

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: P231937

Luminaire Tested: **FVS4WM-2-LD4-35-2STD-PA187-UNV-EDC1**

Issue Date: 3/3/2020



**Test Information**

Test Method: LM-79-08  
Report Number: P231937  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1706-121-10)  
Test Lab: INNOVATION CENTER(G3)  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: FAIL-SAFE  
Catalog Number: FVS4WM-2-LD4-35-2STD-PA187-UNV-EDC1  
Description: FAILSAFE FVS LED FIXTURE  
2FT LENGTH, 2-MODULE LED WITH PA187 LENS  
Light Source: (84) 3500K CCT, 80 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

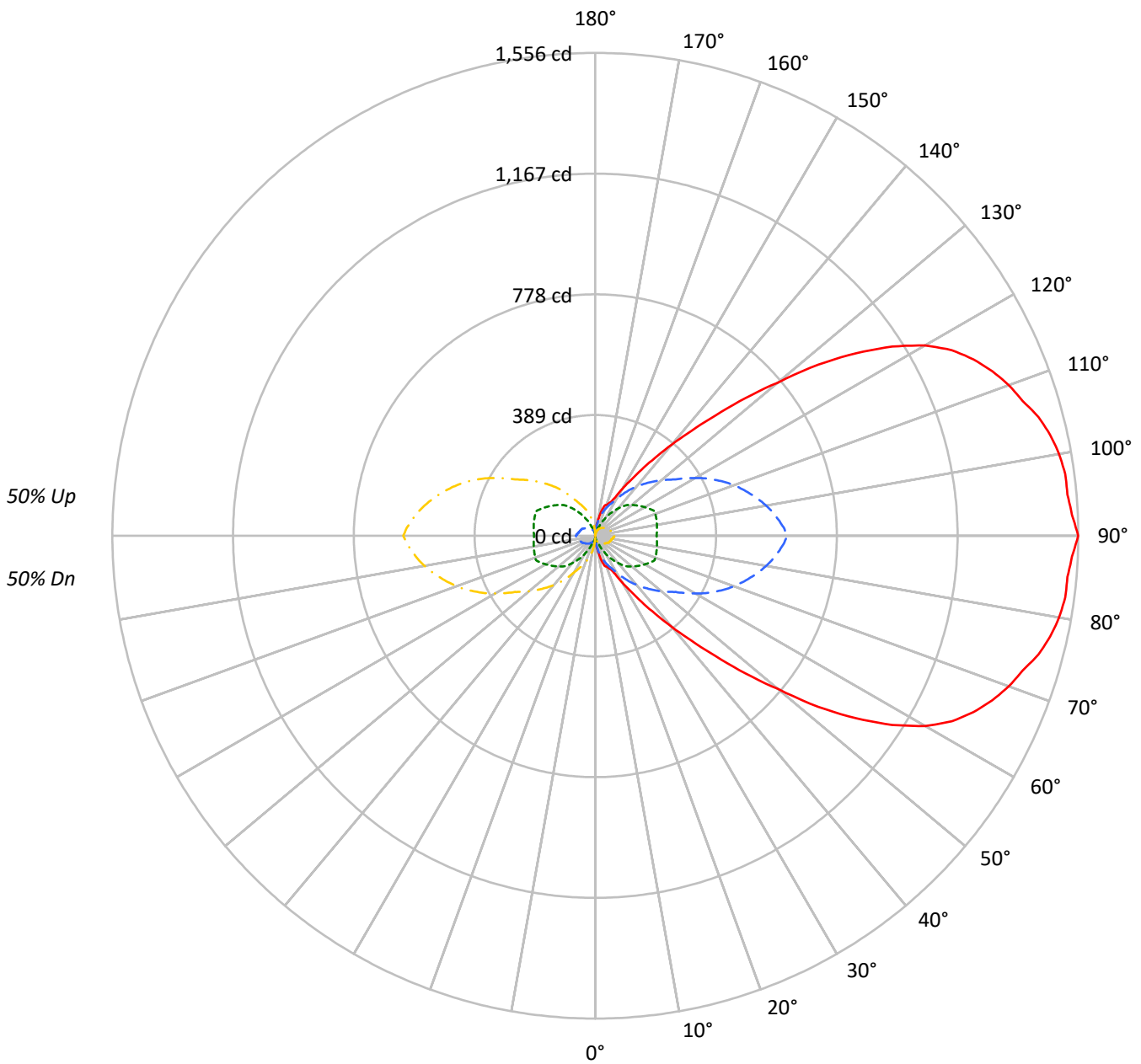
Lumens per Lamp: N/A  
Luminaire Lumens: 3438.5 lumens  
Efficiency: N/A  
Efficacy: 101.4 lumens/watt  
Spacing Criteria (0/90/45): - / - / -  
Luminous Opening: Rectangular w/ Sides (W: 1.92' x L: 0.19' x H: 0.31')  
CIE Type: General Diffuse

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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### 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	47	43	39	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	26	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°	630	210	0	210
10°	1239	420	0	420
15°	1916	633	0	633
20°	2091	855	0	855
25°	2258	1345	0	1345
30°	3069	2137	0	2137
35°	4379	2996	0	2996
40°	6248	3959	0	3959
45°	8701	5059	13	5059
50°	11987	6008	12	6008
55°	15852	7162	12	7162
60°	18903	8604	12	8604
65°	20835	10466	12	10466
70°	22261	12441	13	12441
75°	23691	14648	13	14648
80°	25037	18058	0	18058
85°	26169	23918	0	23918



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	1.5	0.0
10°-20°	11.1	0.3
20°-30°	29.9	0.9
30°-40°	68.3	2.0
40°-50°	133.2	3.9
50°-60°	237.0	6.9
60°-70°	348.7	10.1
70°-80°	424.9	12.4
80°-90°	464.5	13.5
90°-100°	464.5	13.5
100°-110°	424.9	12.4
110°-120°	348.7	10.1
120°-130°	237.0	6.9
130°-140°	133.2	3.9
140°-150°	68.3	2.0
150°-160°	29.9	0.9
160°-170°	11.1	0.3
170°-180°	1.5	0.0
0°-30°	42.6	1.2
0°-40°	110.8	3.2
0°-60°	481.1	14.0
0°-90°	1719.2	50.0
90°-120°	1238.2	36.0
90°-150°	1676.7	48.8
90°-180°	1719.0	50.0
0°-180°	3438.5	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	0	0	0	0	0	
5°	24	7	0	7	24	3
15°	89	21	0	21	89	25
25°	121	44	0	44	121	60
35°	260	91	0	91	260	170
45°	548	139	1	139	548	438
55°	1026	169	1	169	1026	916
65°	1345	199	1	199	1345	1328
75°	1478	204	1	204	1478	1558
85°	1527	199	0	199	1527	1248
90°	1556	197	0	197	1556	848
95°	1527	199	0	199	1527	1248
105°	1478	204	1	204	1478	1558
115°	1345	199	1	199	1345	1328
125°	1026	169	1	169	1026	916
135°	548	139	1	139	548	438
145°	260	91	0	91	260	170
155°	121	44	0	44	121	60
165°	89	21	0	21	89	25
175°	24	7	0	7	24	3
180°	0	0	0	0	0	



TEST NUMBER: P231937

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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°	10.4	10.6	10.7	10.9	11.0	11.1	11.3	11.0	11.0	10.9	10.9
5°	24.0	24.3	24.6	24.9	25.2	24.9	24.9	24.8	24.7	24.6	24.4
7.5°	38.3	38.7	39.1	39.5	39.3	39.3	39.3	39.2	39.0	38.7	38.3
10°	52.7	53.2	53.7	54.2	53.8	53.8	53.7	53.5	53.2	52.8	52.3
12.5°	69.5	70.0	70.5	70.3	70.2	70.0	69.6	69.2	68.5	67.8	66.9
15°	89.4	89.7	90.0	89.3	88.8	88.1	87.3	86.3	85.2	83.9	82.4
17.5°	103.0	103.4	103.7	103.2	102.9	102.5	101.8	100.9	99.8	98.6	97.2
20°	105.4	106.4	107.4	108.1	108.8	109.3	109.7	109.8	109.7	109.4	108.8
22.5°	112.6	114.3	116.0	116.9	118.0	118.7	119.2	119.4	119.2	118.7	117.8
25°	121.4	123.9	125.9	127.9	129.5	130.7	131.6	132.1	132.2	131.8	130.9
27.5°	140.5	143.1	144.9	146.5	147.6	148.3	148.6	148.5	148.1	147.2	146.3
30°	174.1	176.2	176.8	177.0	176.5	175.4	173.7	171.6	168.9	165.9	164.4
32.5°	210.8	212.4	212.0	211.2	209.7	207.3	204.3	200.6	196.4	192.0	187.8
35°	259.5	260.0	257.7	254.8	250.8	245.8	240.0	233.3	226.0	219.9	213.7
37.5°	316.2	315.5	311.2	306.2	299.7	291.9	282.8	272.7	262.0	252.6	242.8
40°	383.3	381.7	375.3	367.8	358.3	346.9	333.6	318.7	304.2	290.5	276.2
42.5°	458.4	455.6	447.0	437.2	424.9	410.2	393.3	374.4	355.6	335.7	314.6
45°	547.8	543.9	532.4	519.3	502.7	483.0	460.4	438.2	412.5	387.8	362.6
47.5°	657.2	651.4	635.5	617.6	595.5	569.4	539.7	508.9	478.2	445.3	416.6
50°	768.2	762.9	746.0	726.0	700.2	668.6	631.3	593.1	553.5	513.3	477.5
52.5°	906.3	900.4	879.0	853.9	821.6	782.3	736.5	690.8	639.8	589.6	543.9
55°	1026.1	1015.1	990.4	964.0	933.1	898.9	858.7	800.8	735.1	674.0	614.7
57.5°	1134.7	1118.0	1088.0	1056.4	1021.1	982.9	941.4	892.2	837.7	760.6	689.2
60°	1226.5	1204.4	1169.9	1134.2	1095.2	1053.9	1010.1	963.4	907.9	839.7	763.7
62.5°	1295.2	1265.9	1231.8	1194.0	1153.4	1111.5	1069.2	1025.2	972.1	912.7	832.3
65°	1344.7	1316.4	1283.0	1244.2	1199.9	1156.6	1116.6	1073.3	1024.0	968.0	900.5
67.5°	1384.6	1358.3	1327.0	1289.8	1246.7	1203.0	1156.9	1110.5	1062.9	1010.3	950.0
70°	1418.2	1395.6	1367.3	1331.9	1289.6	1243.0	1193.8	1143.2	1092.9	1043.1	988.8
72.5°	1443.7	1426.6	1403.3	1371.9	1329.6	1277.6	1224.8	1170.2	1120.4	1071.5	1020.7
75°	1478.1	1463.3	1441.1	1405.0	1356.7	1305.9	1250.6	1198.0	1146.2	1094.7	1043.2
77.5°	1501.2	1493.0	1476.2	1433.6	1381.7	1325.7	1275.8	1222.7	1168.0	1113.8	1059.2
80°	1517.2	1511.9	1495.9	1455.9	1401.0	1347.4	1293.7	1243.2	1183.9	1128.1	1071.3
82.5°	1526.8	1525.7	1512.8	1478.3	1419.3	1362.0	1305.1	1250.5	1195.4	1140.2	1085.8
85°	1526.8	1536.6	1531.8	1488.2	1428.4	1368.5	1314.7	1261.5	1205.5	1148.6	1094.9
87.5°	1537.2	1544.3	1525.7	1493.9	1436.0	1380.3	1323.7	1269.1	1208.8	1151.0	1098.3
90°	1555.5	1544.3	1519.6	1494.8	1437.3	1381.4	1324.0	1269.7	1205.0	1147.5	1096.4
92.5°	1537.2	1544.3	1525.7	1493.9	1436.0	1380.3	1323.7	1269.1	1208.8	1151.0	1098.3
95°	1526.8	1536.6	1531.8	1488.2	1428.4	1368.5	1314.7	1261.5	1205.5	1148.6	1094.9
97.5°	1526.8	1525.7	1512.8	1478.3	1419.3	1362.0	1305.1	1250.5	1195.4	1140.2	1085.8
100°	1517.2	1511.9	1495.9	1455.9	1401.0	1347.4	1293.7	1243.2	1183.9	1128.1	1071.3
102.5°	1501.2	1493.0	1476.2	1433.6	1381.7	1325.7	1275.8	1222.7	1168.0	1113.8	1059.2
105°	1478.1	1463.3	1441.1	1405.0	1356.7	1305.9	1250.6	1198.0	1146.2	1094.7	1043.2
107.5°	1443.7	1426.6	1403.3	1371.9	1329.6	1277.6	1224.8	1170.2	1120.4	1071.5	1020.7
110°	1418.2	1395.6	1367.3	1331.9	1289.6	1243.0	1193.8	1143.2	1092.9	1043.1	988.8



