

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: P232021

Luminaire Tested: **FVS4WM-3-LD4-35-1STD-P125-UNV-EDC1**

Issue Date: 3/3/2020



**Test Information**

Test Method: LM-79-08  
Report Number: P232021  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1706-121-23)  
Test Lab: INNOVATION CENTER(G3)  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: FAIL-SAFE  
Catalog Number: FVS4WM-3-LD4-35-1STD-P125-UNV-EDC1  
Description: FAILSAFE FVS LED FIXTURE  
3FT LENGTH, 1-MODULE LED WITH P125 LENS  
Light Source: (84) 3500K CCT, 80 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

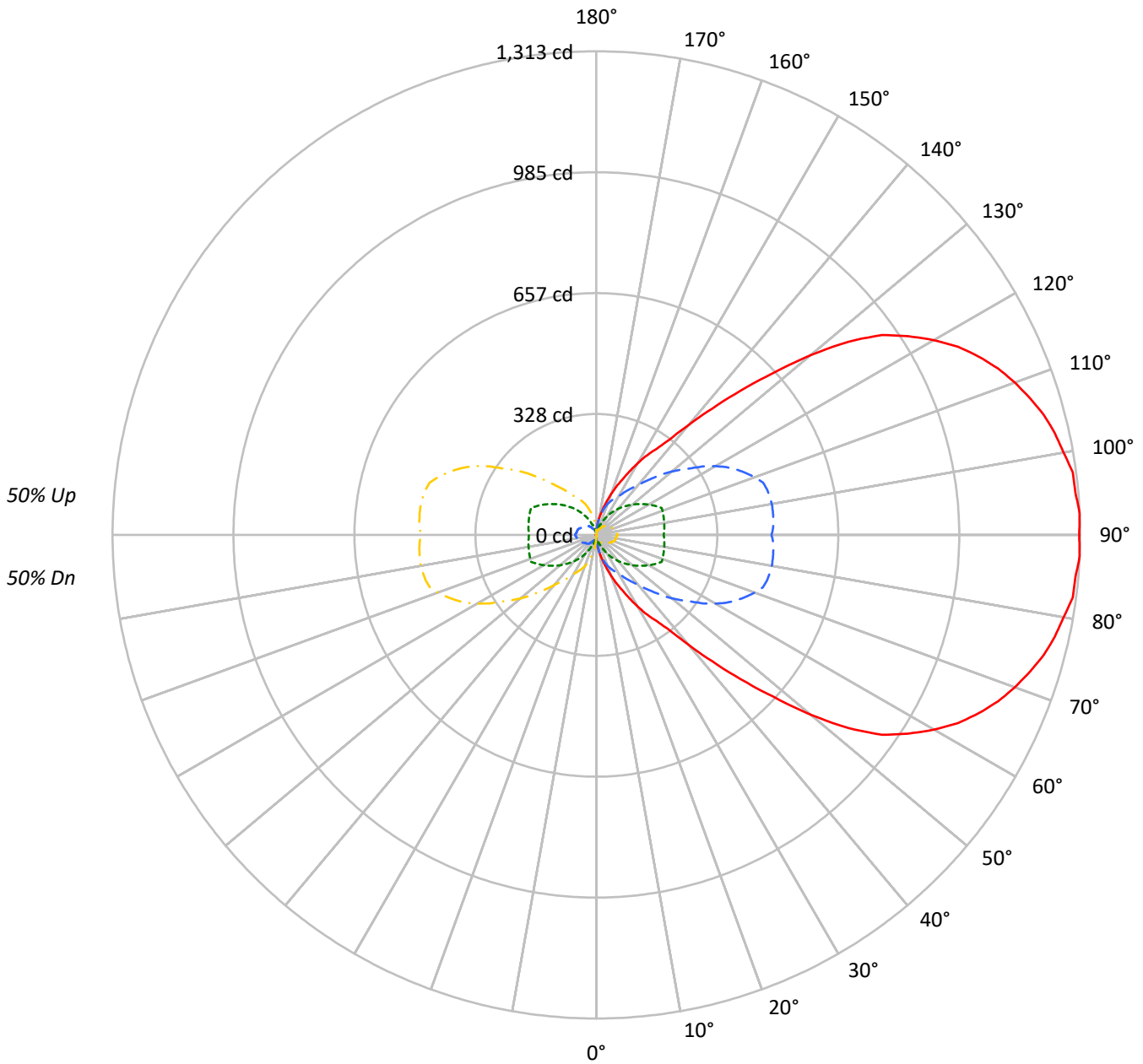
Lumens per Lamp: N/A  
Luminaire Lumens: 3123.6 lumens  
Efficiency: N/A  
Efficacy: 109.6 lumens/watt  
Spacing Criteria (0/90/45): - / - / -  
Luminous Opening: Rectangular w/ Sides (W: 2.92' x L: 0.19' x H: 0.31')  
CIE Type: General Diffuse

Input Watts (W): 28.5  
Input Voltage (V): 120  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT

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### Luminous Intensity Polar Plot



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



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**COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:**

RF	20				20				20				20				20	
RC	80				70				50				30				10	0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR																		
0	107	107	107	107	99	99	99	99	83	83	83	69	69	69	56	56	56	50
1	91	84	77	71	83	76	71	65	63	58	54	50	47	44	39	36	34	28
2	80	69	60	53	73	63	55	48	51	45	40	40	36	31	30	27	23	18
3	72	59	49	41	65	53	45	37	43	36	30	34	28	24	25	21	17	12
4	64	51	41	33	58	46	37	30	37	30	24	29	23	18	21	17	13	9
5	59	44	34	27	53	40	31	24	32	25	20	25	19	15	18	14	10	7
6	54	39	29	22	48	35	27	20	29	22	16	22	17	12	16	12	8	5
7	49	35	26	19	44	32	23	17	26	19	14	20	14	10	14	10	7	4
8	45	31	22	16	41	28	20	15	23	16	12	18	13	9	13	9	6	3
9	42	28	20	14	38	26	18	13	21	15	10	16	11	8	12	8	5	3
10	39	26	18	12	36	24	16	11	19	13	9	15	10	7	11	7	4	2

**AVERAGE LUMINANCE (cd/sqm):**

	0°	90°	180°	270°
0°	0	0	0	0
5°	421	141	0	141
10°	754	282	0	282
15°	1110	430	0	430
20°	1558	583	0	583
25°	2016	850	0	850
30°	2598	1246	0	1246
35°	3163	1685	0	1685
40°	4170	2181	0	2181
45°	5778	2758	0	2758
50°	7784	3473	0	3473
55°	9605	4351	0	4351
60°	10709	5459	0	5459
65°	11660	6919	0	6919
70°	12467	8483	8	8483
75°	13243	10257	8	10257
80°	13961	13178	0	13178
85°	14702	18770	0	18770



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	1.5	0.0
10°-20°	10.8	0.3
20°-30°	30.4	1.0
30°-40°	65.9	2.1
40°-50°	128.2	4.1
50°-60°	222.5	7.1
60°-70°	314.4	10.1
70°-80°	378.1	12.1
80°-90°	409.9	13.1
90°-100°	409.9	13.1
100°-110°	378.1	12.1
110°-120°	314.4	10.1
120°-130°	222.5	7.1
130°-140°	128.2	4.1
140°-150°	65.9	2.1
150°-160°	30.4	1.0
160°-170°	10.8	0.3
170°-180°	1.5	0.0
0°-30°	42.8	1.4
0°-40°	108.7	3.5
0°-60°	459.4	14.7
0°-90°	1561.8	50.0
90°-120°	1102.4	35.3
90°-150°	1519.0	48.6
90°-180°	1562.0	50.0
0°-180°	3123.6	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	0	0	0	0	0	
5°	24	7	0	7	24	3
15°	79	22	0	22	79	24
25°	165	41	0	41	165	79
35°	285	75	0	75	285	186
45°	554	110	0	110	554	438
55°	946	146	0	146	946	837
65°	1145	183	0	183	1145	1134
75°	1257	189	1	189	1257	1326
85°	1305	185	0	185	1305	1065
90°	1310	183	0	183	1310	719
95°	1305	185	0	185	1305	1065
105°	1257	189	1	189	1257	1326
115°	1145	183	0	183	1145	1134
125°	946	146	0	146	946	837
135°	554	110	0	110	554	438
145°	285	75	0	75	285	186
155°	165	41	0	41	165	79
165°	79	22	0	22	79	24
175°	24	7	0	7	24	3
180°	0	0	0	0	0	



