1124.8	1173.2	1217.9	1257.8	1292.4
122.5°	676.7	735.0	797.4	864.8	933.6	989.4	1044.3	1091.4	1132.7	1170.9	1204.7
125°	617.5	667.7	720.5	778.6	836.8	893.3	942.3	986.1	1026.0	1061.5	1091.5
127.5°	554.8	599.7	645.6	691.1	740.6	788.3	828.6	866.3	900.5	930.0	953.8
130°	493.1	528.5	569.3	609.1	648.7	682.7	713.8	745.2	771.6	792.4	807.3
132.5°	434.5	464.7	493.9	525.2	561.3	592.0	618.6	641.4	659.3	672.5	680.8
135°	375.4	401.8	427.2	456.7	484.7	512.4	534.5	555.0	570.9	582.3	589.6
137.5°	322.1	340.9	366.1	394.6	420.0	442.7	463.4	481.1	495.9	507.6	516.5
140°	273.7	293.4	316.4	339.0	360.1	380.4	399.3	415.6	429.1	440.1	448.5
142.5°	238.9	254.9	273.4	291.0	307.6	325.0	341.1	355.4	367.9	378.6	387.3
145°	211.3	224.2	237.4	250.1	262.7	276.6	289.3	300.7	310.9	319.6	326.8
147.5°	188.0	197.8	207.4	216.7	226.6	236.5	245.7	254.1	261.5	268.0	273.3
150°	170.7	176.5	182.2	187.8	195.5	202.6	209.3	215.4	220.8	225.5	229.4
152.5°	156.1	159.8	163.4	167.5	172.0	176.1	179.9	183.4	186.5	189.0	191.1
155°	143.2	145.3	147.5	150.3	153.0	155.6	157.9	159.9	161.7	163.2	164.3
157.5°	130.6	132.3	133.8	135.3	136.7	138.0	139.2	140.1	140.9	141.4	142.3
160°	116.1	117.1	118.2	119.2	120.1	120.9	121.6	122.1	122.4	122.4	122.9
162.5°	101.1	101.8	102.4	102.8	103.0	103.0	102.9	102.5	102.0	101.3	100.7
165°	87.0	87.5	87.7	87.8	87.7	87.5	87.0	86.4	85.6	84.6	83.8
167.5°	73.3	73.8	74.1	74.2	74.2	74.1	73.8	73.4	72.8	72.1	71.5
170°	59.2	59.8	60.2	60.4	60.6	60.6	60.6	60.4	60.1	60.1	59.3
172.5°	45.7	46.0	46.3	46.4	46.5	46.5	46.4	46.3	46.0	46.0	45.5
175°	31.5	32.0	32.4	32.8	33.1	33.3	33.5	33.6	34.2	33.9	33.5
177.5°	13.7	13.8	13.9	13.9	14.0	14.0	14.4	14.2	14.0	13.9	13.7
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°	13.5	13.3
5°	33.2	32.9
7.5°	44.9	44.4
10°	58.5	57.7
12.5°	70.4	69.3
15°	82.3	80.8
17.5°	99.2	97.7
20°	121.8	120.8
22.5°	141.8	141.2
25°	165.2	165.2
27.5°	193.0	193.6
30°	232.9	234.4
32.5°	278.2	280.6
35°	333.3	336.5
37.5°	395.1	398.7
40°	455.6	458.2
42.5°	523.8	525.6
45°	594.6	593.1
47.5°	686.7	683.7
50°	819.3	817.8
52.5°	975.0	979.4
55°	1119.0	1129.4
57.5°	1236.8	1253.7
60°	1324.5	1343.4
62.5°	1391.9	1415.3
65°	1455.3	1479.3
67.5°	1506.5	1529.0
70°	1555.0	1571.6
72.5°	1595.8	1606.2
75°	1633.4	1639.1
77.5°	1653.6	1654.2
80°	1681.0	1683.5
82.5°	1699.9	1702.1
85°	1708.2	1706.6
87.5°	1718.9	1722.5
90°	1717.2	1719.0
92.5°	1718.9	1722.5
95°	1708.2	1706.6
97.5°	1699.9	1702.1
100°	1681.0	1683.5
102.5°	1653.6	1654.2
105°	1633.4	1639.1
107.5°	1595.8	1606.2
110°	1555.0	1571.6





TEST NUMBER: P231915

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**CANDELA DISTRIBUTION (continued):**

	357.5°	360°
112.5°	1506.5	1529.0
115°	1455.3	1479.3
117.5°	1391.9	1415.3
120°	1324.5	1343.4
122.5°	1236.8	1253.7
125°	1119.0	1129.4
127.5°	975.0	979.4
130°	819.3	817.8
132.5°	686.7	683.7
135°	594.6	593.1
137.5°	523.8	525.6
140°	455.6	458.2
142.5°	395.1	398.7
145°	333.3	336.5
147.5°	278.2	280.6
150°	232.9	234.4
152.5°	193.0	193.6
155°	165.2	165.2
157.5°	141.8	141.2
160°	121.8	120.8
162.5°	99.2	97.7
165°	82.3	80.8
167.5°	70.4	69.3
170°	58.5	57.7
172.5°	44.9	44.4
175°	33.2	32.9
177.5°	13.5	13.3
180°	0.0	0.0

(END OF REPORT)