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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°	1384.6	1358.3	1327.0	1289.8	1246.7	1203.0	1156.9	1110.5	1062.9	1010.3	950.0
115°	1344.7	1316.4	1283.0	1244.2	1199.9	1156.6	1116.6	1073.3	1024.0	968.0	900.5
117.5°	1295.2	1265.9	1231.8	1194.0	1153.4	1111.5	1069.2	1025.2	972.1	912.7	832.2
120°	1226.5	1204.4	1169.9	1134.2	1095.2	1053.9	1010.1	963.4	907.9	839.7	763.7
122.5°	1134.7	1118.0	1088.0	1056.4	1021.1	982.9	941.4	892.2	837.7	760.6	689.2
125°	1026.1	1015.1	990.4	964.0	933.1	898.9	858.7	800.8	735.1	674.0	614.7
127.5°	906.3	900.4	879.0	853.9	821.6	782.3	736.5	690.8	639.8	589.6	543.9
130°	768.2	762.9	746.0	726.0	700.2	668.6	631.3	593.1	553.5	513.3	477.5
132.5°	657.2	651.4	635.5	617.6	595.5	569.4	539.7	508.9	478.2	445.3	416.6
135°	547.8	543.9	532.4	519.3	502.7	483.0	460.4	438.2	412.5	387.8	362.6
137.5°	458.4	455.6	447.0	437.2	424.9	410.2	393.3	374.4	355.6	335.7	314.6
140°	383.3	381.7	375.3	367.8	358.3	346.9	333.6	318.7	304.2	290.5	276.2
142.5°	316.2	315.5	311.2	306.2	299.7	291.9	282.8	272.7	262.0	252.6	242.8
145°	259.5	260.0	257.7	254.8	250.8	245.8	240.0	233.3	226.0	219.9	213.7
147.5°	210.8	212.4	212.0	211.2	209.7	207.3	204.3	200.6	196.4	192.0	187.8
150°	174.1	176.2	176.8	177.0	176.5	175.4	173.7	171.6	168.9	165.9	164.4
152.5°	140.5	143.1	144.9	146.5	147.6	148.3	148.6	148.5	148.1	147.2	146.3
155°	121.4	123.9	125.9	127.9	129.5	130.7	131.6	132.1	132.2	131.8	130.9
157.5°	112.6	114.3	116.0	116.9	118.0	118.7	119.2	119.4	119.2	118.7	117.8
160°	105.4	106.4	107.4	108.1	108.8	109.3	109.7	109.8	109.7	109.4	108.8
162.5°	103.0	103.4	103.7	103.2	102.9	102.5	101.8	100.9	99.8	98.6	97.2
165°	89.4	89.7	90.0	89.3	88.8	88.1	87.3	86.3	85.2	83.9	82.4
167.5°	69.5	70.0	70.5	70.3	70.2	70.0	69.6	69.2	68.5	67.8	66.9
170°	52.7	53.2	53.7	54.2	53.8	53.8	53.7	53.5	53.2	52.8	52.3
172.5°	38.3	38.7	39.1	39.5	39.3	39.3	39.3	39.2	39.0	38.7	38.3
175°	24.0	24.3	24.6	24.9	25.2	24.9	24.9	24.8	24.7	24.6	24.4
177.5°	10.4	10.6	10.7	10.9	11.0	11.1	11.3	11.0	11.0	10.9	10.9
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°	10.8	10.7	10.6	10.5	10.4	10.2	10.0	9.8	9.6	9.4	9.1
5°	24.1	23.8	23.5	23.0	22.6	22.1	21.5	20.9	20.3	19.6	18.8
7.5°	37.9	37.4	36.8	36.2	35.5	34.7	33.9	33.0	32.0	30.9	29.8
10°	51.7	50.9	50.1	49.2	48.2	47.1	46.0	44.8	43.5	42.1	40.6
12.5°	65.9	64.8	63.6	62.2	60.8	59.5	58.0	56.4	54.7	53.0	51.1
15°	80.9	79.2	77.4	75.7	73.9	72.0	70.1	68.0	65.8	63.7	61.4
17.5°	95.5	93.8	91.6	89.3	86.9	84.4	81.9	79.4	76.9	74.3	71.6
20°	108.0	106.3	104.0	101.6	98.9	96.1	93.2	90.2	87.3	84.3	81.3
22.5°	116.7	115.7	114.3	112.5	110.3	107.3	103.9	100.3	96.6	93.3	90.1
25°	129.8	128.2	126.1	123.4	120.8	118.0	114.6	110.8	106.6	102.1	98.1
27.5°	145.1	143.3	140.9	138.0	134.6	130.6	126.8	121.9	117.0	111.7	106.6
30°	162.5	160.3	158.1	154.5	150.6	146.0	140.9	135.2	130.3	126.5	122.5
32.5°	183.3	178.5	175.0	171.7	168.1	163.3	158.3	153.3	148.4	143.3	138.9
35°	207.3	200.8	195.2	189.4	184.9	181.4	177.4	171.9	166.1	160.5	154.8
37.5°	232.8	224.5	216.6	210.9	205.0	199.5	194.7	189.7	183.8	177.3	171.0
40°	262.3	251.1	241.6	233.6	226.2	219.1	212.8	206.6	200.7	194.0	186.8
42.5°	297.3	283.2	269.9	259.0	249.0	239.8	231.3	224.3	217.2	210.2	202.7
45°	341.2	319.1	301.9	286.1	273.0	260.9	251.0	241.6	234.0	226.2	218.1
47.5°	389.5	362.6	338.1	315.4	298.7	283.7	270.8	260.1	250.2	242.1	233.5
50°	440.8	408.7	377.7	350.4	325.4	307.1	291.5	278.1	267.1	257.2	248.8
52.5°	498.7	458.2	419.9	386.5	356.8	330.5	312.2	296.8	284.0	272.5	269.9
55°	561.3	510.3	465.7	423.9	388.6	357.9	331.8	315.8	307.4	302.3	300.7
57.5°	625.6	566.1	511.9	464.3	421.2	385.5	361.3	344.3	334.2	329.7	329.0
60°	688.3	621.4	559.7	503.4	459.7	423.0	393.2	371.6	360.1	354.9	355.0
62.5°	748.0	672.0	607.6	551.2	500.0	457.9	425.1	400.4	384.4	377.0	378.6
65°	808.4	726.4	657.8	595.9	540.5	493.1	454.8	425.8	407.8	399.4	400.7
67.5°	877.7	785.6	707.7	638.8	577.3	524.0	483.0	452.0	431.5	420.9	420.4
70°	921.0	840.9	755.8	678.0	612.3	555.7	510.0	475.7	452.4	440.7	438.1
72.5°	956.6	879.6	795.9	716.0	643.8	582.8	533.0	497.5	471.4	460.1	456.5
75°	983.1	908.1	827.5	748.6	670.4	606.7	555.9	518.3	492.2	478.7	472.8
77.5°	1008.0	930.1	848.9	774.5	697.7	632.1	580.0	539.6	511.4	496.3	489.3
80°	1020.5	952.4	873.0	795.9	719.8	652.2	600.5	559.0	528.9	513.0	506.1
82.5°	1032.9	972.2	891.1	812.8	736.1	667.5	617.7	576.5	544.8	528.9	522.9
85°	1041.1	986.2	903.2	825.1	747.2	678.5	632.0	592.3	559.5	544.3	539.6
87.5°	1044.9	997.4	912.1	835.1	755.4	687.1	644.5	607.1	573.5	559.4	556.4
90°	1044.5	995.8	910.3	835.3	755.4	690.7	653.2	618.9	586.1	574.1	572.5
92.5°	1044.9	997.4	912.1	835.1	755.4	687.1	644.5	607.1	573.5	559.4	556.4
95°	1041.1	986.2	903.2	825.1	747.2	678.5	632.0	592.3	559.5	544.3	539.6
97.5°	1032.9	972.2	891.1	812.8	736.1	667.5	617.7	576.5	544.8	528.9	522.9
100°	1020.5	952.4	873.0	795.9	719.8	652.2	600.5	559.0	528.9	513.0	506.1
102.5°	1008.0	930.1	848.9	774.5	697.7	632.1	580.0	539.6	511.4	496.3	489.3
105°	983.1	908.1	827.5	748.6	670.4	606.7	555.9	518.3	492.2	478.7	472.8
107.5°	956.6	879.6	795.9	716.0	643.8	582.8	533.0	497.5	471.4	460.1	456.5
110°	921.0	840.9	755.8	678.0	612.3	555.7	510.0	475.7	452.4	440.7	438.1





TEST NUMBER: P231937

CATALOG NUMBER: FVS4WM-2-LD4-35-2STD-PA187-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
112.5°	877.7	785.6	707.7	638.8	577.3	524.0	483.0	452.0	431.5	420.9	420.4
115°	808.4	726.4	657.8	595.9	540.5	493.1	454.8	425.8	407.8	399.4	400.7
117.5°	748.0	672.0	607.6	551.2	500.0	457.9	425.1	400.4	384.4	377.0	378.6
120°	688.3	621.4	559.7	503.4	459.7	423.0	393.2	371.6	360.1	354.9	355.0
122.5°	625.6	566.1	511.9	464.3	421.2	385.5	361.3	344.3	334.2	329.7	329.0
125°	561.3	510.3	465.7	423.9	388.6	357.9	331.8	315.8	307.4	302.3	300.7
127.5°	498.7	458.2	419.9	386.5	356.8	330.5	312.2	296.8	284.0	272.5	269.9
130°	440.8	408.7	377.7	350.4	325.4	307.1	291.5	278.1	267.1	257.2	248.8
132.5°	389.5	362.6	338.1	315.4	298.7	283.7	270.8	260.1	250.2	242.1	233.5
135°	341.2	319.1	301.9	286.1	273.0	260.9	251.0	241.6	234.0	226.2	218.1
137.5°	297.3	283.2	269.9	259.0	249.0	239.8	231.3	224.3	217.2	210.2	202.7
140°	262.3	251.1	241.6	233.6	226.2	219.1	212.8	206.6	200.7	194.0	186.8
142.5°	232.8	224.5	216.6	210.9	205.0	199.5	194.7	189.7	183.8	177.3	171.0
145°	207.3	200.8	195.2	189.4	184.9	181.4	177.4	171.9	166.1	160.5	154.8
147.5°	183.3	178.5	175.0	171.7	168.1	163.3	158.3	153.3	148.4	143.3	138.9
150°	162.5	160.3	158.1	154.5	150.6	146.0	140.9	135.2	130.3	126.5	122.5
152.5°	145.1	143.3	140.9	138.0	134.6	130.7	126.8	121.9	117.0	111.7	106.6
155°	129.8	128.2	126.1	123.4	120.8	118.0	114.6	110.8	106.6	102.1	98.1
157.5°	116.7	115.7	114.3	112.5	110.3	107.3	103.9	100.3	96.6	93.3	90.1
160°	108.0	106.3	104.0	101.6	98.9	96.1	93.2	90.2	87.3	84.3	81.3
162.5°	95.5	93.8	91.6	89.3	86.9	84.4	81.9	79.4	76.9	74.3	71.6
165°	80.9	79.2	77.4	75.7	73.9	72.0	70.1	68.0	65.8	63.7	61.4
167.5°	65.9	64.8	63.6	62.2	60.8	59.5	58.0	56.4	54.7	53.0	51.1
170°	51.7	50.9	50.1	49.2	48.2	47.1	46.0	44.8	43.5	42.1	40.6
172.5°	37.9	37.4	36.8	36.2	35.5	34.7	33.9	33.0	32.0	30.9	29.8
175°	24.1	23.8	23.5	23.0	22.6	22.1	21.5	20.9	20.3	19.6	18.8
177.5°	10.8	10.7	10.6	10.5	10.4	10.2	10.0	9.8	9.6	9.4	9.1
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: P231937

CATALOG NUMBER: FVS4WM-2-LD4-35-2STD-PA187-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°	8.8	8.5	8.2	7.9	7.6	7.2	6.9	6.5	6.1	5.7	5.3
5°	18.1	17.2	16.4	15.7	15.1	14.4	13.7	12.9	12.1	11.3	10.5
7.5°	28.7	27.4	26.1	24.8	23.4	22.0	20.5	19.3	18.1	16.9	15.7
10°	39.1	37.5	36.0	34.1	32.2	30.3	28.3	26.3	24.2	22.5	20.9
12.5°	49.2	47.3	45.2	43.1	41.0	38.6	36.2	33.6	31.0	28.3	26.0
15°	59.1	56.7	54.6	51.8	49.2	46.6	43.9	40.9	37.8	34.5	31.2
17.5°	69.2	66.0	63.2	60.2	57.2	54.2	51.2	48.0	44.5	40.7	36.9
20°	78.2	75.1	71.8	68.5	65.1	61.5	58.1	54.7	51.1	46.9	42.6
22.5°	86.9	83.5	80.0	76.5	72.7	68.8	64.9	61.1	57.2	53.1	48.2
25°	94.3	91.0	87.6	83.8	81.5	78.9	76.0	73.0	69.8	66.3	61.8
27.5°	103.5	101.7	100.4	98.8	96.6	94.3	91.5	88.4	85.0	81.1	76.6
30°	119.3	116.3	114.1	112.8	111.2	108.9	106.4	103.4	100.5	96.0	91.5
32.5°	134.6	131.1	128.1	126.1	124.7	122.9	120.6	117.9	114.9	110.8	105.8
35°	149.9	145.4	141.9	139.2	137.6	136.3	134.3	132.1	129.1	125.6	120.2
37.5°	164.9	159.8	155.1	152.3	150.1	148.9	147.5	145.4	143.0	140.3	134.6
40°	180.1	173.6	168.7	164.4	162.4	161.0	160.2	158.5	156.4	154.1	149.0
42.5°	194.8	187.9	181.6	177.0	174.1	172.7	172.2	171.2	169.5	167.6	163.4
45°	209.8	201.6	194.8	189.3	185.1	184.2	183.8	183.5	182.3	180.8	177.7
47.5°	224.2	215.5	207.7	201.3	196.8	196.7	198.7	199.3	197.8	195.0	190.9
50°	239.0	230.7	230.6	230.4	228.7	226.0	224.0	221.0	216.3	210.5	203.9
52.5°	269.3	269.2	271.3	271.2	266.6	258.4	251.9	244.6	236.2	226.9	217.3
55°	302.0	304.8	309.3	313.5	307.0	294.5	282.0	269.9	257.3	244.4	231.4
57.5°	331.7	337.2	344.8	353.6	348.3	333.1	314.2	296.9	279.5	262.8	246.2
60°	358.8	366.7	377.7	390.0	390.6	373.8	348.2	325.4	303.2	282.0	261.4
62.5°	384.4	394.3	408.1	424.4	433.9	416.5	384.3	355.7	327.9	301.8	277.2
65°	408.2	420.0	436.3	457.2	477.6	458.7	422.5	387.0	353.5	322.3	293.3
67.5°	430.1	444.0	462.6	488.2	512.9	500.3	462.0	419.4	379.8	343.2	309.8
70°	450.5	467.2	488.8	515.8	538.8	527.7	484.9	435.6	391.3	350.8	314.9
72.5°	465.9	481.1	500.1	520.6	538.1	530.6	490.0	441.0	396.4	355.0	318.1
75°	477.4	491.5	510.2	528.0	539.7	533.3	493.7	445.7	400.9	358.8	321.0
77.5°	489.7	502.1	520.7	537.6	543.1	535.8	496.2	449.6	404.9	362.3	323.5
80°	502.8	513.2	531.8	548.9	547.9	537.9	497.5	452.7	408.3	365.5	325.8
82.5°	516.5	524.5	543.4	561.5	553.7	539.5	497.8	455.1	411.2	368.3	329.0
85°	530.6	536.3	555.5	574.8	560.2	542.1	498.4	458.0	414.6	371.6	330.0
87.5°	545.1	548.3	567.9	588.8	567.1	541.4	495.9	458.2	415.7	373.0	331.1
90°	559.8	561.4	581.3	602.1	573.3	540.6	493.5	458.4	416.8	374.5	332.2
92.5°	545.1	548.3	567.9	588.8	567.1	541.4	495.9	458.2	415.7	373.0	331.1
95°	530.6	536.3	555.5	574.8	560.2	542.1	498.4	458.0	414.6	371.6	330.0
97.5°	516.5	524.5	543.4	561.5	553.7	539.5	497.8	455.1	411.2	368.3	329.0
100°	502.8	513.2	531.8	548.9	547.9	537.9	497.5	452.7	408.3	365.5	325.8
102.5°	489.7	502.1	520.7	537.6	543.1	535.8	496.2	449.6	404.9	362.3	323.5
105°	477.4	491.5	510.2	528.0	539.7	533.3	493.7	445.7	400.9	358.8	321.0
107.5°	465.9	481.1	500.1	520.6	538.1	530.6	490.0	441.0	396.4	355.0	318.1
110°	450.5	467.2	488.8	515.8	538.8	527.7	484.9	435.6	391.3	350.8	314.9