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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°	11.4	11.6	11.7	11.9	12.0	12.2	12.3	11.9	11.9	11.9	11.8
5°	24.4	24.7	25.1	25.4	25.7	25.4	25.5	25.5	25.4	25.3	25.1
7.5°	37.4	37.9	38.4	38.9	38.8	39.0	39.1	39.1	39.0	38.9	38.6
10°	48.8	49.5	50.3	51.0	51.0	51.3	51.5	51.7	51.7	51.6	51.4
12.5°	61.0	61.9	62.8	63.1	63.6	63.9	64.1	64.3	64.2	64.1	63.9
15°	78.8	79.5	80.2	80.0	80.0	79.9	79.6	79.2	78.6	78.0	77.3
17.5°	98.3	98.6	98.9	98.1	97.6	96.9	96.1	95.1	93.9	92.7	91.3
20°	119.5	119.4	119.4	117.9	116.8	115.4	113.8	112.0	110.0	107.9	105.6
22.5°	141.4	141.0	140.5	138.4	136.7	134.7	132.4	129.9	127.1	124.1	120.9
25°	165.0	164.1	162.2	160.2	157.8	155.0	151.9	148.5	144.8	140.9	136.8
27.5°	193.4	191.9	189.2	186.3	182.8	178.8	174.3	169.4	164.2	158.5	153.1
30°	224.3	222.9	219.9	216.5	212.4	207.4	201.6	195.1	187.7	179.6	172.7
32.5°	256.8	255.8	253.0	249.6	245.2	239.8	233.3	225.8	217.1	207.8	198.3
35°	285.3	285.5	283.9	281.6	278.1	273.3	267.1	259.5	250.3	240.0	228.6
37.5°	325.1	326.4	324.9	322.6	318.6	313.0	305.6	296.4	285.7	274.9	262.4
40°	389.3	389.8	385.8	380.8	373.8	364.9	354.2	342.0	329.4	316.1	300.8
42.5°	465.7	464.8	458.0	450.1	439.8	427.2	412.6	396.3	380.3	363.4	345.2
45°	553.5	550.4	540.1	528.4	513.9	496.8	477.5	459.1	436.2	414.4	392.2
47.5°	649.4	645.7	632.9	618.1	599.1	576.2	549.5	521.9	495.9	468.8	443.6
50°	759.1	756.1	741.5	724.0	700.5	671.3	636.4	601.3	564.9	527.0	497.1
52.5°	861.5	861.4	849.0	832.8	809.6	779.2	741.5	698.4	647.4	597.6	555.4
55°	946.1	947.4	937.8	925.3	907.0	883.0	851.1	800.7	736.1	674.8	617.4
57.5°	1003.8	1005.8	999.7	991.5	979.3	963.2	937.4	883.6	825.5	750.3	680.7
60°	1057.4	1059.0	1052.6	1044.6	1033.2	1018.7	990.9	946.1	888.0	818.5	744.1
62.5°	1106.2	1105.2	1100.3	1091.9	1080.1	1065.5	1037.6	997.9	943.9	878.5	800.3
65°	1145.2	1143.6	1138.7	1130.8	1120.4	1106.2	1083.6	1053.2	1000.7	933.7	854.1
67.5°	1180.1	1178.3	1172.9	1164.3	1152.6	1139.0	1122.1	1096.9	1060.8	994.2	909.4
70°	1208.6	1206.9	1201.9	1193.7	1182.7	1168.0	1151.6	1130.6	1102.0	1051.5	961.4
72.5°	1233.8	1230.2	1224.1	1216.5	1207.4	1191.8	1175.4	1156.5	1128.9	1079.9	1005.0
75°	1257.3	1251.5	1243.1	1234.5	1225.0	1211.1	1194.0	1176.3	1154.4	1108.0	1033.5
77.5°	1274.4	1269.4	1260.6	1252.2	1242.1	1229.3	1211.4	1193.1	1171.3	1136.0	1063.7
80°	1287.4	1284.5	1276.6	1267.5	1256.6	1242.6	1226.6	1208.7	1186.3	1159.2	1088.4
82.5°	1303.7	1295.9	1287.1	1275.3	1265.8	1251.7	1236.4	1219.0	1196.9	1168.4	1108.8
85°	1305.3	1299.7	1295.5	1281.9	1271.2	1257.0	1241.2	1223.9	1201.2	1174.7	1124.4
87.5°	1312.6	1304.8	1296.0	1281.4	1273.6	1259.0	1241.8	1226.6	1202.0	1178.7	1133.2
90°	1310.2	1297.2	1293.1	1281.7	1271.2	1258.2	1239.5	1226.5	1199.6	1179.3	1133.0
92.5°	1312.6	1304.8	1296.0	1281.4	1273.6	1259.0	1241.8	1226.6	1202.0	1178.7	1133.2
95°	1305.3	1299.7	1295.5	1281.9	1271.2	1257.0	1241.2	1223.9	1201.2	1174.7	1124.4
97.5°	1303.7	1295.9	1287.1	1275.3	1265.8	1251.7	1236.4	1219.0	1196.9	1168.4	1108.8
100°	1287.4	1284.5	1276.6	1267.5	1256.6	1242.6	1226.6	1208.7	1186.3	1159.2	1088.4
102.5°	1274.4	1269.4	1260.6	1252.2	1242.1	1229.3	1211.4	1193.1	1171.3	1136.0	1063.7
105°	1257.3	1251.5	1243.1	1234.5	1225.0	1211.1	1194.0	1176.3	1154.4	1108.0	1033.5
107.5°	1233.8	1230.2	1224.1	1216.5	1207.4	1191.8	1175.4	1156.5	1128.9	1079.9	1005.0
110°	1208.6	1206.9	1201.9	1193.7	1182.7	1168.0	1151.6	1130.6	1102.0	1051.5	961.4



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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°	1180.1	1178.3	1172.9	1164.3	1152.6	1139.0	1122.1	1096.9	1060.8	994.2	909.4
115°	1145.2	1143.6	1138.7	1130.8	1120.4	1106.2	1083.6	1053.2	1000.7	933.7	854.1
117.5°	1106.2	1105.2	1100.3	1091.9	1080.1	1065.5	1037.6	997.9	943.9	878.5	800.3
120°	1057.4	1059.0	1052.6	1044.6	1033.2	1018.7	990.9	946.1	888.0	818.5	744.1
122.5°	1003.8	1005.8	999.7	991.5	979.3	963.2	937.4	883.6	825.5	750.3	680.7
125°	946.1	947.4	937.8	925.3	907.0	883.0	851.1	800.7	736.1	674.8	617.4
127.5°	861.5	861.4	849.0	832.8	809.6	779.2	741.5	698.4	647.4	597.6	555.4
130°	759.1	756.1	741.5	724.0	700.5	671.3	636.4	601.3	564.9	527.0	497.1
132.5°	649.4	645.7	632.9	618.1	599.1	576.2	549.5	521.9	495.9	468.8	443.6
135°	553.5	550.4	540.1	528.4	513.9	496.8	477.5	459.1	436.2	414.4	392.2
137.5°	465.7	464.8	458.0	450.1	439.8	427.2	412.6	396.3	380.3	363.4	345.2
140°	389.3	389.8	385.8	380.8	373.8	364.9	354.2	342.0	329.4	316.1	300.8
142.5°	325.1	326.4	324.9	322.6	318.6	313.0	305.6	296.4	285.7	274.9	262.4
145°	285.3	285.5	283.9	281.6	278.1	273.3	267.1	259.5	250.3	240.0	228.6
147.5°	256.8	255.8	253.0	249.6	245.2	239.8	233.3	225.8	217.1	207.8	198.3
150°	224.3	222.9	219.9	216.5	212.4	207.4	201.6	195.1	187.7	179.6	172.7
152.5°	193.4	191.9	189.2	186.3	182.8	178.8	174.3	169.4	164.2	158.5	153.1
155°	165.0	164.1	162.2	160.2	157.8	155.0	151.9	148.5	144.8	140.9	136.8
157.5°	141.4	141.0	140.5	138.4	136.7	134.7	132.4	129.9	127.1	124.1	120.9
160°	119.5	119.4	119.4	117.9	116.8	115.4	113.8	112.0	110.0	107.9	105.6
162.5°	98.3	98.6	98.9	98.1	97.6	96.9	96.1	95.1	93.9	92.7	91.3
165°	78.8	79.5	80.2	80.0	80.0	79.9	79.6	79.2	78.6	78.0	77.3
167.5°	61.0	61.9	62.8	63.1	63.6	63.9	64.1	64.3	64.2	64.1	63.9
170°	48.8	49.5	50.3	51.0	51.0	51.3	51.5	51.7	51.7	51.6	51.4
172.5°	37.4	37.9	38.4	38.9	38.8	39.0	39.1	39.1	39.0	38.9	38.6
175°	24.4	24.7	25.1	25.4	25.7	25.4	25.5	25.5	25.4	25.3	25.1
177.5°	11.4	11.6	11.7	11.9	12.0	12.2	12.3	11.9	11.9	11.9	11.8
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°	11.7	11.6	11.5	11.4	11.2	11.0	10.8	10.6	10.3	10.0	9.8
5°	24.9	24.6	24.3	23.9	23.5	23.0	22.5	21.9	21.3	20.6	19.9
7.5°	38.3	37.9	37.5	36.9	36.3	35.6	34.9	34.0	33.1	32.1	31.0
10°	51.1	50.7	50.2	49.6	48.9	48.1	47.2	46.1	44.8	43.5	42.1
12.5°	63.5	63.1	62.5	61.8	61.0	60.0	58.9	57.7	56.3	54.8	53.2
15°	76.4	75.5	74.6	73.7	72.7	71.6	70.4	69.1	67.7	65.9	64.0
17.5°	89.9	88.4	87.0	85.7	84.3	82.9	81.4	79.9	78.3	76.5	74.6
20°	103.2	101.0	99.0	97.0	95.0	93.0	91.2	89.6	88.0	86.4	84.4
22.5°	117.7	114.6	111.4	108.2	105.0	102.4	100.1	98.0	96.0	94.3	92.7
25°	132.8	128.7	124.4	120.1	116.1	112.4	108.7	105.2	103.0	101.0	99.4
27.5°	148.1	142.9	137.7	132.5	127.5	122.5	118.1	113.7	109.8	106.4	104.6
30°	165.6	158.3	151.3	144.9	138.8	132.8	127.3	121.8	118.1	115.8	113.4
32.5°	187.9	176.7	167.3	158.8	150.1	143.0	138.3	134.2	130.5	126.8	124.0
35°	215.9	202.6	189.7	176.0	165.5	159.0	152.1	147.5	142.8	138.6	134.6
37.5°	248.0	233.0	217.0	204.0	190.6	178.1	169.2	161.5	155.3	150.1	145.6
40°	284.1	267.4	250.9	234.9	218.7	203.3	189.5	177.5	169.0	161.7	156.2
42.5°	326.6	307.0	286.9	268.2	250.5	230.9	212.5	197.6	183.9	174.6	167.0
45°	371.5	349.3	326.5	302.8	280.8	259.5	239.1	218.5	202.6	188.5	178.4
47.5°	418.3	392.5	367.1	340.6	314.1	288.7	265.7	243.4	221.5	204.9	191.3
50°	466.7	437.5	408.0	379.1	350.7	319.9	292.1	267.5	243.8	222.0	204.7
52.5°	515.9	482.4	449.5	417.3	385.1	353.8	320.3	291.4	266.9	240.6	223.2
55°	569.2	526.4	489.8	454.4	420.0	385.1	349.8	315.9	290.0	266.7	246.0
57.5°	621.8	570.6	528.0	489.8	453.0	416.7	380.5	346.0	314.7	290.7	268.8
60°	670.4	611.7	562.4	521.8	483.5	446.2	409.1	373.1	340.3	313.1	290.5
62.5°	720.5	646.1	593.1	549.1	509.9	472.7	434.8	398.1	363.9	333.5	310.3
65°	767.0	689.5	622.1	573.4	532.0	494.5	458.0	419.7	384.9	353.9	329.1
67.5°	818.5	733.7	658.6	596.6	549.8	512.0	477.4	439.5	403.9	372.5	346.0
70°	866.6	774.0	693.0	618.7	566.5	526.1	491.8	457.2	420.0	388.6	361.3
72.5°	907.0	808.9	720.6	643.5	580.7	536.4	502.6	474.0	433.7	402.6	375.8
75°	938.7	838.8	742.4	662.5	590.9	544.2	510.0	479.4	443.2	411.6	386.9
77.5°	961.6	860.5	759.7	679.3	607.3	552.9	514.0	481.9	448.7	418.1	395.5
80°	984.6	881.9	783.5	695.5	620.7	559.5	516.7	483.2	451.4	422.5	402.1
82.5°	1007.4	900.3	800.2	707.0	629.9	563.9	517.7	483.3	451.7	425.0	407.0
85°	1020.1	911.5	809.8	713.7	634.9	565.9	517.2	482.1	449.9	426.0	410.7
87.5°	1022.8	919.0	815.6	717.8	637.6	566.8	515.9	480.2	447.0	426.2	413.6
90°	1016.0	911.1	807.9	712.0	632.3	562.4	511.2	475.5	442.1	425.1	416.1
92.5°	1022.8	919.0	815.6	717.8	637.6	566.8	515.9	480.2	447.0	426.2	413.6
95°	1020.1	911.5	809.8	713.7	634.9	565.9	517.2	482.1	449.9	426.0	410.7
97.5°	1007.4	900.3	800.2	707.0	629.9	563.9	517.7	483.3	451.7	425.0	407.0
100°	984.6	881.9	783.5	695.5	620.7	559.5	516.7	483.2	451.4	422.5	402.1
102.5°	961.6	860.5	759.7	679.3	607.3	552.9	514.0	481.9	448.7	418.1	395.5
105°	938.7	838.8	742.4	662.5	590.9	544.2	510.0	479.4	443.2	411.6	386.9
107.5°	907.0	808.9	720.6	643.5	580.7	536.4	502.6	474.0	433.7	402.6	375.8
110°	866.6	774.0	693.0	618.7	566.5	526.1	491.8	457.2	420.0	388.6	361.3





TEST NUMBER: P232021

CATALOG NUMBER: FVS4WM-3-LD4-35-1STD-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°	818.5	733.7	658.6	596.6	549.8	512.0	477.4	439.5	403.9	372.5	346.0
115°	767.0	689.5	622.1	573.4	532.0	494.5	458.0	419.7	384.9	353.9	329.1
117.5°	720.5	646.1	593.1	549.1	509.9	472.7	434.8	398.1	363.9	333.5	310.3
120°	670.4	611.7	562.4	521.8	483.5	446.2	409.1	373.1	340.3	313.1	290.5
122.5°	621.8	570.6	528.0	489.8	453.0	416.7	380.5	346.0	314.7	290.7	268.8
125°	569.2	526.4	489.8	454.4	420.0	385.1	349.8	315.9	290.0	266.7	246.0
127.5°	515.9	482.4	449.5	417.3	385.1	353.8	320.3	291.4	266.9	240.6	223.2
130°	466.7	437.5	408.0	379.1	350.7	319.9	292.1	267.5	243.8	222.0	204.7
132.5°	418.3	392.5	367.1	340.6	314.1	288.7	265.7	243.4	221.5	204.9	191.3
135°	371.5	349.3	326.5	302.8	280.8	259.5	239.1	218.5	202.6	188.5	178.4
137.5°	326.6	307.0	286.9	268.2	250.5	230.9	212.5	197.6	183.9	174.6	167.0
140°	284.1	267.4	250.9	234.9	218.7	203.3	189.5	177.5	169.0	161.7	156.2
142.5°	248.0	233.0	217.0	204.0	190.6	178.1	169.2	161.5	155.3	150.1	145.6
145°	215.9	202.6	189.7	176.0	165.5	159.0	152.1	147.5	142.8	138.6	134.6
147.5°	187.9	176.7	167.3	158.8	150.1	143.0	138.3	134.2	130.5	126.8	124.0
150°	165.6	158.3	151.3	144.9	138.8	132.8	127.3	121.8	118.1	115.8	113.4
152.5°	148.1	142.9	137.7	132.5	127.5	122.5	118.1	113.7	109.8	106.4	104.6
155°	132.8	128.7	124.4	120.1	116.1	112.4	108.7	105.2	103.0	101.0	99.4
157.5°	117.7	114.6	111.4	108.2	105.0	102.4	100.1	98.0	96.0	94.3	92.7
160°	103.2	101.0	99.0	97.0	95.0	93.0	91.2	89.6	88.0	86.4	84.4
162.5°	89.9	88.4	87.0	85.7	84.3	82.9	81.4	79.9	78.3	76.5	74.6
165°	76.4	75.5	74.6	73.7	72.7	71.6	70.4	69.1	67.7	65.9	64.0
167.5°	63.5	63.1	62.5	61.8	61.0	60.0	58.9	57.7	56.3	54.8	53.2
170°	51.1	50.7	50.2	49.6	48.9	48.1	47.2	46.1	44.8	43.5	42.1
172.5°	38.3	37.9	37.5	36.9	36.3	35.6	34.9	34.0	33.1	32.1	31.0
175°	24.9	24.6	24.3	23.9	23.5	23.0	22.5	21.9	21.3	20.6	19.9
177.5°	11.7	11.6	11.5	11.4	11.2	11.0	10.8	10.6	10.3	10.0	9.8
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P232021