TEST NUMBER: P231937

CATALOG NUMBER: FVS4WM-2-LD4-35-2STD-PA187-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
112.5°	430.1	444.0	462.6	488.2	512.9	500.3	462.0	419.4	379.8	343.2	309.8
115°	408.2	420.0	436.3	457.2	477.6	458.7	422.5	387.0	353.5	322.3	293.3
117.5°	384.4	394.3	408.1	424.4	433.9	416.5	384.3	355.7	327.9	301.8	277.2
120°	358.8	366.7	377.7	390.0	390.6	373.8	348.2	325.4	303.2	282.0	261.4
122.5°	331.7	337.2	344.8	353.6	348.3	333.1	314.2	296.9	279.5	262.8	246.2
125°	302.0	304.8	309.3	313.5	307.0	294.5	282.0	269.9	257.3	244.4	231.4
127.5°	269.3	269.2	271.3	271.2	266.6	258.4	251.9	244.6	236.2	226.9	217.3
130°	239.0	230.7	230.6	230.4	228.7	226.0	224.0	221.0	216.3	210.5	203.9
132.5°	224.2	215.5	207.7	201.3	196.8	196.7	198.7	199.3	197.8	195.0	190.9
135°	209.8	201.6	194.8	189.3	185.1	184.2	183.8	183.5	182.3	180.8	177.7
137.5°	194.8	187.9	181.6	177.0	174.1	172.7	172.2	171.2	169.5	167.6	163.4
140°	180.1	173.6	168.7	164.4	162.4	161.0	160.2	158.5	156.4	154.1	149.0
142.5°	164.9	159.8	155.1	152.3	150.1	148.9	147.5	145.4	143.0	140.3	134.6
145°	149.9	145.4	141.9	139.2	137.6	136.3	134.3	132.1	129.1	125.6	120.2
147.5°	134.6	131.1	128.1	126.1	124.7	122.9	120.6	117.9	114.9	110.8	105.8
150°	119.3	116.3	114.1	112.8	111.2	108.9	106.4	103.4	100.5	96.0	91.5
152.5°	103.5	101.7	100.4	98.8	96.6	94.3	91.5	88.4	85.0	81.1	76.6
155°	94.3	91.0	87.6	83.8	81.5	78.9	76.0	73.0	69.8	66.3	61.8
157.5°	86.9	83.5	80.0	76.5	72.7	68.8	64.9	61.1	57.2	53.1	48.2
160°	78.2	75.1	71.8	68.5	65.1	61.5	58.1	54.7	51.1	46.9	42.6
162.5°	69.2	66.0	63.2	60.2	57.2	54.2	51.2	48.0	44.5	40.7	36.9
165°	59.1	56.7	54.6	51.8	49.2	46.6	43.9	40.9	37.8	34.5	31.2
167.5°	49.2	47.3	45.2	43.1	41.0	38.6	36.2	33.6	31.0	28.3	26.0
170°	39.1	37.5	36.0	34.1	32.2	30.3	28.3	26.3	24.2	22.5	20.9
172.5°	28.7	27.4	26.1	24.8	23.4	22.0	20.5	19.3	18.1	16.9	15.7
175°	18.1	17.2	16.4	15.7	15.1	14.4	13.7	12.9	12.1	11.3	10.5
177.5°	8.8	8.5	8.2	7.9	7.6	7.2	6.9	6.5	6.1	5.7	5.3
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: P231937

CATALOG NUMBER: FVS4WM-2-LD4-35-2STD-PA187-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°	4.9	4.4	4.0	3.5	3.5	3.5	3.5	3.5	3.4	3.4	3.4
5°	9.7	8.8	8.0	7.1	7.1	7.0	7.0	6.9	6.8	6.8	6.7
7.5°	14.5	13.2	11.9	10.6	10.6	10.5	10.4	10.3	10.2	10.1	9.9
10°	19.3	17.6	15.9	14.2	14.1	14.0	13.9	13.7	13.5	13.4	13.1
12.5°	24.0	22.0	19.9	17.7	17.6	17.5	17.3	17.1	16.8	16.6	16.3
15°	28.7	26.3	23.8	21.3	21.1	20.9	20.7	20.4	20.1	19.8	19.4
17.5°	33.4	30.6	27.7	24.8	24.6	24.4	24.1	23.7	23.3	22.9	22.5
20°	38.1	34.9	31.6	28.4	28.1	27.8	27.4	27.0	26.6	26.1	25.8
22.5°	43.2	39.1	35.5	31.9	31.6	31.2	30.7	30.3	29.7	29.4	29.0
25°	56.7	52.0	48.0	43.8	43.0	42.0	40.8	39.5	38.1	36.9	35.6
27.5°	70.9	65.2	60.6	55.7	54.4	52.9	51.1	49.2	47.4	45.7	43.8
30°	85.1	78.6	73.2	67.6	65.7	63.7	61.3	58.7	56.4	54.0	51.5
32.5°	99.3	92.1	85.8	79.5	77.0	74.3	71.1	67.9	64.9	61.9	58.9
35°	113.6	105.7	98.5	91.3	88.3	84.8	80.8	76.9	73.2	69.5	65.9
37.5°	127.9	119.3	111.2	103.2	99.4	95.2	90.3	85.6	81.2	76.9	72.4
40°	142.2	132.9	124.0	115.1	110.5	105.4	99.6	94.1	88.8	83.9	78.5
42.5°	156.4	146.6	136.7	127.0	121.6	115.5	108.9	102.3	96.4	90.9	84.2
45°	170.3	160.2	149.5	138.9	132.6	125.4	117.7	110.3	103.7	97.0	89.6
47.5°	181.4	170.2	158.3	146.4	138.3	129.7	121.2	113.5	107.0	100.1	92.4
50°	192.7	180.2	167.2	154.0	143.9	133.6	124.0	115.7	108.7	101.3	93.2
52.5°	204.2	190.2	176.0	161.5	149.3	137.4	126.8	117.9	110.4	102.7	94.5
55°	216.1	200.2	184.9	169.1	154.6	141.0	129.6	120.2	112.1	104.2	96.3
57.5°	228.2	210.2	193.9	176.6	159.9	144.6	132.3	122.3	113.8	105.8	98.5
60°	240.5	220.2	202.8	184.2	165.0	148.1	134.9	124.5	115.7	107.9	101.4
62.5°	253.0	230.2	211.7	191.7	170.1	151.6	137.6	126.7	117.6	110.2	104.3
65°	265.6	240.2	220.7	199.3	175.2	155.0	140.3	128.9	119.7	112.9	107.6
67.5°	278.4	250.2	229.6	206.8	180.2	158.3	142.9	131.1	121.8	115.9	111.2
70°	282.4	253.3	230.1	205.7	179.0	157.1	141.5	129.9	121.1	116.1	112.0
72.5°	285.4	256.1	230.5	204.7	177.8	155.8	139.9	128.3	119.8	115.1	111.1
75°	288.3	259.1	231.9	203.6	176.7	154.6	138.3	126.8	118.6	114.3	110.3
77.5°	290.9	262.0	232.0	202.5	175.6	153.5	136.7	125.4	117.5	113.5	109.6
80°	293.3	265.9	232.0	201.5	174.5	152.5	135.3	124.1	116.5	112.7	108.9
82.5°	296.2	268.3	232.1	200.4	173.5	151.6	133.9	122.9	115.6	112.0	108.4
85°	297.8	270.7	232.2	199.3	172.6	150.7	132.5	121.8	114.8	111.4	107.8
87.5°	299.4	273.1	232.3	198.3	171.7	150.0	131.3	120.7	114.1	110.8	107.4
90°	301.0	275.5	232.4	197.2	170.9	149.3	130.2	119.8	113.4	110.2	107.0
92.5°	299.4	273.1	232.3	198.3	171.7	150.0	131.3	120.7	114.1	110.8	107.4
95°	297.8	270.7	232.2	199.3	172.6	150.7	132.5	121.8	114.8	111.4	107.8
97.5°	296.2	268.3	232.1	200.4	173.5	151.6	133.9	122.9	115.6	112.0	108.4
100°	293.3	265.9	232.0	201.5	174.5	152.5	135.3	124.1	116.5	112.7	108.9
102.5°	290.9	262.0	232.0	202.5	175.6	153.5	136.7	125.4	117.5	113.5	109.6
105°	288.3	259.1	231.9	203.6	176.7	154.6	138.3	126.8	118.6	114.3	110.3
107.5°	285.4	256.1	230.5	204.7	177.8	155.8	139.9	128.3	119.8	115.1	111.1
110°	282.4	253.3	230.1	205.7	179.0	157.1	141.5	129.9	121.1	116.1	112.0



TEST NUMBER: P231937

CATALOG NUMBER: FVS4WM-2-LD4-35-2STD-PA187-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
112.5°	278.4	250.2	229.6	206.8	180.2	158.3	142.9	131.1	121.8	115.9	111.2
115°	265.6	240.2	220.7	199.3	175.2	155.0	140.3	128.9	119.7	112.9	107.6
117.5°	253.0	230.2	211.7	191.7	170.1	151.6	137.6	126.7	117.6	110.2	104.3
120°	240.5	220.2	202.8	184.2	165.0	148.1	134.9	124.5	115.7	107.9	101.4
122.5°	228.2	210.2	193.9	176.6	159.9	144.6	132.3	122.3	113.8	105.8	98.5
125°	216.1	200.2	184.9	169.1	154.6	141.0	129.6	120.2	112.1	104.2	96.3
127.5°	204.2	190.2	176.0	161.5	149.3	137.4	126.8	117.9	110.4	102.7	94.5
130°	192.7	180.2	167.2	154.0	143.9	133.6	124.0	115.7	108.7	101.3	93.2
132.5°	181.4	170.2	158.3	146.4	138.3	129.7	121.2	113.5	107.0	100.1	92.4
135°	170.3	160.2	149.5	138.9	132.6	125.4	117.7	110.3	103.7	97.0	89.6
137.5°	156.4	146.6	136.7	127.0	121.6	115.5	108.9	102.3	96.4	90.9	84.2
140°	142.2	132.9	124.0	115.1	110.5	105.4	99.6	94.1	88.8	83.9	78.5
142.5°	127.9	119.3	111.2	103.2	99.4	95.2	90.3	85.6	81.2	76.9	72.4
145°	113.6	105.7	98.5	91.3	88.3	84.8	80.8	76.9	73.2	69.5	65.9
147.5°	99.3	92.1	85.8	79.5	77.0	74.3	71.1	67.9	64.9	61.9	58.9
150°	85.1	78.6	73.2	67.6	65.7	63.7	61.3	58.7	56.4	54.0	51.5
152.5°	70.9	65.2	60.6	55.7	54.4	52.9	51.1	49.2	47.4	45.7	43.8
155°	56.7	52.0	48.0	43.8	43.0	42.0	40.8	39.5	38.1	36.9	35.6
157.5°	43.2	39.1	35.5	31.9	31.6	31.2	30.7	30.3	29.7	29.4	29.0
160°	38.1	34.9	31.6	28.4	28.1	27.8	27.4	27.0	26.6	26.1	25.8
162.5°	33.4	30.6	27.7	24.8	24.6	24.4	24.1	23.7	23.3	22.9	22.5
165°	28.7	26.3	23.8	21.3	21.1	20.9	20.7	20.4	20.1	19.8	19.4
167.5°	24.0	22.0	19.9	17.7	17.6	17.5	17.3	17.1	16.8	16.6	16.3
170°	19.3	17.6	15.9	14.2	14.1	14.0	13.9	13.7	13.5	13.4	13.1
172.5°	14.5	13.2	11.9	10.6	10.6	10.5	10.4	10.3	10.2	10.1	9.9
175°	9.7	8.8	8.0	7.1	7.1	7.0	7.0	6.9	6.8	6.8	6.7
177.5°	4.9	4.4	4.0	3.5	3.5	3.5	3.5	3.5	3.4	3.4	3.4
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: P231937

CATALOG NUMBER: FVS4WM-2-LD4-35-2STD-PA187-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°	3.3	3.2	3.2	3.1	3.0	2.9	2.9	2.8	2.7	2.6	2.5
5°	6.5	6.4	6.3	6.1	6.0	5.8	5.6	5.5	5.3	5.1	4.8
7.5°	9.7	9.5	9.3	9.1	8.9	8.6	8.4	8.1	7.8	7.5	7.2
10°	12.9	12.6	12.3	12.0	11.7	11.4	11.1	10.7	10.4	10.0	9.6
12.5°	16.0	15.6	15.3	15.0	14.6	14.3	13.9	13.4	12.9	12.4	11.8
15°	19.0	18.7	18.4	18.0	17.6	17.1	16.5	15.9	15.3	14.7	14.0
17.5°	22.2	21.9	21.5	20.9	20.3	19.7	19.0	18.3	17.6	16.8	16.1
20°	25.4	25.0	24.4	23.7	23.0	22.2	21.5	20.7	19.9	19.2	18.4
22.5°	28.6	27.9	27.2	26.4	25.6	24.7	23.9	23.2	22.5	21.7	20.7
25°	34.0	32.4	30.7	29.1	28.1	27.4	26.7	25.9	24.9	23.8	22.7
27.5°	41.7	39.6	37.5	35.3	33.4	31.6	29.9	28.2	27.0	25.8	24.6
30°	49.0	46.3	43.6	40.9	38.4	36.0	33.8	31.7	29.8	28.0	26.6
32.5°	55.7	52.4	48.9	45.6	42.4	39.5	36.8	34.4	32.2	30.4	28.7
35°	61.9	57.8	53.4	49.3	45.6	42.1	39.1	36.5	34.4	32.3	30.1
37.5°	67.6	62.3	57.0	52.3	48.0	44.3	41.0	38.4	36.0	33.5	31.3
40°	72.7	66.1	60.1	54.7	50.1	45.9	42.9	39.9	37.1	34.8	32.9
42.5°	76.9	69.2	62.7	56.8	51.6	47.7	44.3	41.1	38.5	36.5	34.5
45°	80.5	72.1	64.7	58.4	53.2	49.2	45.6	42.5	40.2	38.0	35.9
47.5°	83.0	74.5	66.6	59.6	54.9	50.6	46.7	44.2	41.8	39.5	37.5
50°	84.2	76.2	68.7	62.1	56.8	51.9	48.5	45.9	43.4	41.2	39.0
52.5°	86.2	78.5	71.0	65.2	60.1	55.5	52.4	48.7	45.0	42.9	40.2
55°	88.6	81.1	73.9	68.5	63.7	60.3	57.3	53.7	49.5	45.4	41.5
57.5°	91.4	84.0	77.5	72.2	67.6	65.5	62.5	58.2	53.2	48.4	44.1
60°	94.6	87.2	81.2	76.3	72.8	71.1	68.0	62.1	56.3	50.9	46.1
62.5°	98.0	90.5	85.1	80.5	78.4	76.6	72.5	65.5	59.0	53.0	47.7
65°	101.5	94.4	89.1	85.0	84.4	82.4	76.3	68.5	61.3	54.8	49.0
67.5°	105.2	98.5	93.6	90.2	90.7	88.4	79.8	71.2	63.4	56.3	50.1
70°	106.6	101.1	97.2	95.7	96.6	93.4	83.0	73.7	65.3	57.7	51.0
72.5°	105.8	101.0	97.2	96.2	96.8	93.3	84.6	75.8	67.0	58.9	51.7
75°	105.3	101.0	97.3	96.4	96.3	92.2	85.0	76.8	68.0	60.0	52.7
77.5°	105.0	101.2	97.3	96.4	95.8	91.9	86.2	78.1	69.3	61.4	53.9
80°	104.8	101.6	97.4	96.3	95.3	92.3	88.0	79.6	70.8	63.0	55.3
82.5°	104.8	102.0	97.5	96.0	94.8	93.2	90.3	81.4	72.6	65.0	56.8
85°	104.9	102.5	97.6	95.7	94.3	94.4	93.0	83.5	74.7	67.3	58.6
87.5°	105.1	103.1	97.9	95.3	93.8	95.9	96.0	85.9	77.2	69.8	60.7
90°	105.4	103.8	98.2	95.0	93.4	97.4	99.0	88.6	79.9	72.7	63.1
92.5°	105.1	103.1	97.9	95.3	93.8	95.9	96.0	85.9	77.2	69.8	60.7
95°	104.9	102.5	97.6	95.7	94.3	94.4	93.0	83.5	74.7	67.3	58.6
97.5°	104.8	102.0	97.5	96.0	94.8	93.2	90.3	81.4	72.6	65.0	56.8
100°	104.8	101.6	97.4	96.3	95.3	92.3	88.0	79.6	70.8	63.0	55.3
102.5°	105.0	101.2	97.3	96.4	95.8	91.9	86.2	78.1	69.3	61.4	53.9
105°	105.3	101.0	97.3	96.4	96.3	92.2	85.0	76.8	68.0	60.0	52.7
107.5°	105.8	101.0	97.2	96.2	96.8	93.3	84.6	75.8	67.0	58.9	51.7
110°	106.6	101.1	97.2	95.7	96.6	93.4	83.0	73.7	65.3	57.7	51.0