CATALOG NUMBER: FVS4WM-3-LD4-35-1STD-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°	9.5	9.1	8.8	8.4	8.1	7.7	7.3	6.8	6.4	6.0	5.5
5°	19.1	18.3	17.5	16.8	16.0	15.3	14.5	13.6	12.8	11.9	11.0
7.5°	29.9	28.6	27.4	26.0	24.6	23.2	21.7	20.4	19.1	17.8	16.5
10°	40.7	39.1	37.6	35.6	33.7	31.8	29.7	27.6	25.4	23.6	21.9
12.5°	51.4	49.4	47.4	45.2	42.9	40.5	37.9	35.3	32.5	29.7	27.2
15°	61.9	59.7	57.7	54.7	52.0	49.2	46.2	43.0	39.6	36.2	32.7
17.5°	72.9	69.9	67.1	64.2	61.1	57.7	54.3	50.8	46.9	42.8	38.6
20°	82.1	79.7	77.1	73.6	70.1	66.3	62.4	58.4	54.2	49.5	44.6
22.5°	91.2	88.8	86.0	83.1	79.2	74.9	70.5	65.9	61.2	56.2	50.7
25°	97.7	96.4	94.6	91.4	88.4	84.3	79.7	75.0	70.2	65.3	59.8
27.5°	103.9	103.3	102.5	101.2	97.9	94.5	89.9	84.8	79.7	74.5	69.0
30°	112.3	111.4	110.4	109.3	107.3	103.6	99.7	94.4	89.3	83.6	78.1
32.5°	121.4	119.8	118.6	117.2	115.5	112.6	108.6	103.7	98.1	92.4	86.6
35°	131.5	128.7	126.9	125.4	123.5	121.2	117.1	113.0	106.9	101.0	95.0
37.5°	141.4	138.2	135.3	133.5	131.9	129.0	125.6	120.9	115.4	109.4	103.3
40°	151.5	147.3	144.3	141.6	139.6	137.0	133.7	129.0	123.7	117.6	111.4
42.5°	161.2	156.7	152.8	150.0	147.5	145.2	141.4	136.9	131.7	125.6	119.3
45°	171.2	165.5	161.4	158.1	155.4	152.9	149.3	144.8	139.4	133.4	127.1
47.5°	180.7	174.7	169.7	166.1	163.3	161.5	160.2	157.8	154.8	151.0	145.8
50°	192.6	184.0	180.5	178.9	178.0	177.5	177.3	176.4	174.9	172.2	167.2
52.5°	210.3	201.9	197.6	194.9	193.4	192.9	193.5	194.2	194.4	193.2	188.2
55°	231.1	221.3	214.7	210.7	208.8	208.3	209.1	211.0	213.3	213.6	209.2
57.5°	251.8	239.9	231.8	227.0	224.4	223.4	224.3	227.1	231.5	233.4	230.0
60°	270.9	258.3	249.5	243.5	239.9	238.4	239.0	242.6	248.9	252.7	250.8
62.5°	290.5	276.7	267.0	260.0	255.3	253.2	253.6	258.0	265.7	271.8	271.5
65°	309.0	293.9	283.9	276.2	270.6	268.3	268.5	273.1	282.1	290.4	292.0
67.5°	325.6	309.8	300.3	292.6	286.5	283.4	283.3	287.9	298.0	308.9	312.5
70°	340.8	325.5	316.3	308.5	301.1	296.3	294.8	298.2	307.4	317.2	317.5
72.5°	355.2	339.1	327.9	319.2	311.6	305.8	303.2	305.8	314.6	323.8	320.7
75°	367.7	351.6	338.8	329.7	321.9	315.3	311.7	313.5	321.9	331.0	324.2
77.5°	378.7	363.7	349.6	340.0	332.0	324.9	320.2	321.3	329.5	338.7	328.0
80°	388.5	375.4	360.1	350.0	342.0	334.5	328.6	329.2	337.2	346.7	331.9
82.5°	397.2	386.7	370.4	359.7	351.9	344.0	337.1	337.2	345.2	354.9	336.8
85°	405.1	397.5	380.5	369.2	361.5	353.8	345.6	345.0	353.0	363.7	340.2
87.5°	412.5	408.2	390.5	378.6	371.1	363.0	354.0	353.4	361.4	371.6	343.6
90°	419.4	417.8	399.9	387.7	380.4	372.2	362.5	361.7	369.8	379.6	347.0
92.5°	412.5	408.2	390.5	378.6	371.1	363.0	354.0	353.4	361.4	371.6	343.6
95°	405.1	397.5	380.5	369.2	361.5	353.8	345.6	345.0	353.0	363.7	340.2
97.5°	397.2	386.7	370.4	359.7	351.9	344.0	337.1	337.2	345.2	354.9	336.8
100°	388.5	375.4	360.1	350.0	342.0	334.5	328.6	329.2	337.2	346.7	331.9
102.5°	378.7	363.7	349.6	340.0	332.0	324.9	320.2	321.3	329.5	338.7	328.0
105°	367.7	351.6	338.8	329.7	321.9	315.3	311.7	313.5	321.9	331.0	324.2
107.5°	355.2	339.1	327.9	319.2	311.6	305.8	303.2	305.8	314.6	323.8	320.7
110°	340.8	325.5	316.3	308.5	301.1	296.3	294.8	298.2	307.4	317.2	317.5



TEST NUMBER: P232021

CATALOG NUMBER: FVS4WM-3-LD4-35-1STD-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
112.5°	325.6	309.8	300.3	292.6	286.5	283.4	283.3	287.9	298.0	308.9	312.5
115°	309.0	293.9	283.9	276.2	270.6	268.3	268.5	273.1	282.1	290.4	292.0
117.5°	290.5	276.7	267.0	260.0	255.3	253.2	253.6	258.0	265.7	271.8	271.5
120°	270.9	258.3	249.5	243.5	239.9	238.4	239.0	242.6	248.9	252.7	250.8
122.5°	251.8	239.9	231.8	227.0	224.4	223.4	224.3	227.1	231.5	233.4	230.0
125°	231.1	221.3	214.7	210.7	208.8	208.3	209.1	211.0	213.3	213.6	209.2
127.5°	210.3	201.9	197.6	194.9	193.4	192.9	193.5	194.2	194.4	193.2	188.2
130°	192.6	184.0	180.5	178.9	178.0	177.5	177.3	176.4	174.9	172.2	167.2
132.5°	180.7	174.7	169.7	166.1	163.3	161.5	160.2	157.8	154.8	151.0	145.8
135°	171.2	165.5	161.4	158.1	155.4	152.9	149.3	144.8	139.4	133.4	127.1
137.5°	161.2	156.7	152.8	150.0	147.5	145.2	141.4	136.9	131.7	125.6	119.3
140°	151.5	147.3	144.3	141.6	139.6	137.0	133.7	129.0	123.7	117.6	111.4
142.5°	141.4	138.2	135.3	133.5	131.9	129.0	125.6	120.9	115.4	109.4	103.3
145°	131.5	128.7	126.9	125.4	123.5	121.2	117.1	113.0	106.9	101.0	95.0
147.5°	121.4	119.8	118.6	117.2	115.5	112.6	108.6	103.7	98.1	92.4	86.6
150°	112.3	111.4	110.4	109.3	107.3	103.6	99.7	94.4	89.3	83.6	78.1
152.5°	103.9	103.3	102.5	101.2	97.9	94.5	89.9	84.8	79.7	74.5	69.0
155°	97.7	96.4	94.6	91.4	88.4	84.3	79.7	75.0	70.2	65.3	59.8
157.5°	91.2	88.8	86.0	83.1	79.2	74.9	70.5	65.9	61.2	56.2	50.7
160°	82.1	79.7	77.1	73.6	70.1	66.3	62.4	58.4	54.2	49.5	44.6
162.5°	72.9	69.9	67.1	64.2	61.1	57.7	54.3	50.8	46.9	42.8	38.6
165°	61.9	59.7	57.7	54.7	52.0	49.2	46.2	43.0	39.6	36.2	32.7
167.5°	51.4	49.4	47.4	45.2	42.9	40.5	37.9	35.3	32.5	29.7	27.2
170°	40.7	39.1	37.6	35.6	33.7	31.8	29.7	27.6	25.4	23.6	21.9
172.5°	29.9	28.6	27.4	26.0	24.6	23.2	21.7	20.4	19.1	17.8	16.5
175°	19.1	18.3	17.5	16.8	16.0	15.3	14.5	13.6	12.8	11.9	11.0
177.5°	9.5	9.1	8.8	8.4	8.1	7.7	7.3	6.8	6.4	6.0	5.5
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P232021

CATALOG NUMBER: FVS4WM-3-LD4-35-1STD-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°	5.1	4.6	4.1	3.6	3.6	3.6	3.5	3.5	3.5	3.4	3.3
5°	10.1	9.1	8.2	7.2	7.2	7.1	7.0	6.9	6.8	6.6	6.5
7.5°	15.1	13.7	12.3	10.8	10.7	10.5	10.3	10.1	9.9	9.7	9.4
10°	20.1	18.2	16.3	14.4	14.2	13.9	13.6	13.3	12.9	12.6	12.3
12.5°	25.0	22.7	20.4	18.1	17.7	17.2	16.8	16.3	15.8	15.5	15.1
15°	29.9	27.2	24.5	21.7	21.1	20.5	19.9	19.2	18.8	18.3	17.8
17.5°	34.8	31.7	28.5	25.3	24.5	23.7	22.9	22.2	21.6	21.1	20.5
20°	39.7	36.1	32.5	28.9	27.9	26.9	25.8	25.1	24.4	23.8	23.2
22.5°	45.1	40.5	36.5	32.5	31.2	30.0	28.8	28.0	27.2	26.5	25.9
25°	54.1	49.0	45.1	41.1	40.0	38.8	37.7	36.7	35.5	34.3	32.8
27.5°	63.1	57.5	53.6	49.7	48.8	47.9	47.2	46.5	45.3	44.0	42.1
30°	72.0	65.8	62.1	58.2	57.8	57.1	56.9	56.4	55.2	53.7	50.9
32.5°	80.6	74.4	70.5	66.8	66.7	66.6	66.7	66.4	65.0	62.8	59.3
35°	89.0	82.8	78.8	75.4	75.8	76.1	76.7	76.3	74.9	71.4	67.1
37.5°	97.2	91.1	87.0	84.0	84.9	85.8	86.9	86.3	84.9	79.6	74.3
40°	105.2	99.3	95.2	92.5	94.0	95.6	97.2	96.3	93.4	87.6	81.0
42.5°	113.0	107.3	103.3	101.1	103.2	105.5	107.6	106.3	101.9	95.4	87.4
45°	120.8	115.2	111.4	109.7	112.5	115.4	117.6	116.3	110.2	102.1	93.3
47.5°	138.2	130.3	123.5	118.8	119.0	120.0	120.6	119.0	112.1	104.3	96.0
50°	157.1	146.2	135.9	127.9	125.3	124.1	122.6	119.5	111.8	103.7	95.7
52.5°	176.5	162.4	148.6	137.1	131.4	127.8	124.4	119.5	111.5	103.4	95.7
55°	196.3	178.9	161.4	146.2	137.4	131.3	126.0	119.6	111.3	103.3	96.3
57.5°	216.6	195.8	174.4	155.3	143.1	134.5	127.4	119.8	111.3	103.5	97.2
60°	237.1	212.9	187.6	164.4	148.7	137.5	128.6	120.0	111.5	104.2	98.8
62.5°	258.0	230.2	200.8	173.6	154.2	140.2	129.6	120.3	111.9	105.3	101.2
65°	279.1	247.8	214.2	182.7	159.5	142.8	130.6	120.6	112.4	106.6	104.0
67.5°	300.4	265.5	227.7	191.8	164.8	145.2	131.5	121.0	113.1	108.2	107.2
70°	302.8	265.9	227.1	190.8	163.5	143.9	130.3	120.1	112.5	108.2	108.3
72.5°	303.7	265.6	226.3	189.8	162.1	142.6	129.1	119.1	111.6	107.6	107.9
75°	304.5	265.2	226.7	188.8	160.9	141.4	127.9	118.2	110.8	106.9	107.4
77.5°	305.0	264.6	225.4	187.8	159.6	140.3	126.9	117.4	110.0	106.4	106.8
80°	305.4	265.1	224.0	186.9	158.5	139.2	125.9	116.7	109.3	105.8	106.2
82.5°	306.7	263.6	222.7	185.9	157.4	138.2	125.0	116.0	108.7	105.3	105.5
85°	306.1	262.2	221.3	184.9	156.3	137.3	124.1	115.5	108.2	104.8	104.7
87.5°	305.4	260.7	220.0	183.9	155.3	136.5	123.4	115.0	107.7	104.4	104.0
90°	304.8	259.3	218.6	182.9	154.4	135.7	122.7	114.6	107.3	104.0	103.2
92.5°	305.4	260.7	220.0	183.9	155.3	136.5	123.4	115.0	107.7	104.4	104.0
95°	306.1	262.2	221.3	184.9	156.3	137.3	124.1	115.5	108.2	104.8	104.7
97.5°	306.7	263.6	222.7	185.9	157.4	138.2	125.0	116.0	108.7	105.3	105.5
100°	305.4	265.1	224.0	186.9	158.5	139.2	125.9	116.7	109.3	105.8	106.2
102.5°	305.0	264.6	225.4	187.8	159.6	140.3	126.9	117.4	110.0	106.4	106.8
105°	304.5	265.2	226.7	188.8	160.9	141.4	127.9	118.2	110.8	106.9	107.4
107.5°	303.7	265.6	226.3	189.8	162.1	142.6	129.1	119.1	111.6	107.6	107.9
110°	302.8	265.9	227.1	190.8	163.5	143.9	130.3	120.1	112.5	108.2	108.3