TEST NUMBER: P231937

CATALOG NUMBER: FVS4WM-2-LD4-35-2STD-PA187-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
112.5°	105.2	98.5	93.6	90.2	90.7	88.4	79.8	71.2	63.4	56.3	50.1
115°	101.5	94.4	89.1	85.0	84.4	82.4	76.3	68.5	61.3	54.8	49.0
117.5°	98.0	90.5	85.1	80.5	78.4	76.6	72.5	65.5	59.0	53.0	47.7
120°	94.6	87.2	81.2	76.3	72.8	71.1	68.0	62.1	56.3	50.9	46.1
122.5°	91.4	84.0	77.5	72.2	67.6	65.5	62.5	58.2	53.2	48.4	44.1
125°	88.6	81.1	73.9	68.5	63.7	60.3	57.3	53.7	49.5	45.4	41.5
127.5°	86.2	78.5	71.0	65.2	60.1	55.5	52.4	48.7	45.0	42.9	40.2
130°	84.2	76.2	68.7	62.1	56.8	51.9	48.5	45.9	43.4	41.2	39.0
132.5°	83.0	74.5	66.6	59.6	54.9	50.6	46.7	44.2	41.8	39.5	37.5
135°	80.5	72.1	64.7	58.4	53.2	49.2	45.6	42.5	40.2	38.0	35.9
137.5°	76.9	69.2	62.7	56.8	51.6	47.7	44.3	41.1	38.5	36.5	34.5
140°	72.7	66.1	60.1	54.7	50.1	45.9	42.9	39.9	37.1	34.8	32.9
142.5°	67.6	62.3	57.0	52.3	48.0	44.3	41.0	38.4	36.0	33.5	31.3
145°	61.9	57.8	53.4	49.3	45.6	42.1	39.1	36.5	34.4	32.3	30.1
147.5°	55.7	52.4	48.9	45.6	42.4	39.5	36.8	34.4	32.2	30.4	28.7
150°	49.0	46.3	43.6	40.9	38.4	36.0	33.8	31.7	29.8	28.0	26.6
152.5°	41.7	39.6	37.5	35.3	33.4	31.6	29.9	28.2	27.0	25.8	24.6
155°	34.0	32.4	30.7	29.1	28.1	27.4	26.7	25.9	24.9	23.8	22.7
157.5°	28.6	27.9	27.2	26.4	25.6	24.7	23.9	23.2	22.5	21.7	20.7
160°	25.4	25.0	24.4	23.7	23.0	22.2	21.5	20.7	19.9	19.2	18.4
162.5°	22.2	21.9	21.5	20.9	20.3	19.7	19.0	18.3	17.6	16.8	16.1
165°	19.0	18.7	18.4	18.0	17.6	17.1	16.5	15.9	15.3	14.7	14.0
167.5°	16.0	15.6	15.3	15.0	14.6	14.3	13.9	13.4	12.9	12.4	11.8
170°	12.9	12.6	12.3	12.0	11.7	11.4	11.1	10.7	10.4	10.0	9.6
172.5°	9.7	9.5	9.3	9.1	8.9	8.6	8.4	8.1	7.8	7.5	7.2
175°	6.5	6.4	6.3	6.1	6.0	5.8	5.6	5.5	5.3	5.1	4.8
177.5°	3.3	3.2	3.2	3.1	3.0	2.9	2.9	2.8	2.7	2.6	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: P231937

CATALOG NUMBER: FVS4WM-2-LD4-35-2STD-PA187-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°	2.4	2.2	2.1	2.0	1.9	1.7	1.6	1.5	1.3	1.2	1.0
5°	4.6	4.4	4.2	3.9	3.7	3.4	3.1	2.9	2.6	2.3	2.0
7.5°	6.8	6.5	6.2	5.8	5.4	5.1	4.7	4.3	3.9	3.5	3.1
10°	9.1	8.7	8.2	7.7	7.2	6.7	6.2	5.6	5.1	4.6	4.0
12.5°	11.3	10.7	10.1	9.5	8.9	8.2	7.6	6.9	6.3	5.6	4.9
15°	13.3	12.6	11.9	11.2	10.5	9.7	9.0	8.2	7.5	6.7	5.9
17.5°	15.3	14.6	13.9	13.1	12.3	11.4	10.5	9.6	8.7	7.7	6.8
20°	17.6	16.8	15.8	14.8	13.8	12.8	11.8	10.8	9.7	8.7	7.6
22.5°	19.6	18.6	17.5	16.4	15.3	14.2	13.1	11.9	10.8	9.6	8.4
25°	21.5	20.4	19.2	18.0	16.8	15.6	14.3	13.1	11.7	10.4	9.1
27.5°	23.4	22.1	20.9	19.6	18.1	16.7	15.2	13.8	12.4	11.0	9.7
30°	25.2	23.9	22.2	20.6	19.0	17.6	16.2	14.7	13.3	11.8	10.4
32.5°	26.8	25.0	23.3	21.8	20.3	18.8	17.3	15.7	14.2	12.6	11.1
35°	28.0	26.4	24.8	23.2	21.6	20.0	18.3	16.7	15.0	13.4	11.6
37.5°	29.6	27.9	26.2	24.5	22.8	21.1	19.3	17.4	15.5	13.6	11.9
40°	31.1	29.2	27.5	25.7	23.9	21.8	19.7	17.9	16.1	14.3	12.5
42.5°	32.5	30.6	28.8	26.6	24.4	22.4	20.6	18.7	16.6	14.5	12.6
45°	34.0	31.9	29.6	27.3	25.3	23.3	21.0	18.8	16.9	15.0	13.1
47.5°	35.3	32.8	30.5	28.3	26.0	23.6	21.5	19.5	17.6	15.7	13.8
50°	36.4	33.9	31.5	29.0	26.5	24.3	22.2	20.2	18.2	16.2	14.3
52.5°	37.5	34.9	32.2	29.6	27.2	25.0	23.0	20.9	18.8	16.8	14.7
55°	38.6	35.8	33.0	30.4	28.1	25.9	23.7	21.5	19.3	17.1	14.8
57.5°	40.2	36.7	33.8	31.4	29.1	26.8	24.4	21.9	19.5	17.1	14.6
60°	41.8	38.0	34.8	32.4	30.1	27.4	24.8	22.3	19.7	17.0	14.5
62.5°	43.0	38.9	35.7	33.1	30.6	27.9	25.4	22.7	19.9	17.0	14.4
65°	43.8	39.6	36.2	33.3	30.3	28.1	26.0	22.9	19.7	16.6	13.8
67.5°	44.6	40.1	36.5	33.1	30.1	27.6	25.2	22.5	19.2	16.0	13.1
70°	45.2	40.5	36.5	32.7	29.5	26.7	23.7	20.9	18.2	15.2	12.2
72.5°	45.5	40.8	36.4	32.3	28.8	25.6	22.4	19.5	16.7	14.0	11.2
75°	46.1	41.0	36.3	31.7	28.0	24.5	21.3	18.3	15.4	12.6	10.3
77.5°	47.2	41.5	36.1	31.3	27.2	23.6	20.5	17.4	14.3	11.8	9.4
80°	48.3	42.0	36.2	31.0	26.5	22.7	19.6	16.7	13.7	11.2	8.1
82.5°	49.5	42.5	36.3	30.7	25.8	21.6	18.2	15.3	12.9	10.1	6.7
85°	50.8	43.2	36.7	30.6	25.2	20.6	16.9	14.2	11.8	9.0	6.1
87.5°	52.4	44.2	37.3	30.7	24.8	19.7	15.9	13.3	11.0	8.7	6.0
90°	54.3	45.5	38.3	31.1	24.8	19.2	15.2	12.8	10.4	8.8	6.4
92.5°	52.4	44.2	37.3	30.7	24.8	19.7	15.9	13.3	11.0	8.7	6.0
95°	50.8	43.2	36.7	30.6	25.2	20.6	16.9	14.2	11.8	9.0	6.1
97.5°	49.5	42.5	36.3	30.7	25.8	21.6	18.2	15.3	12.9	10.1	6.7
100°	48.3	42.0	36.2	31.0	26.5	22.7	19.6	16.7	13.7	11.2	8.1
102.5°	47.2	41.5	36.1	31.3	27.2	23.6	20.5	17.4	14.3	11.8	9.4
105°	46.1	41.0	36.3	31.7	28.0	24.5	21.3	18.3	15.4	12.6	10.3
107.5°	45.5	40.8	36.4	32.3	28.8	25.6	22.4	19.5	16.7	14.0	11.2
110°	45.2	40.5	36.5	32.7	29.5	26.7	23.7	20.9	18.2	15.2	12.2





TEST NUMBER: P231937

CATALOG NUMBER: FVS4WM-2-LD4-35-2STD-PA187-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
112.5°	44.6	40.1	36.5	33.1	30.1	27.6	25.2	22.5	19.2	16.0	13.1
115°	43.8	39.6	36.2	33.3	30.3	28.1	26.0	22.9	19.7	16.6	13.8
117.5°	43.0	38.9	35.7	33.1	30.6	27.9	25.4	22.7	19.9	17.0	14.4
120°	41.8	38.0	34.8	32.4	30.1	27.4	24.8	22.3	19.7	17.0	14.5
122.5°	40.2	36.7	33.8	31.4	29.1	26.8	24.4	21.9	19.5	17.1	14.6
125°	38.6	35.8	33.0	30.4	28.1	25.9	23.7	21.5	19.3	17.1	14.8
127.5°	37.5	34.9	32.2	29.6	27.2	25.0	23.0	20.9	18.8	16.8	14.7
130°	36.4	33.9	31.5	29.0	26.5	24.3	22.2	20.2	18.2	16.2	14.3
132.5°	35.3	32.8	30.5	28.3	26.0	23.6	21.5	19.5	17.6	15.7	13.8
135°	34.0	31.9	29.6	27.3	25.3	23.3	21.0	18.8	16.9	15.0	13.1
137.5°	32.5	30.6	28.8	26.6	24.4	22.4	20.6	18.7	16.6	14.5	12.6
140°	31.1	29.2	27.5	25.7	23.9	21.8	19.7	17.9	16.1	14.3	12.5
142.5°	29.6	27.9	26.2	24.5	22.8	21.1	19.3	17.4	15.5	13.6	11.9
145°	28.0	26.4	24.8	23.2	21.6	20.0	18.3	16.7	15.0	13.4	11.6
147.5°	26.8	25.0	23.3	21.8	20.3	18.8	17.3	15.7	14.2	12.6	11.1
150°	25.2	23.9	22.2	20.6	19.0	17.6	16.2	14.7	13.3	11.8	10.4
152.5°	23.4	22.1	20.9	19.6	18.1	16.7	15.2	13.8	12.4	11.0	9.7
155°	21.5	20.4	19.2	18.0	16.8	15.6	14.3	13.1	11.7	10.4	9.1
157.5°	19.6	18.6	17.5	16.4	15.3	14.2	13.1	11.9	10.8	9.6	8.4
160°	17.6	16.8	15.8	14.8	13.8	12.8	11.8	10.8	9.7	8.7	7.6
162.5°	15.3	14.6	13.9	13.1	12.3	11.4	10.5	9.6	8.7	7.7	6.8
165°	13.3	12.6	11.9	11.2	10.5	9.7	9.0	8.2	7.5	6.7	5.9
167.5°	11.3	10.7	10.1	9.5	8.9	8.2	7.6	6.9	6.3	5.6	4.9
170°	9.1	8.7	8.2	7.7	7.2	6.7	6.2	5.6	5.1	4.6	4.0
172.5°	6.8	6.5	6.2	5.8	5.4	5.1	4.7	4.3	3.9	3.5	3.1
175°	4.6	4.4	4.2	3.9	3.7	3.4	3.1	2.9	2.6	2.3	2.0
177.5°	2.4	2.2	2.1	2.0	1.9	1.7	1.6	1.5	1.3	1.2	1.0
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: P231937

CATALOG NUMBER: FVS4WM-2-LD4-35-2STD-PA187-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°	0.9	0.7	0.6	0.5	0.3	0.2	0.0	0.2	0.3	0.5	0.6
5°	1.8	1.5	1.2	0.9	0.6	0.3	0.0	0.3	0.6	0.9	1.2
7.5°	2.6	2.2	1.8	1.3	0.9	0.4	0.0	0.4	0.9	1.3	1.8
10°	3.4	2.9	2.3	1.7	1.2	0.6	0.0	0.6	1.2	1.7	2.3
12.5°	4.2	3.5	2.8	2.1	1.4	0.7	0.0	0.7	1.4	2.1	2.8
15°	5.1	4.2	3.4	2.6	1.7	0.9	0.0	0.9	1.7	2.6	3.4
17.5°	5.8	4.9	3.9	2.9	2.0	1.0	0.0	1.0	2.0	2.9	3.9
20°	6.5	5.5	4.4	3.3	2.2	1.1	0.0	1.1	2.2	3.3	4.4
22.5°	7.2	6.0	4.8	3.6	2.4	1.2	0.0	1.2	2.4	3.6	4.8
25°	7.8	6.5	5.2	3.9	2.6	1.3	0.0	1.3	2.6	3.9	5.2
27.5°	8.3	6.9	5.5	4.2	2.8	1.4	0.0	1.4	2.8	4.2	5.5
30°	8.9	7.4	5.9	4.5	3.0	1.5	0.0	1.5	3.0	4.5	5.9
32.5°	9.5	7.9	6.3	4.8	3.2	1.6	0.0	1.6	3.2	4.8	6.3
35°	9.9	8.2	6.5	4.9	3.2	1.6	0.0	1.6	3.2	4.9	6.5
37.5°	10.2	8.5	6.8	5.1	3.4	1.7	0.0	1.7	3.4	5.1	6.8
40°	10.6	8.7	7.0	5.2	3.4	1.7	0.0	1.7	3.4	5.2	7.0
42.5°	10.8	9.0	7.2	5.4	3.6	1.8	0.0	1.8	3.6	5.4	7.2
45°	11.3	9.5	7.8	6.0	4.3	2.6	0.8	2.6	4.3	6.0	7.8
47.5°	11.9	10.1	8.2	6.3	4.5	2.6	0.8	2.6	4.5	6.3	8.2
50°	12.3	10.4	8.5	6.5	4.6	2.7	0.8	2.7	4.6	6.5	8.5
52.5°	12.7	10.5	8.5	6.5	4.5	2.7	0.8	2.7	4.5	6.5	8.5
55°	12.5	10.3	8.2	6.3	4.4	2.6	0.8	2.6	4.4	6.3	8.2
57.5°	12.1	10.0	8.1	6.3	4.4	2.6	0.8	2.6	4.4	6.3	8.1
60°	12.2	10.2	8.0	6.1	4.2	2.5	0.8	2.5	4.2	6.1	8.0
62.5°	11.9	9.6	7.6	5.7	4.0	2.3	0.8	2.3	4.0	5.7	7.6
65°	11.3	9.0	6.9	5.2	3.6	2.1	0.8	2.1	3.6	5.2	6.9
67.5°	10.4	8.1	6.1	4.5	3.1	1.9	0.8	1.9	3.1	4.5	6.1
70°	9.5	7.3	5.3	3.6	2.5	1.6	0.8	1.6	2.5	3.6	5.3
72.5°	8.7	6.6	4.6	2.9	2.0	1.4	0.8	1.4	2.0	2.9	4.6
75°	8.5	6.3	4.2	2.6	1.6	1.2	0.8	1.2	1.6	2.6	4.2
77.5°	7.4	5.6	3.4	1.8	0.6	0.1	0.0	0.1	0.6	1.8	3.4
80°	5.7	3.8	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0
82.5°	4.0	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	2.9	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	2.8	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	3.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	2.8	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	2.9	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	4.0	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	5.7	3.8	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0
102.5°	7.4	5.6	3.4	1.8	0.6	0.1	0.0	0.1	0.6	1.8	3.4
105°	8.5	6.3	4.2	2.6	1.6	1.2	0.8	1.2	1.6	2.6	4.2
107.5°	8.7	6.6	4.6	2.9	2.0	1.4	0.8	1.4	2.0	2.9	4.6
110°	9.5	7.3	5.3	3.6	2.5	1.6	0.8	1.6	2.5	3.6	5.3



TEST NUMBER: P231937

CATALOG NUMBER: FVS4WM-2-LD4-35-2STD-PA187-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
112.5°	10.4	8.1	6.1	4.5	3.1	1.9	0.8	1.9	3.1	4.5	6.1
115°	11.3	9.0	6.9	5.2	3.6	2.1	0.8	2.1	3.6	5.2	6.9
117.5°	11.9	9.6	7.6	5.7	4.0	2.3	0.8	2.3	4.0	5.7	7.6
120°	12.2	10.2	8.0	6.1	4.2	2.5	0.8	2.5	4.2	6.1	8.0
122.5°	12.1	10.0	8.1	6.3	4.4	2.6	0.8	2.6	4.4	6.3	8.1
125°	12.5	10.3	8.2	6.3	4.4	2.6	0.8	2.6	4.4	6.3	8.2
127.5°	12.7	10.5	8.5	6.5	4.5	2.7	0.8	2.7	4.5	6.5	8.5
130°	12.3	10.4	8.5	6.5	4.6	2.7	0.8	2.7	4.6	6.5	8.5
132.5°	11.9	10.1	8.2	6.3	4.5	2.6	0.8	2.6	4.5	6.3	8.2
135°	11.3	9.5	7.8	6.0	4.3	2.6	0.8	2.6	4.3	6.0	7.8
137.5°	10.8	9.0	7.2	5.4	3.6	1.8	0.0	1.8	3.6	5.4	7.2
140°	10.6	8.7	7.0	5.2	3.4	1.7	0.0	1.7	3.4	5.2	7.0
142.5°	10.2	8.5	6.8	5.1	3.4	1.7	0.0	1.7	3.4	5.1	6.8
145°	9.9	8.2	6.5	4.9	3.2	1.6	0.0	1.6	3.2	4.9	6.5
147.5°	9.5	7.9	6.3	4.8	3.2	1.6	0.0	1.6	3.2	4.8	6.3
150°	8.9	7.4	5.9	4.5	3.0	1.5	0.0	1.5	3.0	4.5	5.9
152.5°	8.3	6.9	5.5	4.2	2.8	1.4	0.0	1.4	2.8	4.2	5.5
155°	7.8	6.5	5.2	3.9	2.6	1.3	0.0	1.3	2.6	3.9	5.2
157.5°	7.2	6.0	4.8	3.6	2.4	1.2	0.0	1.2	2.4	3.6	4.8
160°	6.5	5.5	4.4	3.3	2.2	1.1	0.0	1.1	2.2	3.3	4.4
162.5°	5.8	4.9	3.9	2.9	2.0	1.0	0.0	1.0	2.0	2.9	3.9
165°	5.1	4.2	3.4	2.6	1.7	0.9	0.0	0.9	1.7	2.6	3.4
167.5°	4.2	3.5	2.8	2.1	1.4	0.7	0.0	0.7	1.4	2.1	2.8
170°	3.4	2.9	2.3	1.7	1.2	0.6	0.0	0.6	1.2	1.7	2.3
172.5°	2.6	2.2	1.8	1.3	0.9	0.4	0.0	0.4	0.9	1.3	1.8
175°	1.8	1.5	1.2	0.9	0.6	0.3	0.0	0.3	0.6	0.9	1.2
177.5°	0.9	0.7	0.6	0.5	0.3	0.2	0.0	0.2	0.3	0.5	0.6
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P231937

CATALOG NUMBER: FVS4WM-2-LD4-35-2STD-PA187-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°	0.7	0.9	1.0	1.2	1.3	1.5	1.6	1.7	1.9	2.0	2.1
5°	1.5	1.8	2.0	2.3	2.6	2.9	3.1	3.4	3.7	3.9	4.2
7.5°	2.2	2.6	3.1	3.5	3.9	4.3	4.7	5.1	5.4	5.8	6.2
10°	2.9	3.4	4.0	4.6	5.1	5.6	6.2	6.7	7.2	7.7	8.2
12.5°	3.5	4.2	4.9	5.6	6.3	6.9	7.6	8.2	8.9	9.5	10.1
15°	4.2	5.1	5.9	6.7	7.5	8.2	9.0	9.7	10.5	11.2	11.9
17.5°	4.9	5.8	6.8	7.7	8.7	9.6	10.5	11.4	12.3	13.1	13.9
20°	5.5	6.5	7.6	8.7	9.7	10.8	11.8	12.8	13.8	14.8	15.8
22.5°	6.0	7.2	8.4	9.6	10.8	11.9	13.1	14.2	15.3	16.4	17.5
25°	6.5	7.8	9.1	10.4	11.7	13.1	14.3	15.6	16.8	18.0	19.2
27.5°	6.9	8.3	9.7	11.0	12.4	13.8	15.2	16.7	18.1	19.6	20.9
30°	7.4	8.9	10.4	11.8	13.3	14.7	16.2	17.6	19.0	20.6	22.2
32.5°	7.9	9.5	11.1	12.6	14.2	15.7	17.3	18.8	20.3	21.8	23.3
35°	8.2	9.9	11.6	13.4	15.0	16.7	18.3	20.0	21.6	23.2	24.8
37.5°	8.5	10.2	11.9	13.6	15.5	17.4	19.3	21.1	22.8	24.5	26.2
40°	8.7	10.6	12.5	14.3	16.1	17.9	19.7	21.8	23.9	25.7	27.5
42.5°	9.0	10.8	12.6	14.5	16.6	18.7	20.6	22.4	24.4	26.6	28.8
45°	9.5	11.3	13.1	15.0	16.9	18.8	21.0	23.3	25.3	27.3	29.6
47.5°	10.1	11.9	13.8	15.7	17.6	19.5	21.5	23.6	26.0	28.3	30.5
50°	10.4	12.3	14.3	16.2	18.2	20.2	22.2	24.3	26.5	29.0	31.5
52.5°	10.5	12.7	14.7	16.8	18.8	20.9	23.0	25.0	27.2	29.6	32.2
55°	10.3	12.5	14.8	17.1	19.3	21.5	23.7	25.9	28.1	30.4	33.0
57.5°	10.0	12.1	14.6	17.1	19.5	21.9	24.4	26.8	29.1	31.4	33.8
60°	10.2	12.2	14.5	17.0	19.7	22.3	24.8	27.4	30.1	32.4	34.8
62.5°	9.6	11.9	14.4	17.0	19.9	22.7	25.4	27.9	30.6	33.1	35.7
65°	9.0	11.3	13.8	16.6	19.7	22.9	26.0	28.1	30.3	33.3	36.2
67.5°	8.1	10.4	13.1	16.0	19.2	22.5	25.2	27.6	30.1	33.1	36.5
70°	7.3	9.5	12.2	15.2	18.2	20.9	23.7	26.7	29.5	32.7	36.5
72.5°	6.6	8.7	11.2	14.0	16.7	19.5	22.4	25.6	28.8	32.3	36.4
75°	6.3	8.5	10.3	12.6	15.4	18.3	21.3	24.5	28.0	31.7	36.3
77.5°	5.6	7.4	9.4	11.8	14.3	17.4	20.5	23.6	27.2	31.3	36.1
80°	3.8	5.7	8.1	11.2	13.7	16.7	19.6	22.7	26.5	31.0	36.2
82.5°	1.8	4.0	6.7	10.1	12.9	15.3	18.2	21.6	25.8	30.7	36.3
85°	0.6	2.9	6.1	9.0	11.8	14.2	16.9	20.6	25.2	30.6	36.7
87.5°	0.2	2.8	6.0	8.7	11.0	13.3	15.9	19.7	24.8	30.7	37.3
90°	0.0	3.2	6.4	8.8	10.4	12.8	15.2	19.2	24.8	31.1	38.3
92.5°	0.2	2.8	6.0	8.7	11.0	13.3	15.9	19.7	24.8	30.7	37.3
95°	0.6	2.9	6.1	9.0	11.8	14.2	16.9	20.6	25.2	30.6	36.7
97.5°	1.8	4.0	6.7	10.1	12.9	15.3	18.2	21.6	25.8	30.7	36.3
100°	3.8	5.7	8.1	11.2	13.7	16.7	19.6	22.7	26.5	31.0	36.2
102.5°	5.6	7.4	9.4	11.8	14.3	17.4	20.5	23.6	27.2	31.3	36.1
105°	6.3	8.5	10.3	12.6	15.4	18.3	21.3	24.5	28.0	31.7	36.3
107.5°	6.6	8.7	11.2	14.0	16.7	19.5	22.4	25.6	28.8	32.3	36.4
110°	7.3	9.5	12.2	15.2	18.2	20.9	23.7	26.7	29.5	32.7	36.5



TEST NUMBER: P231937

CATALOG NUMBER: FVS4WM-2-LD4-35-2STD-PA187-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
112.5°	8.1	10.4	13.1	16.0	19.2	22.5	25.2	27.6	30.1	33.1	36.5
115°	9.0	11.3	13.8	16.6	19.7	22.9	26.0	28.1	30.3	33.3	36.2
117.5°	9.6	11.9	14.4	17.0	19.9	22.7	25.4	27.9	30.6	33.1	35.7
120°	10.2	12.2	14.5	17.0	19.7	22.3	24.8	27.4	30.1	32.4	34.8
122.5°	10.0	12.1	14.6	17.1	19.5	21.9	24.4	26.8	29.1	31.4	33.8
125°	10.3	12.5	14.8	17.1	19.3	21.5	23.7	25.9	28.1	30.4	33.0
127.5°	10.5	12.7	14.7	16.8	18.8	20.9	23.0	25.0	27.2	29.6	32.2
130°	10.4	12.3	14.3	16.2	18.2	20.2	22.2	24.3	26.5	29.0	31.5
132.5°	10.1	11.9	13.8	15.7	17.6	19.5	21.5	23.6	26.0	28.3	30.5
135°	9.5	11.3	13.1	15.0	16.9	18.8	21.0	23.3	25.3	27.3	29.6
137.5°	9.0	10.8	12.6	14.5	16.6	18.7	20.6	22.4	24.4	26.6	28.8
140°	8.7	10.6	12.5	14.3	16.1	17.9	19.7	21.8	23.9	25.7	27.5
142.5°	8.5	10.2	11.9	13.6	15.5	17.4	19.3	21.1	22.8	24.5	26.2
145°	8.2	9.9	11.6	13.4	15.0	16.7	18.3	20.0	21.6	23.2	24.8
147.5°	7.9	9.5	11.1	12.6	14.2	15.7	17.3	18.8	20.3	21.8	23.3
150°	7.4	8.9	10.4	11.8	13.3	14.7	16.2	17.6	19.0	20.6	22.2
152.5°	6.9	8.3	9.7	11.0	12.4	13.8	15.2	16.7	18.1	19.6	20.9
155°	6.5	7.8	9.1	10.4	11.7	13.1	14.3	15.6	16.8	18.0	19.2
157.5°	6.0	7.2	8.4	9.6	10.8	11.9	13.1	14.2	15.3	16.4	17.5
160°	5.5	6.5	7.6	8.7	9.7	10.8	11.8	12.8	13.8	14.8	15.8
162.5°	4.9	5.8	6.8	7.7	8.7	9.6	10.5	11.4	12.3	13.1	13.9
165°	4.2	5.1	5.9	6.7	7.5	8.2	9.0	9.7	10.5	11.2	11.9
167.5°	3.5	4.2	4.9	5.6	6.3	6.9	7.6	8.2	8.9	9.5	10.1
170°	2.9	3.4	4.0	4.6	5.1	5.6	6.2	6.7	7.2	7.7	8.2
172.5°	2.2	2.6	3.1	3.5	3.9	4.3	4.7	5.1	5.4	5.8	6.2
175°	1.5	1.8	2.0	2.3	2.6	2.9	3.1	3.4	3.7	3.9	4.2
177.5°	0.7	0.9	1.0	1.2	1.3	1.5	1.6	1.7	1.9	2.0	2.1
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: P231937