TEST NUMBER: P232021

CATALOG NUMBER: FVS4WM-3-LD4-35-1STD-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°	300.4	265.5	227.7	191.8	164.8	145.2	131.5	121.0	113.1	108.2	107.2
115°	279.1	247.8	214.2	182.7	159.5	142.8	130.6	120.6	112.4	106.6	104.0
117.5°	258.0	230.2	200.8	173.6	154.2	140.2	129.6	120.3	111.9	105.3	101.2
120°	237.1	212.9	187.6	164.4	148.7	137.5	128.6	120.0	111.5	104.2	98.8
122.5°	216.6	195.8	174.4	155.3	143.1	134.5	127.4	119.8	111.3	103.5	97.2
125°	196.3	178.9	161.4	146.2	137.4	131.3	126.0	119.6	111.3	103.3	96.3
127.5°	176.5	162.4	148.6	137.1	131.4	127.8	124.4	119.5	111.5	103.4	95.7
130°	157.1	146.2	135.9	127.9	125.3	124.1	122.6	119.5	111.8	103.7	95.7
132.5°	138.2	130.3	123.5	118.8	119.0	120.0	120.6	119.0	112.1	104.3	96.0
135°	120.8	115.2	111.4	109.7	112.5	115.4	117.6	116.3	110.2	102.1	93.3
137.5°	113.0	107.3	103.3	101.1	103.2	105.5	107.6	106.3	101.9	95.4	87.4
140°	105.2	99.3	95.2	92.5	94.0	95.6	97.2	96.3	93.4	87.6	81.0
142.5°	97.2	91.1	87.0	84.0	84.9	85.8	86.9	86.3	84.9	79.6	74.3
145°	89.0	82.8	78.8	75.4	75.8	76.1	76.7	76.3	74.9	71.4	67.1
147.5°	80.6	74.4	70.5	66.8	66.7	66.6	66.7	66.4	65.0	62.8	59.3
150°	72.0	65.8	62.1	58.2	57.8	57.1	56.9	56.4	55.2	53.7	50.9
152.5°	63.1	57.5	53.6	49.7	48.8	47.9	47.2	46.5	45.3	44.0	42.1
155°	54.1	49.0	45.1	41.1	40.0	38.8	37.7	36.7	35.5	34.3	32.8
157.5°	45.1	40.5	36.5	32.5	31.2	30.0	28.8	28.0	27.2	26.5	25.9
160°	39.7	36.1	32.5	28.9	27.9	26.9	25.8	25.1	24.4	23.8	23.2
162.5°	34.8	31.7	28.5	25.3	24.5	23.7	22.9	22.2	21.6	21.1	20.5
165°	29.9	27.2	24.5	21.7	21.1	20.5	19.9	19.2	18.8	18.3	17.8
167.5°	25.0	22.7	20.4	18.1	17.7	17.2	16.8	16.3	15.8	15.5	15.1
170°	20.1	18.2	16.3	14.4	14.2	13.9	13.6	13.3	12.9	12.6	12.3
172.5°	15.1	13.7	12.3	10.8	10.7	10.5	10.3	10.1	9.9	9.7	9.4
175°	10.1	9.1	8.2	7.2	7.2	7.1	7.0	6.9	6.8	6.6	6.5
177.5°	5.1	4.6	4.1	3.6	3.6	3.6	3.5	3.5	3.5	3.4	3.3
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: P232021

CATALOG NUMBER: FVS4WM-3-LD4-35-1STD-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°	3.3	3.2	3.1	3.1	3.0	2.9	2.8	2.7	2.6	2.5	2.4
5°	6.3	6.2	6.0	5.8	5.6	5.5	5.3	5.1	4.9	4.7	4.5
7.5°	9.2	9.0	8.7	8.5	8.2	8.0	7.7	7.4	7.1	6.8	6.5
10°	12.0	11.7	11.4	11.0	10.7	10.3	10.0	9.6	9.3	8.9	8.5
12.5°	14.7	14.3	13.9	13.5	13.1	12.7	12.3	11.9	11.4	10.9	10.4
15°	17.3	16.9	16.5	16.0	15.6	15.1	14.6	14.0	13.5	12.9	12.2
17.5°	20.0	19.6	19.0	18.5	17.9	17.4	16.7	16.0	15.2	14.5	13.7
20°	22.7	22.1	21.5	20.9	20.3	19.4	18.6	17.7	16.8	15.9	15.0
22.5°	25.3	24.7	24.0	23.2	22.2	21.2	20.2	19.2	18.2	17.2	16.4
25°	31.1	29.3	27.3	25.2	24.0	22.9	21.8	20.6	19.7	18.7	17.8
27.5°	39.8	37.4	34.7	31.9	29.3	26.7	24.3	22.3	21.2	20.0	18.8
30°	48.0	44.7	41.3	38.0	34.8	31.9	29.3	26.8	24.2	21.7	19.8
32.5°	55.4	51.3	47.3	43.3	39.8	36.7	33.6	30.5	27.6	25.2	22.8
35°	62.2	57.4	52.6	48.2	44.4	40.7	37.1	33.8	30.9	28.2	26.0
37.5°	68.5	62.8	57.3	52.7	48.4	44.2	40.3	36.8	33.7	31.1	28.6
40°	74.4	67.8	61.9	56.8	51.9	47.2	43.1	39.5	36.4	33.5	30.7
42.5°	79.7	72.2	66.1	60.4	54.9	50.1	45.6	42.0	38.6	35.4	32.5
45°	84.6	76.7	69.9	63.7	57.8	52.4	48.1	44.1	40.4	37.0	33.9
47.5°	87.8	80.7	73.5	66.6	60.4	54.9	50.2	46.0	42.0	38.3	35.1
50°	87.9	81.8	75.9	69.7	63.4	57.3	52.2	47.6	43.3	39.5	36.0
52.5°	89.2	83.9	78.9	73.8	68.2	62.2	56.2	50.0	44.4	40.4	36.7
55°	91.0	86.9	83.0	78.9	73.5	67.3	60.8	54.1	48.2	42.5	37.4
57.5°	93.5	90.7	88.0	84.5	79.2	72.4	65.1	58.1	51.5	45.2	40.0
60°	96.5	95.2	93.7	90.3	84.6	77.3	69.2	61.7	54.4	47.9	42.3
62.5°	100.2	100.3	100.2	96.5	90.0	81.8	73.2	65.1	56.8	50.4	44.2
65°	104.5	106.1	107.2	103.0	95.4	86.3	77.1	68.0	59.5	52.7	45.9
67.5°	109.3	112.3	113.6	109.3	100.9	90.6	80.8	70.6	62.3	54.8	47.9
70°	111.6	116.2	118.4	114.7	105.9	95.0	84.3	73.1	64.9	56.8	50.0
72.5°	111.0	115.6	117.3	113.9	106.4	96.6	86.1	75.5	67.4	58.9	52.0
75°	110.3	114.9	116.6	113.7	106.8	97.3	86.5	76.2	67.4	59.5	52.9
77.5°	109.4	114.1	116.1	114.1	107.8	98.3	87.3	76.8	67.6	59.7	53.0
80°	108.3	113.2	115.8	114.9	109.2	99.7	88.5	77.6	68.0	60.1	53.3
82.5°	107.1	112.3	115.7	116.0	111.0	101.4	90.0	78.5	68.6	60.8	54.0
85°	105.9	111.2	115.6	117.4	113.1	103.3	91.9	79.6	69.5	61.6	54.9
87.5°	104.5	110.1	115.5	118.8	115.4	105.6	94.1	81.1	70.7	62.8	56.2
90°	103.2	108.9	115.4	120.3	117.9	108.1	96.7	82.9	72.3	64.2	57.7
92.5°	104.5	110.1	115.5	118.8	115.4	105.6	94.1	81.1	70.7	62.8	56.2
95°	105.9	111.2	115.6	117.4	113.1	103.3	91.9	79.6	69.5	61.6	54.9
97.5°	107.1	112.3	115.7	116.0	111.0	101.4	90.0	78.5	68.6	60.8	54.0
100°	108.3	113.2	115.8	114.9	109.2	99.7	88.5	77.6	68.0	60.1	53.3
102.5°	109.4	114.1	116.1	114.1	107.8	98.3	87.3	76.8	67.6	59.7	53.0
105°	110.3	114.9	116.6	113.7	106.8	97.3	86.5	76.2	67.4	59.5	52.9
107.5°	111.0	115.6	117.3	113.9	106.4	96.6	86.1	75.5	67.4	58.9	52.0
110°	111.6	116.2	118.4	114.7	105.9	95.0	84.3	73.1	64.9	56.8	50.0