CATALOG NUMBER: FVS4WM-2-LD4-35-2STD-PA187-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°	2.2	2.4	2.5	2.6	2.7	2.8	2.9	2.9	3.0	3.1	3.2
5°	4.4	4.6	4.8	5.1	5.3	5.5	5.6	5.8	6.0	6.1	6.3
7.5°	6.5	6.8	7.2	7.5	7.8	8.1	8.4	8.6	8.9	9.1	9.3
10°	8.7	9.1	9.6	10.0	10.4	10.7	11.1	11.4	11.7	12.0	12.3
12.5°	10.7	11.3	11.8	12.4	12.9	13.4	13.9	14.3	14.6	15.0	15.3
15°	12.6	13.3	14.0	14.7	15.3	15.9	16.5	17.1	17.6	18.0	18.4
17.5°	14.6	15.3	16.1	16.8	17.6	18.3	19.0	19.7	20.3	20.9	21.5
20°	16.8	17.6	18.4	19.2	19.9	20.7	21.5	22.2	23.0	23.7	24.4
22.5°	18.6	19.6	20.7	21.7	22.5	23.2	23.9	24.7	25.6	26.4	27.2
25°	20.4	21.5	22.7	23.8	24.9	25.9	26.7	27.4	28.1	29.1	30.7
27.5°	22.1	23.4	24.6	25.8	27.0	28.2	29.9	31.6	33.4	35.3	37.5
30°	23.9	25.2	26.6	28.0	29.8	31.7	33.8	36.0	38.4	40.9	43.6
32.5°	25.0	26.8	28.7	30.4	32.2	34.4	36.8	39.5	42.4	45.6	48.9
35°	26.4	28.0	30.1	32.3	34.4	36.5	39.1	42.1	45.6	49.3	53.4
37.5°	27.9	29.6	31.3	33.5	36.0	38.4	41.0	44.3	48.0	52.3	57.0
40°	29.2	31.1	32.9	34.8	37.1	39.9	42.9	45.9	50.1	54.7	60.1
42.5°	30.6	32.5	34.5	36.5	38.5	41.1	44.3	47.7	51.6	56.8	62.7
45°	31.9	34.0	35.9	38.0	40.2	42.5	45.6	49.2	53.2	58.4	64.7
47.5°	32.8	35.3	37.5	39.5	41.8	44.2	46.7	50.6	54.9	59.6	66.6
50°	33.9	36.4	39.0	41.2	43.4	45.9	48.5	51.9	56.8	62.1	68.7
52.5°	34.9	37.5	40.2	42.9	45.0	48.7	52.4	55.5	60.1	65.2	71.0
55°	35.8	38.6	41.5	45.4	49.5	53.7	57.3	60.3	63.7	68.5	73.9
57.5°	36.7	40.2	44.1	48.4	53.2	58.2	62.5	65.5	67.6	72.2	77.5
60°	38.0	41.8	46.1	50.9	56.3	62.1	68.0	71.1	72.8	76.3	81.2
62.5°	38.9	43.0	47.7	53.0	59.0	65.5	72.5	76.6	78.4	80.5	85.1
65°	39.6	43.8	49.0	54.8	61.3	68.5	76.3	82.4	84.4	85.0	89.1
67.5°	40.1	44.6	50.1	56.3	63.4	71.2	79.8	88.4	90.7	90.2	93.6
70°	40.5	45.2	51.0	57.7	65.3	73.7	83.0	93.4	96.6	95.7	97.2
72.5°	40.8	45.5	51.7	58.9	67.0	75.8	84.6	93.3	96.8	96.2	97.2
75°	41.0	46.1	52.7	60.0	68.0	76.8	85.0	92.2	96.3	96.4	97.3
77.5°	41.5	47.2	53.9	61.4	69.3	78.1	86.2	91.9	95.8	96.4	97.3
80°	42.0	48.3	55.3	63.0	70.8	79.6	88.0	92.3	95.3	96.3	97.4
82.5°	42.5	49.5	56.8	65.0	72.6	81.4	90.3	93.2	94.8	96.0	97.5
85°	43.2	50.8	58.6	67.3	74.7	83.5	93.0	94.4	94.3	95.7	97.6
87.5°	44.2	52.4	60.7	69.8	77.2	85.9	96.0	95.9	93.8	95.3	97.9
90°	45.5	54.3	63.1	72.7	79.9	88.6	99.0	97.4	93.4	95.0	98.2
92.5°	44.2	52.4	60.7	69.8	77.2	85.9	96.0	95.9	93.8	95.3	97.9
95°	43.2	50.8	58.6	67.3	74.7	83.5	93.0	94.4	94.3	95.7	97.6
97.5°	42.5	49.5	56.8	65.0	72.6	81.4	90.3	93.2	94.8	96.0	97.5
100°	42.0	48.3	55.3	63.0	70.8	79.6	88.0	92.3	95.3	96.3	97.4
102.5°	41.5	47.2	53.9	61.4	69.3	78.1	86.2	91.9	95.8	96.4	97.3
105°	41.0	46.1	52.7	60.0	68.0	76.8	85.0	92.2	96.3	96.4	97.3
107.5°	40.8	45.5	51.7	58.9	67.0	75.8	84.6	93.3	96.8	96.2	97.2
110°	40.5	45.2	51.0	57.7	65.3	73.7	83.0	93.4	96.6	95.7	97.2



TEST NUMBER: P231937

CATALOG NUMBER: FVS4WM-2-LD4-35-2STD-PA187-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
112.5°	40.1	44.6	50.1	56.3	63.4	71.2	79.8	88.4	90.7	90.2	93.6
115°	39.6	43.8	49.0	54.8	61.3	68.5	76.3	82.4	84.4	85.0	89.1
117.5°	38.9	43.0	47.7	53.0	59.0	65.5	72.5	76.6	78.4	80.5	85.1
120°	38.0	41.8	46.1	50.9	56.3	62.1	68.0	71.1	72.8	76.3	81.2
122.5°	36.7	40.2	44.1	48.4	53.2	58.2	62.5	65.5	67.6	72.2	77.5
125°	35.8	38.6	41.5	45.4	49.5	53.7	57.3	60.3	63.7	68.5	73.9
127.5°	34.9	37.5	40.2	42.9	45.0	48.7	52.4	55.5	60.1	65.2	71.0
130°	33.9	36.4	39.0	41.2	43.4	45.9	48.5	51.9	56.8	62.1	68.7
132.5°	32.8	35.3	37.5	39.5	41.8	44.2	46.7	50.6	54.9	59.6	66.6
135°	31.9	34.0	35.9	38.0	40.2	42.5	45.6	49.2	53.2	58.4	64.7
137.5°	30.6	32.5	34.5	36.5	38.5	41.1	44.3	47.7	51.6	56.8	62.7
140°	29.2	31.1	32.9	34.8	37.1	39.9	42.9	45.9	50.1	54.7	60.1
142.5°	27.9	29.6	31.3	33.5	36.0	38.4	41.0	44.3	48.0	52.3	57.0
145°	26.4	28.0	30.1	32.3	34.4	36.5	39.1	42.1	45.6	49.3	53.4
147.5°	25.0	26.8	28.7	30.4	32.2	34.4	36.8	39.5	42.4	45.6	48.9
150°	23.9	25.2	26.6	28.0	29.8	31.7	33.8	36.0	38.4	40.9	43.6
152.5°	22.1	23.4	24.6	25.8	27.0	28.2	29.9	31.6	33.4	35.3	37.5
155°	20.4	21.5	22.7	23.8	24.9	25.9	26.7	27.4	28.1	29.1	30.7
157.5°	18.6	19.6	20.7	21.7	22.5	23.2	23.9	24.7	25.6	26.4	27.2
160°	16.8	17.6	18.4	19.2	19.9	20.7	21.5	22.2	23.0	23.7	24.4
162.5°	14.6	15.3	16.1	16.8	17.6	18.3	19.0	19.7	20.3	20.9	21.5
165°	12.6	13.3	14.0	14.7	15.3	15.9	16.5	17.1	17.6	18.0	18.4
167.5°	10.7	11.3	11.8	12.4	12.9	13.4	13.9	14.3	14.6	15.0	15.3
170°	8.7	9.1	9.6	10.0	10.4	10.7	11.1	11.4	11.7	12.0	12.3
172.5°	6.5	6.8	7.2	7.5	7.8	8.1	8.4	8.6	8.9	9.1	9.3
175°	4.4	4.6	4.8	5.1	5.3	5.5	5.6	5.8	6.0	6.1	6.3
177.5°	2.2	2.4	2.5	2.6	2.7	2.8	2.9	2.9	3.0	3.1	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: P231937

CATALOG NUMBER: FVS4WM-2-LD4-35-2STD-PA187-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°	3.2	3.3	3.4	3.4	3.4	3.5	3.5	3.5	3.5	3.5	4.0
5°	6.4	6.5	6.7	6.8	6.8	6.9	7.0	7.0	7.1	7.1	8.0
7.5°	9.5	9.7	9.9	10.1	10.2	10.3	10.4	10.5	10.6	10.6	11.9
10°	12.6	12.9	13.1	13.4	13.5	13.7	13.9	14.0	14.1	14.2	15.9
12.5°	15.6	16.0	16.3	16.6	16.8	17.1	17.3	17.5	17.6	17.7	19.9
15°	18.7	19.0	19.4	19.8	20.1	20.4	20.7	20.9	21.1	21.3	23.8
17.5°	21.9	22.2	22.5	22.9	23.3	23.7	24.1	24.4	24.6	24.8	27.7
20°	25.0	25.4	25.8	26.1	26.6	27.0	27.4	27.8	28.1	28.4	31.6
22.5°	27.9	28.6	29.0	29.4	29.7	30.3	30.7	31.2	31.6	31.9	35.5
25°	32.4	34.0	35.6	36.9	38.1	39.5	40.8	42.0	43.0	43.8	48.0
27.5°	39.6	41.7	43.8	45.7	47.4	49.2	51.1	52.9	54.4	55.7	60.6
30°	46.3	49.0	51.5	54.0	56.4	58.7	61.3	63.7	65.7	67.6	73.2
32.5°	52.4	55.7	58.9	61.9	64.9	67.9	71.1	74.3	77.0	79.5	85.8
35°	57.8	61.9	65.9	69.5	73.2	76.9	80.8	84.8	88.3	91.3	98.5
37.5°	62.3	67.6	72.4	76.9	81.2	85.6	90.3	95.2	99.4	103.2	111.2
40°	66.1	72.7	78.5	83.9	88.8	94.1	99.6	105.4	110.5	115.1	124.0
42.5°	69.2	76.9	84.2	90.9	96.4	102.3	108.9	115.5	121.6	127.0	136.7
45°	72.1	80.5	89.6	97.0	103.7	110.3	117.7	125.4	132.6	138.9	149.5
47.5°	74.5	83.0	92.4	100.1	107.0	113.5	121.2	129.7	138.3	146.4	158.3
50°	76.2	84.2	93.2	101.3	108.7	115.7	124.0	133.6	143.9	154.0	167.2
52.5°	78.5	86.2	94.5	102.7	110.4	117.9	126.8	137.4	149.3	161.5	176.0
55°	81.1	88.6	96.3	104.2	112.1	120.2	129.6	141.0	154.6	169.1	184.9
57.5°	84.0	91.4	98.5	105.8	113.8	122.3	132.3	144.6	159.9	176.6	193.9
60°	87.2	94.6	101.4	107.9	115.7	124.5	134.9	148.1	165.0	184.2	202.8
62.5°	90.5	98.0	104.3	110.2	117.6	126.7	137.6	151.6	170.1	191.7	211.7
65°	94.4	101.5	107.6	112.9	119.7	128.9	140.3	155.0	175.2	199.3	220.7
67.5°	98.5	105.2	111.2	115.9	121.8	131.1	142.9	158.3	180.2	206.8	229.6
70°	101.1	106.6	112.0	116.1	121.1	129.9	141.5	157.1	179.0	205.7	230.1
72.5°	101.0	105.8	111.1	115.1	119.8	128.3	139.9	155.8	177.8	204.7	230.5
75°	101.0	105.3	110.3	114.3	118.6	126.8	138.3	154.6	176.7	203.6	231.9
77.5°	101.2	105.0	109.6	113.5	117.5	125.4	136.7	153.5	175.6	202.5	232.0
80°	101.6	104.8	108.9	112.7	116.5	124.1	135.3	152.5	174.5	201.5	232.0
82.5°	102.0	104.8	108.4	112.0	115.6	122.9	133.9	151.6	173.5	200.4	232.1
85°	102.5	104.9	107.8	111.4	114.8	121.8	132.5	150.7	172.6	199.3	232.2
87.5°	103.1	105.1	107.4	110.8	114.1	120.7	131.3	150.0	171.7	198.3	232.3
90°	103.8	105.4	107.0	110.2	113.4	119.8	130.2	149.3	170.9	197.2	232.4
92.5°	103.1	105.1	107.4	110.8	114.1	120.7	131.3	150.0	171.7	198.3	232.3
95°	102.5	104.9	107.8	111.4	114.8	121.8	132.5	150.7	172.6	199.3	232.2
97.5°	102.0	104.8	108.4	112.0	115.6	122.9	133.9	151.6	173.5	200.4	232.1
100°	101.6	104.8	108.9	112.7	116.5	124.1	135.3	152.5	174.5	201.5	232.0
102.5°	101.2	105.0	109.6	113.5	117.5	125.4	136.7	153.5	175.6	202.5	232.0
105°	101.0	105.3	110.3	114.3	118.6	126.8	138.3	154.6	176.7	203.6	231.9
107.5°	101.0	105.8	111.1	115.1	119.8	128.3	139.9	155.8	177.8	204.7	230.5
110°	101.1	106.6	112.0	116.1	121.1	129.9	141.5	157.1	179.0	205.7	230.1