TEST NUMBER: P232021

CATALOG NUMBER: FVS4WM-3-LD4-35-1STD-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
112.5°	109.3	112.3	113.6	109.3	100.9	90.6	80.8	70.6	62.3	54.8	47.9
115°	104.5	106.1	107.2	103.0	95.4	86.3	77.1	68.0	59.5	52.7	45.9
117.5°	100.2	100.3	100.2	96.5	90.0	81.8	73.2	65.1	56.8	50.4	44.2
120°	96.5	95.2	93.7	90.3	84.6	77.3	69.2	61.7	54.4	47.9	42.3
122.5°	93.5	90.7	88.0	84.5	79.2	72.4	65.1	58.1	51.5	45.2	40.0
125°	91.0	86.9	83.0	78.9	73.5	67.3	60.8	54.1	48.2	42.5	37.4
127.5°	89.2	83.9	78.9	73.8	68.2	62.2	56.2	50.0	44.4	40.4	36.7
130°	87.9	81.8	75.9	69.7	63.4	57.3	52.2	47.6	43.3	39.5	36.0
132.5°	87.8	80.7	73.5	66.6	60.4	54.9	50.2	46.0	42.0	38.3	35.1
135°	84.6	76.7	69.9	63.7	57.8	52.4	48.1	44.1	40.4	37.0	33.9
137.5°	79.7	72.2	66.1	60.4	54.9	50.1	45.6	42.0	38.6	35.4	32.5
140°	74.4	67.8	61.9	56.8	51.9	47.2	43.1	39.5	36.4	33.5	30.7
142.5°	68.5	62.8	57.3	52.7	48.4	44.2	40.3	36.8	33.7	31.1	28.6
145°	62.2	57.4	52.6	48.2	44.4	40.7	37.1	33.8	30.9	28.2	26.0
147.5°	55.4	51.3	47.3	43.3	39.8	36.7	33.6	30.5	27.6	25.2	22.8
150°	48.0	44.7	41.3	38.0	34.8	31.9	29.3	26.8	24.2	21.7	19.8
152.5°	39.8	37.4	34.7	31.9	29.3	26.7	24.3	22.3	21.2	20.0	18.8
155°	31.1	29.3	27.3	25.2	24.0	22.9	21.8	20.6	19.7	18.7	17.8
157.5°	25.3	24.7	24.0	23.2	22.2	21.2	20.2	19.2	18.2	17.2	16.4
160°	22.7	22.1	21.5	20.9	20.3	19.4	18.6	17.7	16.8	15.9	15.0
162.5°	20.0	19.6	19.0	18.5	17.9	17.4	16.7	16.0	15.2	14.5	13.7
165°	17.3	16.9	16.5	16.0	15.6	15.1	14.6	14.0	13.5	12.9	12.2
167.5°	14.7	14.3	13.9	13.5	13.1	12.7	12.3	11.9	11.4	10.9	10.4
170°	12.0	11.7	11.4	11.0	10.7	10.3	10.0	9.6	9.3	8.9	8.5
172.5°	9.2	9.0	8.7	8.5	8.2	8.0	7.7	7.4	7.1	6.8	6.5
175°	6.3	6.2	6.0	5.8	5.6	5.5	5.3	5.1	4.9	4.7	4.5
177.5°	3.3	3.2	3.1	3.1	3.0	2.9	2.8	2.7	2.6	2.5	2.4
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: P232021

CATALOG NUMBER: FVS4WM-3-LD4-35-1STD-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°	2.3	2.1	2.0	1.9	1.8	1.7	1.5	1.4	1.3	1.1	1.0
5°	4.3	4.1	3.8	3.6	3.4	3.1	2.9	2.6	2.4	2.1	1.9
7.5°	6.2	5.9	5.6	5.2	4.9	4.5	4.2	3.8	3.5	3.1	2.7
10°	8.1	7.7	7.3	6.8	6.4	5.9	5.5	5.0	4.5	4.0	3.5
12.5°	9.9	9.4	8.9	8.3	7.7	7.2	6.6	6.0	5.4	4.8	4.2
15°	11.6	10.9	10.2	9.5	8.9	8.2	7.5	6.8	6.1	5.4	4.8
17.5°	12.9	12.2	11.4	10.6	9.8	9.1	8.3	7.6	6.8	6.1	5.3
20°	14.2	13.3	12.5	11.7	10.9	10.1	9.2	8.4	7.5	6.7	5.8
22.5°	15.5	14.6	13.7	12.7	11.7	10.8	9.8	8.9	8.0	7.2	6.3
25°	16.7	15.6	14.5	13.5	12.5	11.6	10.6	9.7	8.8	7.9	6.9
27.5°	17.5	16.5	15.5	14.5	13.5	12.6	11.7	10.8	9.7	8.6	7.6
30°	18.7	17.6	16.8	15.9	14.9	13.8	12.7	11.5	10.4	9.3	8.2
32.5°	20.9	19.3	18.3	17.1	15.9	14.7	13.6	12.5	11.4	10.2	8.9
35°	24.0	21.8	19.7	18.2	17.1	16.0	14.7	13.4	12.0	10.7	9.5
37.5°	26.2	23.9	22.0	20.2	18.3	16.9	15.5	14.3	13.0	11.7	10.2
40°	28.1	25.9	23.7	21.6	19.7	18.1	16.8	15.4	13.8	12.2	10.7
42.5°	29.8	27.3	24.9	23.0	21.2	19.4	17.7	16.0	14.4	12.8	11.2
45°	31.1	28.4	26.1	24.0	22.0	20.0	18.2	16.6	15.2	13.7	12.1
47.5°	32.0	29.3	26.9	24.6	22.3	20.3	18.7	17.4	16.1	14.0	12.0
50°	32.8	29.9	27.3	24.7	22.4	20.6	19.0	17.1	15.4	14.1	12.3
52.5°	33.3	30.4	27.3	24.6	22.5	20.4	18.3	16.6	15.3	13.8	12.1
55°	33.8	30.3	27.1	24.5	22.0	19.7	17.9	16.3	14.7	13.2	12.0
57.5°	35.0	30.1	26.8	24.0	21.4	19.3	17.6	15.9	14.3	12.9	11.4
60°	36.7	31.9	27.4	23.3	21.0	19.1	17.3	15.4	13.8	12.2	10.6
62.5°	38.5	33.4	28.7	24.7	21.3	18.9	16.8	14.9	13.2	11.5	9.9
65°	40.3	34.9	30.2	26.2	22.7	19.2	16.3	14.6	12.8	11.3	10.0
67.5°	42.0	36.3	31.8	27.5	23.6	20.0	17.1	14.5	12.9	11.4	9.2
70°	43.6	38.1	33.2	28.6	24.3	20.8	17.8	15.3	13.2	10.7	8.6
72.5°	45.3	39.9	34.5	29.5	25.2	21.6	18.6	15.8	12.9	10.4	8.2
75°	46.7	41.7	35.6	30.4	26.1	22.5	19.1	15.8	12.8	10.2	7.3
77.5°	47.1	41.7	36.2	31.3	27.1	23.4	19.3	15.9	12.8	9.2	6.4
80°	47.6	42.0	36.6	31.8	27.5	23.4	19.5	16.1	12.4	8.1	5.5
82.5°	48.4	42.6	37.4	32.4	27.9	23.3	19.3	15.8	11.6	7.5	4.3
85°	49.3	43.5	38.5	33.3	28.4	23.3	19.4	15.7	11.0	7.1	3.8
87.5°	50.5	44.8	39.9	34.4	29.1	23.7	19.7	15.8	10.9	7.0	3.7
90°	52.0	46.3	41.5	35.8	30.1	24.4	20.3	16.3	11.4	7.3	4.1
92.5°	50.5	44.8	39.9	34.4	29.1	23.7	19.7	15.8	10.9	7.0	3.7
95°	49.3	43.5	38.5	33.3	28.4	23.3	19.4	15.7	11.0	7.1	3.8
97.5°	48.4	42.6	37.4	32.4	27.9	23.3	19.3	15.8	11.6	7.5	4.3
100°	47.6	42.0	36.6	31.8	27.5	23.4	19.5	16.1	12.4	8.1	5.5
102.5°	47.1	41.7	36.2	31.3	27.1	23.4	19.3	15.9	12.8	9.2	6.4
105°	46.7	41.7	35.6	30.4	26.1	22.5	19.1	15.8	12.8	10.2	7.3
107.5°	45.3	39.9	34.5	29.5	25.2	21.6	18.6	15.8	12.9	10.4	8.2
110°	43.6	38.1	33.2	28.6	24.3	20.8	17.8	15.3	13.2	10.7	8.6