TEST NUMBER: P231937

CATALOG NUMBER: FVS4WM-2-LD4-35-2STD-PA187-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
112.5°	98.5	105.2	111.2	115.9	121.8	131.1	142.9	158.3	180.2	206.8	229.6
115°	94.4	101.5	107.6	112.9	119.7	128.9	140.3	155.0	175.2	199.3	220.7
117.5°	90.5	98.0	104.3	110.2	117.6	126.7	137.6	151.6	170.1	191.7	211.7
120°	87.2	94.6	101.4	107.9	115.7	124.5	134.9	148.1	165.0	184.2	202.8
122.5°	84.0	91.4	98.5	105.8	113.8	122.3	132.3	144.6	159.9	176.6	193.9
125°	81.1	88.6	96.3	104.2	112.1	120.2	129.6	141.0	154.6	169.1	184.9
127.5°	78.5	86.2	94.5	102.7	110.4	117.9	126.8	137.4	149.3	161.5	176.0
130°	76.2	84.2	93.2	101.3	108.7	115.7	124.0	133.6	143.9	154.0	167.2
132.5°	74.5	83.0	92.4	100.1	107.0	113.5	121.2	129.7	138.3	146.4	158.3
135°	72.1	80.5	89.6	97.0	103.7	110.3	117.7	125.4	132.6	138.9	149.5
137.5°	69.2	76.9	84.2	90.9	96.4	102.3	108.9	115.5	121.6	127.0	136.7
140°	66.1	72.7	78.5	83.9	88.8	94.1	99.6	105.4	110.5	115.1	124.0
142.5°	62.3	67.6	72.4	76.9	81.2	85.6	90.3	95.2	99.4	103.2	111.2
145°	57.8	61.9	65.9	69.5	73.2	76.9	80.8	84.8	88.3	91.3	98.5
147.5°	52.4	55.7	58.9	61.9	64.9	67.9	71.1	74.3	77.0	79.5	85.8
150°	46.3	49.0	51.5	54.0	56.4	58.7	61.3	63.7	65.7	67.6	73.2
152.5°	39.6	41.7	43.8	45.7	47.4	49.2	51.1	52.9	54.4	55.7	60.6
155°	32.4	34.0	35.6	36.9	38.1	39.5	40.8	42.0	43.0	43.8	48.0
157.5°	27.9	28.6	29.0	29.4	29.7	30.3	30.7	31.2	31.6	31.9	35.5
160°	25.0	25.4	25.8	26.1	26.6	27.0	27.4	27.8	28.1	28.4	31.6
162.5°	21.9	22.2	22.5	22.9	23.3	23.7	24.1	24.4	24.6	24.8	27.7
165°	18.7	19.0	19.4	19.8	20.1	20.4	20.7	20.9	21.1	21.3	23.8
167.5°	15.6	16.0	16.3	16.6	16.8	17.1	17.3	17.5	17.6	17.7	19.9
170°	12.6	12.9	13.1	13.4	13.5	13.7	13.9	14.0	14.1	14.2	15.9
172.5°	9.5	9.7	9.9	10.1	10.2	10.3	10.4	10.5	10.6	10.6	11.9
175°	6.4	6.5	6.7	6.8	6.8	6.9	7.0	7.0	7.1	7.1	8.0
177.5°	3.2	3.3	3.4	3.4	3.4	3.5	3.5	3.5	3.5	3.5	4.0
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: P231937

CATALOG NUMBER: FVS4WM-2-LD4-35-2STD-PA187-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°	4.4	4.9	5.3	5.7	6.1	6.5	6.9	7.2	7.6	7.9	8.2
5°	8.8	9.7	10.5	11.3	12.1	12.9	13.7	14.4	15.1	15.7	16.4
7.5°	13.2	14.5	15.7	16.9	18.1	19.3	20.5	22.0	23.4	24.8	26.1
10°	17.6	19.3	20.9	22.5	24.2	26.3	28.3	30.3	32.2	34.1	36.0
12.5°	22.0	24.0	26.0	28.3	31.0	33.6	36.2	38.6	41.0	43.1	45.2
15°	26.3	28.7	31.2	34.5	37.8	40.9	43.9	46.6	49.2	51.8	54.6
17.5°	30.6	33.4	36.9	40.7	44.5	48.0	51.2	54.2	57.2	60.2	63.2
20°	34.9	38.1	42.6	46.9	51.1	54.7	58.1	61.5	65.1	68.5	71.8
22.5°	39.1	43.2	48.2	53.1	57.2	61.1	64.9	68.8	72.7	76.5	80.0
25°	52.0	56.7	61.8	66.3	69.8	73.0	76.0	78.9	81.5	83.8	87.6
27.5°	65.2	70.9	76.6	81.1	85.0	88.4	91.5	94.3	96.6	98.8	100.4
30°	78.6	85.1	91.5	96.0	100.5	103.4	106.4	108.9	111.2	112.8	114.1
32.5°	92.1	99.3	105.8	110.8	114.9	117.9	120.6	122.9	124.7	126.1	128.1
35°	105.7	113.6	120.2	125.6	129.1	132.1	134.3	136.3	137.6	139.2	141.9
37.5°	119.3	127.9	134.6	140.3	143.0	145.4	147.5	148.9	150.1	152.3	155.1
40°	132.9	142.2	149.0	154.1	156.4	158.5	160.2	161.0	162.4	164.4	168.7
42.5°	146.6	156.4	163.4	167.6	169.5	171.2	172.2	172.7	174.1	177.0	181.6
45°	160.2	170.3	177.7	180.8	182.3	183.5	183.8	184.2	185.1	189.3	194.8
47.5°	170.2	181.4	190.9	195.0	197.8	199.3	198.7	196.7	196.8	201.3	207.7
50°	180.2	192.7	203.9	210.5	216.3	221.0	224.0	226.0	228.7	230.4	230.6
52.5°	190.2	204.2	217.3	226.9	236.2	244.6	251.9	258.4	266.6	271.2	271.3
55°	200.2	216.1	231.4	244.4	257.3	269.9	282.0	294.5	307.0	313.5	309.3
57.5°	210.2	228.2	246.2	262.8	279.5	296.9	314.2	333.1	348.3	353.6	344.8
60°	220.2	240.5	261.4	282.0	303.2	325.4	348.2	373.8	390.6	390.0	377.7
62.5°	230.2	253.0	277.2	301.8	327.9	355.7	384.3	416.5	433.9	424.4	408.1
65°	240.2	265.6	293.3	322.3	353.5	387.0	422.5	458.7	477.6	457.2	436.3
67.5°	250.2	278.4	309.8	343.2	379.8	419.4	462.0	500.3	512.9	488.2	462.6
70°	253.3	282.4	314.9	350.8	391.3	435.6	484.9	527.7	538.8	515.8	488.8
72.5°	256.1	285.4	318.1	355.0	396.4	441.0	490.0	530.6	538.1	520.6	500.1
75°	259.1	288.3	321.0	358.8	400.9	445.7	493.7	533.3	539.7	528.0	510.2
77.5°	262.0	290.9	323.5	362.3	404.9	449.6	496.2	535.8	543.1	537.6	520.7
80°	265.9	293.3	325.8	365.5	408.3	452.7	497.5	537.9	547.9	548.9	531.8
82.5°	268.3	296.2	329.0	368.3	411.2	455.1	497.8	539.5	553.7	561.5	543.4
85°	270.7	297.8	330.0	371.6	414.6	458.0	498.4	542.1	560.2	574.8	555.5
87.5°	273.1	299.4	331.1	373.0	415.7	458.2	495.9	541.4	567.1	588.8	567.9
90°	275.5	301.0	332.2	374.5	416.8	458.4	493.5	540.6	573.3	602.1	581.3
92.5°	273.1	299.4	331.1	373.0	415.7	458.2	495.9	541.4	567.1	588.8	567.9
95°	270.7	297.8	330.0	371.6	414.6	458.0	498.4	542.1	560.2	574.8	555.5
97.5°	268.3	296.2	329.0	368.3	411.2	455.1	497.8	539.5	553.7	561.5	543.4
100°	265.9	293.3	325.8	365.5	408.3	452.7	497.5	537.9	547.9	548.9	531.8
102.5°	262.0	290.9	323.5	362.3	404.9	449.6	496.2	535.8	543.1	537.6	520.7
105°	259.1	288.3	321.0	358.8	400.9	445.7	493.7	533.3	539.7	528.0	510.2
107.5°	256.1	285.4	318.1	355.0	396.4	441.0	490.0	530.6	538.1	520.6	500.1
110°	253.3	282.4	314.9	350.8	391.3	435.6	484.9	527.7	538.8	515.8	488.8



TEST NUMBER: P231937

CATALOG NUMBER: FVS4WM-2-LD4-35-2STD-PA187-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
112.5°	250.2	278.4	309.8	343.2	379.8	419.4	462.0	500.3	512.9	488.2	462.6
115°	240.2	265.6	293.3	322.3	353.5	387.0	422.5	458.7	477.6	457.2	436.3
117.5°	230.2	253.0	277.2	301.8	327.9	355.7	384.3	416.5	433.9	424.4	408.1
120°	220.2	240.5	261.4	282.0	303.2	325.4	348.2	373.8	390.6	390.0	377.7
122.5°	210.2	228.2	246.2	262.8	279.5	296.9	314.2	333.1	348.3	353.6	344.8
125°	200.2	216.1	231.4	244.4	257.3	269.9	282.0	294.5	307.0	313.5	309.3
127.5°	190.2	204.2	217.3	226.9	236.2	244.6	251.9	258.4	266.6	271.2	271.3
130°	180.2	192.7	203.9	210.5	216.3	221.0	224.0	226.0	228.7	230.4	230.6
132.5°	170.2	181.4	190.9	195.0	197.8	199.3	198.7	196.7	196.8	201.3	207.7
135°	160.2	170.3	177.7	180.8	182.3	183.5	183.8	184.2	185.1	189.3	194.8
137.5°	146.6	156.4	163.4	167.6	169.5	171.2	172.2	172.7	174.1	177.0	181.6
140°	132.9	142.2	149.0	154.1	156.4	158.5	160.2	161.0	162.4	164.4	168.7
142.5°	119.3	127.9	134.6	140.3	143.0	145.4	147.5	148.9	150.1	152.3	155.1
145°	105.7	113.6	120.2	125.6	129.1	132.1	134.3	136.3	137.6	139.2	141.9
147.5°	92.1	99.3	105.8	110.8	114.9	117.9	120.6	122.9	124.7	126.1	128.1
150°	78.6	85.1	91.5	96.0	100.5	103.4	106.4	108.9	111.2	112.8	114.1
152.5°	65.2	70.9	76.6	81.1	85.0	88.4	91.5	94.3	96.6	98.8	100.4
155°	52.0	56.7	61.8	66.3	69.8	73.0	76.0	78.9	81.5	83.8	87.6
157.5°	39.1	43.2	48.2	53.1	57.2	61.1	64.9	68.8	72.7	76.5	80.0
160°	34.9	38.1	42.6	46.9	51.1	54.7	58.1	61.5	65.1	68.5	71.8
162.5°	30.6	33.4	36.9	40.7	44.5	48.0	51.2	54.2	57.2	60.2	63.2
165°	26.3	28.7	31.2	34.5	37.8	40.9	43.9	46.6	49.2	51.8	54.6
167.5°	22.0	24.0	26.0	28.3	31.0	33.6	36.2	38.6	41.0	43.1	45.2
170°	17.6	19.3	20.9	22.5	24.2	26.3	28.3	30.3	32.2	34.1	36.0
172.5°	13.2	14.5	15.7	16.9	18.1	19.3	20.5	22.0	23.4	24.8	26.1
175°	8.8	9.7	10.5	11.3	12.1	12.9	13.7	14.4	15.1	15.7	16.4
177.5°	4.4	4.9	5.3	5.7	6.1	6.5	6.9	7.2	7.6	7.9	8.2
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P231937

CATALOG NUMBER: FVS4WM-2-LD4-35-2STD-PA187-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°	8.5	8.8	9.1	9.4	9.6	9.8	10.0	10.2	10.4	10.5	10.6
5°	17.2	18.1	18.8	19.6	20.3	20.9	21.5	22.1	22.6	23.0	23.5
7.5°	27.4	28.7	29.8	30.9	32.0	33.0	33.9	34.7	35.5	36.2	36.8
10°	37.5	39.1	40.6	42.1	43.5	44.8	46.0	47.1	48.2	49.2	50.1
12.5°	47.3	49.2	51.1	53.0	54.7	56.4	58.0	59.5	60.8	62.2	63.6
15°	56.7	59.1	61.4	63.7	65.8	68.0	70.1	72.0	73.9	75.7	77.4
17.5°	66.0	69.2	71.6	74.3	76.9	79.4	81.9	84.4	86.9	89.3	91.6
20°	75.1	78.2	81.3	84.3	87.3	90.2	93.2	96.1	98.9	101.6	104.0
22.5°	83.5	86.9	90.1	93.3	96.6	100.3	103.9	107.3	110.3	112.5	114.3
25°	91.0	94.3	98.1	102.1	106.6	110.8	114.6	118.0	120.8	123.4	126.1
27.5°	101.7	103.5	106.6	111.7	117.0	121.9	126.8	130.6	134.6	138.0	140.9
30°	116.3	119.3	122.5	126.5	130.3	135.2	140.9	146.0	150.6	154.5	158.1
32.5°	131.1	134.6	138.9	143.3	148.4	153.3	158.3	163.3	168.1	171.7	175.0
35°	145.4	149.9	154.8	160.5	166.1	171.9	177.4	181.4	184.9	189.4	195.2
37.5°	159.8	164.9	171.0	177.3	183.8	189.7	194.7	199.5	205.0	210.9	216.6
40°	173.6	180.1	186.8	194.0	200.7	206.6	212.8	219.1	226.2	233.6	241.6
42.5°	187.9	194.8	202.7	210.2	217.2	224.3	231.3	239.8	249.0	259.0	269.9
45°	201.6	209.8	218.1	226.2	234.0	241.6	251.0	260.9	273.0	286.1	301.9
47.5°	215.5	224.2	233.5	242.1	250.2	260.1	270.8	283.7	298.7	315.4	338.1
50°	230.7	239.0	248.8	257.2	267.1	278.1	291.5	307.1	325.4	350.4	377.7
52.5°	269.2	269.3	269.9	272.5	284.0	296.8	312.2	330.5	356.8	386.5	419.9
55°	304.8	302.0	300.7	302.3	307.4	315.8	331.8	357.9	388.6	423.9	465.7
57.5°	337.2	331.7	329.0	329.7	334.2	344.3	361.3	385.5	421.2	464.3	511.9
60°	366.7	358.8	355.0	354.9	360.1	371.6	393.2	423.0	459.7	503.4	559.7
62.5°	394.3	384.4	378.6	377.0	384.4	400.4	425.1	457.9	500.0	551.2	607.6
65°	420.0	408.2	400.7	399.4	407.8	425.8	454.8	493.1	540.5	595.9	657.8
67.5°	444.0	430.1	420.4	420.9	431.5	452.0	483.0	524.0	577.3	638.8	707.7
70°	467.2	450.5	438.1	440.7	452.4	475.7	510.0	555.7	612.3	678.0	755.8
72.5°	481.1	465.9	456.5	460.1	471.4	497.5	533.0	582.8	643.8	716.0	795.9
75°	491.5	477.4	472.8	478.7	492.2	518.3	555.9	606.7	670.4	748.6	827.5
77.5°	502.1	489.7	489.3	496.3	511.4	539.6	580.0	632.1	697.7	774.5	848.9
80°	513.2	502.8	506.1	513.0	528.9	559.0	600.5	652.2	719.8	795.9	873.0
82.5°	524.5	516.5	522.9	528.9	544.8	576.5	617.7	667.5	736.1	812.8	891.1
85°	536.3	530.6	539.6	544.3	559.5	592.3	632.0	678.5	747.2	825.1	903.2
87.5°	548.3	545.1	556.4	559.4	573.5	607.1	644.5	687.1	755.4	835.1	912.1
90°	561.4	559.8	572.5	574.1	586.1	618.9	653.2	690.7	755.4	835.3	910.3
92.5°	548.3	545.1	556.4	559.4	573.5	607.1	644.5	687.1	755.4	835.1	912.1
95°	536.3	530.6	539.6	544.3	559.5	592.3	632.0	678.5	747.2	825.1	903.2
97.5°	524.5	516.5	522.9	528.9	544.8	576.5	617.7	667.5	736.1	812.8	891.1
100°	513.2	502.8	506.1	513.0	528.9	559.0	600.5	652.2	719.8	795.9	873.0
102.5°	502.1	489.7	489.3	496.3	511.4	539.6	580.0	632.1	697.7	774.5	848.9
105°	491.5	477.4	472.8	478.7	492.2	518.3	555.9	606.7	670.4	748.6	827.5
107.5°	481.1	465.9	456.5	460.1	471.4	497.5	533.0	582.8	643.8	716.0	795.9
110°	467.2	450.5	438.1	440.7	452.4	475.7	510.0	555.7	612.3	678.0	755.8



TEST NUMBER: P231937

CATALOG NUMBER: FVS4WM-2-LD4-35-2STD-PA187-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
112.5°	444.0	430.1	420.4	420.9	431.5	452.0	483.0	524.0	577.3	638.8	707.7
115°	420.0	408.2	400.7	399.4	407.8	425.8	454.8	493.1	540.5	595.9	657.8
117.5°	394.3	384.4	378.6	377.0	384.4	400.4	425.1	457.9	500.0	551.2	607.6
120°	366.7	358.8	355.0	354.9	360.1	371.6	393.2	423.0	459.7	503.4	559.7
122.5°	337.2	331.7	329.0	329.7	334.2	344.3	361.3	385.5	421.2	464.3	511.9
125°	304.8	302.0	300.7	302.3	307.4	315.8	331.8	357.9	388.6	423.9	465.7
127.5°	269.2	269.3	269.9	272.5	284.0	296.8	312.2	330.5	356.8	386.5	419.9
130°	230.7	239.0	248.8	257.2	267.1	278.1	291.5	307.1	325.4	350.4	377.7
132.5°	215.5	224.2	233.5	242.1	250.2	260.1	270.8	283.7	298.7	315.4	338.1
135°	201.6	209.8	218.1	226.2	234.0	241.6	251.0	260.9	273.0	286.1	301.9
137.5°	187.9	194.8	202.7	210.2	217.2	224.3	231.3	239.8	249.0	259.0	269.9
140°	173.6	180.1	186.8	194.0	200.7	206.6	212.8	219.1	226.2	233.6	241.6
142.5°	159.8	164.9	171.0	177.3	183.8	189.7	194.7	199.5	205.0	210.9	216.6
145°	145.4	149.9	154.8	160.5	166.1	171.9	177.4	181.4	184.9	189.4	195.2
147.5°	131.1	134.6	138.9	143.3	148.4	153.3	158.3	163.3	168.1	171.7	175.0
150°	116.3	119.3	122.5	126.5	130.3	135.2	140.9	146.0	150.6	154.5	158.1
152.5°	101.7	103.5	106.6	111.7	117.0	121.9	126.8	130.6	134.6	138.0	140.9
155°	91.0	94.3	98.1	102.1	106.6	110.8	114.6	118.0	120.8	123.4	126.1
157.5°	83.5	86.9	90.1	93.3	96.6	100.3	103.9	107.3	110.3	112.5	114.3
160°	75.1	78.2	81.3	84.3	87.3	90.2	93.2	96.1	98.9	101.6	104.0
162.5°	66.0	69.2	71.6	74.3	76.9	79.4	81.9	84.4	86.9	89.3	91.6
165°	56.7	59.1	61.4	63.7	65.8	68.0	70.1	72.0	73.9	75.7	77.4
167.5°	47.3	49.2	51.1	53.0	54.7	56.4	58.0	59.5	60.8	62.2	63.6
170°	37.5	39.1	40.6	42.1	43.5	44.8	46.0	47.1	48.2	49.2	50.1
172.5°	27.4	28.7	29.8	30.9	32.0	33.0	33.9	34.7	35.5	36.2	36.8
175°	17.2	18.1	18.8	19.6	20.3	20.9	21.5	22.1	22.6	23.0	23.5
177.5°	8.5	8.8	9.1	9.4	9.6	9.8	10.0	10.2	10.4	10.5	10.6
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P231937

CATALOG NUMBER: FVS4WM-2-LD4-35-2STD-PA187-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°	10.7	10.8	10.9	10.9	11.0	11.0	11.3	11.1	11.0	10.9	10.7
5°	23.8	24.1	24.4	24.6	24.7	24.8	24.9	24.9	25.2	24.9	24.6
7.5°	37.4	37.9	38.3	38.7	39.0	39.2	39.3	39.3	39.3	39.5	39.1
10°	50.9	51.7	52.3	52.8	53.2	53.5	53.7	53.8	53.8	54.2	53.7
12.5°	64.8	65.9	66.9	67.8	68.5	69.2	69.6	70.0	70.2	70.3	70.5
15°	79.2	80.9	82.4	83.9	85.2	86.3	87.3	88.1	88.8	89.3	90.0
17.5°	93.8	95.5	97.2	98.6	99.8	100.9	101.8	102.5	102.9	103.2	103.7
20°	106.3	108.0	108.8	109.4	109.7	109.8	109.7	109.3	108.8	108.1	107.4
22.5°	115.7	116.7	117.8	118.7	119.2	119.4	119.2	118.7	118.0	116.9	116.0
25°	128.2	129.8	130.9	131.8	132.2	132.1	131.6	130.7	129.5	127.9	125.9
27.5°	143.3	145.1	146.3	147.2	148.1	148.5	148.6	148.3	147.6	146.5	144.9
30°	160.3	162.5	164.4	165.9	168.9	171.6	173.7	175.4	176.5	177.0	176.8
32.5°	178.5	183.3	187.8	192.0	196.4	200.6	204.3	207.3	209.7	211.2	212.0
35°	200.8	207.3	213.7	219.9	226.0	233.3	240.0	245.8	250.8	254.8	257.7
37.5°	224.5	232.8	242.8	252.6	262.0	272.7	282.8	291.9	299.7	306.2	311.2
40°	251.1	262.3	276.2	290.5	304.2	318.7	333.6	346.9	358.3	367.8	375.3
42.5°	283.2	297.3	314.6	335.7	355.6	374.4	393.3	410.2	424.9	437.2	447.0
45°	319.1	341.2	362.6	387.8	412.5	438.2	460.4	483.0	502.7	519.3	532.4
47.5°	362.6	389.5	416.6	445.3	478.2	508.9	539.7	569.4	595.5	617.6	635.5
50°	408.7	440.8	477.5	513.3	553.5	593.1	631.3	668.6	700.2	726.0	746.0
52.5°	458.2	498.7	543.9	589.6	639.8	690.8	736.5	782.3	821.6	853.9	879.0
55°	510.3	561.3	614.7	674.0	735.1	800.8	858.7	898.9	933.1	964.0	990.4
57.5°	566.1	625.6	689.2	760.6	837.7	892.2	941.4	982.9	1021.1	1056.4	1088.0
60°	621.4	688.3	763.7	839.7	907.9	963.4	1010.1	1053.9	1095.2	1134.2	1169.9
62.5°	672.0	748.0	832.2	912.7	972.1	1025.2	1069.2	1111.5	1153.4	1194.0	1231.8
65°	726.4	808.4	900.5	968.0	1024.0	1073.3	1116.6	1156.6	1199.9	1244.2	1283.0
67.5°	785.6	877.7	950.0	1010.3	1062.9	1110.5	1156.9	1203.0	1246.7	1289.8	1327.0
70°	840.9	921.0	988.8	1043.1	1092.9	1143.2	1193.8	1243.0	1289.6	1331.9	1367.3
72.5°	879.6	956.6	1020.7	1071.5	1120.4	1170.2	1224.8	1277.6	1329.6	1371.9	1403.3
75°	908.1	983.1	1043.2	1094.7	1146.2	1198.0	1250.6	1305.9	1356.7	1405.0	1441.1
77.5°	930.0	1008.0	1059.2	1113.8	1168.0	1222.7	1275.8	1325.7	1381.7	1433.6	1476.2
80°	952.4	1020.5	1071.3	1128.1	1183.9	1243.2	1293.7	1347.4	1401.0	1455.9	1495.9
82.5°	972.2	1032.9	1085.8	1140.2	1195.4	1250.5	1305.1	1362.0	1419.3	1478.3	1512.8
85°	986.2	1041.1	1094.9	1148.6	1205.5	1261.5	1314.7	1368.5	1428.4	1488.2	1531.8
87.5°	997.4	1044.9	1098.3	1151.0	1208.8	1269.1	1323.7	1380.3	1436.0	1493.9	1525.7
90°	995.8	1044.5	1096.4	1147.5	1205.0	1269.7	1324.0	1381.4	1437.3	1494.8	1519.6
92.5°	997.4	1044.9	1098.3	1151.0	1208.8	1269.1	1323.7	1380.3	1436.0	1493.9	1525.7
95°	986.2	1041.1	1094.9	1148.6	1205.5	1261.5	1314.7	1368.5	1428.4	1488.2	1531.8
97.5°	972.2	1032.9	1085.8	1140.2	1195.4	1250.5	1305.1	1362.0	1419.3	1478.3	1512.8
100°	952.4	1020.5	1071.3	1128.1	1183.9	1243.2	1293.7	1347.4	1401.0	1455.9	1495.9
102.5°	930.0	1008.0	1059.2	1113.8	1168.0	1222.7	1275.8	1325.7	1381.7	1433.6	1476.2
105°	908.1	983.1	1043.2	1094.7	1146.2	1198.0	1250.6	1305.9	1356.7	1405.0	1441.1
107.5°	879.6	956.6	1020.7	1071.5	1120.4	1170.2	1224.8	1277.6	1329.6	1371.9	1403.3
110°	840.9	921.0	988.8	1043.1	1092.9	1143.2	1193.8	1243.0	1289.6	1331.9	1367.3



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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°	785.6	877.7	950.0	1010.3	1062.9	1110.5	1156.9	1203.0	1246.7	1289.8	1327.0
115°	726.4	808.4	900.5	968.0	1024.0	1073.3	1116.6	1156.6	1199.9	1244.2	1283.0
117.5°	672.0	748.0	832.2	912.7	972.1	1025.2	1069.2	1111.5	1153.4	1194.0	1231.8
120°	621.4	688.3	763.7	839.7	907.9	963.4	1010.1	1053.9	1095.2	1134.2	1169.9
122.5°	566.1	625.6	689.2	760.6	837.7	892.2	941.4	982.9	1021.1	1056.4	1088.0
125°	510.3	561.3	614.7	674.0	735.1	800.8	858.7	898.9	933.1	964.0	990.4
127.5°	458.2	498.7	543.9	589.6	639.8	690.8	736.5	782.3	821.6	853.9	879.0
130°	408.7	440.8	477.5	513.3	553.5	593.1	631.3	668.6	700.2	726.0	746.0
132.5°	362.6	389.5	416.6	445.3	478.2	508.9	539.7	569.4	595.5	617.6	635.5
135°	319.1	341.2	362.6	387.8	412.5	438.2	460.4	483.0	502.7	519.3	532.4
137.5°	283.2	297.3	314.6	335.7	355.6	374.4	393.3	410.2	424.9	437.2	447.0
140°	251.1	262.3	276.2	290.5	304.2	318.7	333.6	346.9	358.3	367.8	375.3
142.5°	224.5	232.8	242.8	252.6	262.0	272.7	282.8	291.9	299.7	306.2	311.2
145°	200.8	207.3	213.7	219.9	226.0	233.3	240.0	245.8	250.8	254.8	257.7
147.5°	178.5	183.3	187.8	192.0	196.4	200.6	204.3	207.3	209.7	211.2	212.0
150°	160.3	162.5	164.4	165.9	168.9	171.6	173.7	175.4	176.5	177.0	176.8
152.5°	143.3	145.1	146.3	147.2	148.1	148.5	148.6	148.3	147.6	146.5	144.9
155°	128.2	129.8	130.9	131.8	132.2	132.1	131.6	130.7	129.5	127.9	125.9
157.5°	115.7	116.7	117.8	118.7	119.2	119.4	119.2	118.7	118.0	116.9	116.0
160°	106.3	108.0	108.8	109.4	109.7	109.8	109.7	109.3	108.8	108.1	107.4
162.5°	93.8	95.5	97.2	98.6	99.8	100.9	101.8	102.5	102.9	103.2	103.7
165°	79.2	80.9	82.4	83.9	85.2	86.3	87.3	88.1	88.8	89.3	90.0
167.5°	64.8	65.9	66.9	67.8	68.5	69.2	69.6	70.0	70.2	70.3	70.5
170°	50.9	51.7	52.3	52.8	53.2	53.5	53.7	53.8	53.8	54.2	53.7
172.5°	37.4	37.9	38.3	38.7	39.0	39.2	39.3	39.3	39.3	39.5	39.1
175°	23.8	24.1	24.4	24.6	24.7	24.8	24.9	24.9	25.2	24.9	24.6
177.5°	10.7	10.8	10.9	10.9	11.0	11.0	11.3	11.1	11.0	10.9	10.7
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°	10.6	10.4
5°	24.3	24.0
7.5°	38.7	38.3
10°	53.2	52.7
12.5°	70.0	69.5
15°	89.7	89.4
17.5°	103.4	103.0
20°	106.4	105.4
22.5°	114.3	112.6
25°	123.9	121.4
27.5°	143.1	140.5
30°	176.2	174.1
32.5°	212.4	210.8
35°	260.0	259.5
37.5°	315.5	316.2
40°	381.7	383.3
42.5°	455.6	458.4
45°	543.9	547.8
47.5°	651.4	657.2
50°	762.9	768.2
52.5°	900.4	906.3
55°	1015.1	1026.1
57.5°	1118.0	1134.7
60°	1204.4	1226.5
62.5°	1265.9	1295.2
65°	1316.4	1344.7
67.5°	1358.3	1384.6
70°	1395.6	1418.2
72.5°	1426.6	1443.7
75°	1463.3	1478.1
77.5°	1493.0	1501.2
80°	1511.9	1517.2
82.5°	1525.7	1526.8
85°	1536.6	1526.8
87.5°	1544.3	1537.2
90°	1544.3	1555.5
92.5°	1544.3	1537.2
95°	1536.6	1526.8
97.5°	1525.7	1526.8
100°	1511.9	1517.2
102.5°	1493.0	1501.2
105°	1463.3	1478.1
107.5°	1426.6	1443.7
110°	1395.6	1418.2





TEST NUMBER: P231937

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**CANDELA DISTRIBUTION (continued):**

	357.5°	360°
112.5°	1358.3	1384.6
115°	1316.4	1344.7
117.5°	1265.9	1295.2
120°	1204.4	1226.5
122.5°	1118.0	1134.7
125°	1015.1	1026.1
127.5°	900.4	906.3
130°	762.9	768.2
132.5°	651.4	657.2
135°	543.9	547.8
137.5°	455.6	458.4
140°	381.7	383.3
142.5°	315.5	316.2
145°	260.0	259.5
147.5°	212.4	210.8
150°	176.2	174.1
152.5°	143.1	140.5
155°	123.9	121.4
157.5°	114.3	112.6
160°	106.4	105.4
162.5°	103.4	103.0
165°	89.7	89.4
167.5°	70.0	69.5
170°	53.2	52.7
172.5°	38.7	38.3
175°	24.3	24.0
177.5°	10.6	10.4
180°	0.0	0.0

(END OF REPORT)