TEST NUMBER: P232021

CATALOG NUMBER: FVS4WM-3-LD4-35-1STD-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°	42.0	36.3	31.8	27.5	23.6	20.0	17.1	14.5	12.9	11.4	9.2
115°	40.3	34.9	30.2	26.2	22.7	19.2	16.3	14.6	12.8	11.3	10.0
117.5°	38.5	33.4	28.7	24.7	21.3	18.9	16.8	14.9	13.2	11.5	9.9
120°	36.7	31.9	27.4	23.3	21.0	19.1	17.3	15.4	13.8	12.2	10.6
122.5°	35.0	30.1	26.8	24.0	21.4	19.3	17.6	15.9	14.3	12.9	11.4
125°	33.8	30.3	27.1	24.5	22.0	19.7	17.9	16.3	14.7	13.2	12.0
127.5°	33.3	30.4	27.3	24.6	22.5	20.4	18.3	16.6	15.3	13.8	12.1
130°	32.8	29.9	27.3	24.7	22.4	20.6	19.0	17.1	15.4	14.1	12.3
132.5°	32.0	29.3	26.9	24.6	22.3	20.3	18.7	17.4	16.1	14.0	12.0
135°	31.1	28.4	26.1	24.0	22.0	20.0	18.2	16.6	15.2	13.7	12.1
137.5°	29.8	27.3	24.9	23.0	21.2	19.4	17.7	16.0	14.4	12.8	11.2
140°	28.1	25.9	23.7	21.6	19.7	18.1	16.8	15.4	13.8	12.2	10.7
142.5°	26.2	23.9	22.0	20.2	18.3	16.9	15.5	14.3	13.0	11.7	10.2
145°	24.0	21.8	19.7	18.2	17.1	16.0	14.7	13.4	12.0	10.7	9.5
147.5°	20.9	19.3	18.3	17.1	15.9	14.7	13.6	12.5	11.4	10.2	8.9
150°	18.7	17.6	16.8	15.9	14.9	13.8	12.7	11.5	10.4	9.3	8.2
152.5°	17.5	16.5	15.5	14.5	13.5	12.6	11.7	10.8	9.7	8.6	7.6
155°	16.7	15.6	14.5	13.5	12.5	11.6	10.6	9.7	8.8	7.9	6.9
157.5°	15.5	14.6	13.7	12.7	11.7	10.8	9.8	8.9	8.0	7.2	6.3
160°	14.2	13.3	12.5	11.7	10.9	10.1	9.2	8.4	7.5	6.7	5.8
162.5°	12.9	12.2	11.4	10.6	9.8	9.1	8.3	7.6	6.8	6.1	5.3
165°	11.6	10.9	10.2	9.5	8.9	8.2	7.5	6.8	6.1	5.4	4.8
167.5°	9.9	9.4	8.9	8.3	7.7	7.2	6.6	6.0	5.4	4.8	4.2
170°	8.1	7.7	7.3	6.8	6.4	5.9	5.5	5.0	4.5	4.0	3.5
172.5°	6.2	5.9	5.6	5.2	4.9	4.5	4.2	3.8	3.5	3.1	2.7
175°	4.3	4.1	3.8	3.6	3.4	3.1	2.9	2.6	2.4	2.1	1.9
177.5°	2.3	2.1	2.0	1.9	1.8	1.7	1.5	1.4	1.3	1.1	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: P232021

CATALOG NUMBER: FVS4WM-3-LD4-35-1STD-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°	0.8	0.7	0.6	0.4	0.3	0.1	0.0	0.1	0.3	0.4	0.6
5°	1.6	1.3	1.1	0.8	0.5	0.3	0.0	0.3	0.5	0.8	1.1
7.5°	2.3	1.9	1.6	1.2	0.8	0.4	0.0	0.4	0.8	1.2	1.6
10°	3.0	2.5	2.0	1.5	1.0	0.5	0.0	0.5	1.0	1.5	2.0
12.5°	3.6	3.0	2.4	1.8	1.2	0.6	0.0	0.6	1.2	1.8	2.4
15°	4.1	3.4	2.7	2.0	1.4	0.7	0.0	0.7	1.4	2.0	2.7
17.5°	4.6	3.8	3.1	2.3	1.5	0.8	0.0	0.8	1.5	2.3	3.1
20°	5.0	4.1	3.3	2.5	1.6	0.8	0.0	0.8	1.6	2.5	3.3
22.5°	5.4	4.5	3.6	2.7	1.8	0.9	0.0	0.9	1.8	2.7	3.6
25°	6.0	5.0	4.0	3.0	2.0	1.0	0.0	1.0	2.0	3.0	4.0
27.5°	6.5	5.4	4.3	3.2	2.2	1.1	0.0	1.1	2.2	3.2	4.3
30°	7.1	5.9	4.8	3.6	2.4	1.2	0.0	1.2	2.4	3.6	4.8
32.5°	7.6	6.3	5.1	3.8	2.5	1.3	0.0	1.3	2.5	3.8	5.1
35°	8.2	6.9	5.5	4.2	2.8	1.4	0.0	1.4	2.8	4.2	5.5
37.5°	8.8	7.3	5.8	4.4	2.9	1.5	0.0	1.5	2.9	4.4	5.8
40°	9.2	7.6	6.1	4.6	3.0	1.5	0.0	1.5	3.0	4.6	6.1
42.5°	9.7	8.1	6.5	4.9	3.3	1.7	0.0	1.7	3.3	4.9	6.5
45°	10.3	8.4	6.6	4.9	3.3	1.6	0.0	1.6	3.3	4.9	6.6
47.5°	10.1	8.4	6.7	5.0	3.4	1.7	0.0	1.7	3.4	5.0	6.7
50°	10.4	8.5	6.7	4.9	3.3	1.6	0.0	1.6	3.3	4.9	6.7
52.5°	10.1	8.4	6.7	5.0	3.3	1.7	0.0	1.7	3.3	5.0	6.7
55°	10.3	8.4	6.6	4.8	3.2	1.6	0.0	1.6	3.2	4.8	6.6
57.5°	9.9	7.9	6.1	4.4	2.9	1.4	0.0	1.4	2.9	4.4	6.1
60°	9.0	7.3	5.8	4.3	2.8	1.4	0.0	1.4	2.8	4.3	5.8
62.5°	8.6	7.3	5.5	3.9	2.5	1.2	0.0	1.2	2.5	3.9	5.5
65°	8.2	6.4	4.8	3.3	2.1	1.0	0.0	1.0	2.1	3.3	4.8
67.5°	7.3	5.6	4.0	2.9	1.8	0.9	0.0	0.9	1.8	2.9	4.0
70°	6.7	5.0	3.6	2.2	1.4	1.0	0.8	1.0	1.4	2.2	3.6
72.5°	6.0	4.3	2.6	1.6	1.3	1.1	0.8	1.1	1.3	1.6	2.6
75°	5.5	3.6	2.2	1.4	1.0	0.8	0.8	0.8	1.0	1.4	2.2
77.5°	4.5	2.5	1.3	0.7	0.3	0.1	0.0	0.1	0.3	0.7	1.3
80°	2.9	1.4	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5
82.5°	1.9	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	1.4	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	1.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	1.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	1.4	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	1.9	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	2.9	1.4	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5
102.5°	4.5	2.5	1.3	0.7	0.3	0.1	0.0	0.1	0.3	0.7	1.3
105°	5.5	3.6	2.2	1.4	1.0	0.8	0.8	0.8	1.0	1.4	2.2
107.5°	6.0	4.3	2.6	1.6	1.3	1.1	0.8	1.1	1.3	1.6	2.6
110°	6.7	5.0	3.6	2.2	1.4	1.0	0.8	1.0	1.4	2.2	3.6



TEST NUMBER: P232021

CATALOG NUMBER: FVS4WM-3-LD4-35-1STD-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
112.5°	7.3	5.6	4.0	2.9	1.8	0.9	0.0	0.9	1.8	2.9	4.0
115°	8.2	6.4	4.8	3.3	2.1	1.0	0.0	1.0	2.1	3.3	4.8
117.5°	8.6	7.3	5.5	3.9	2.5	1.2	0.0	1.2	2.5	3.9	5.5
120°	9.0	7.3	5.8	4.3	2.8	1.4	0.0	1.4	2.8	4.3	5.8
122.5°	9.9	7.9	6.1	4.4	2.9	1.4	0.0	1.4	2.9	4.4	6.1
125°	10.3	8.4	6.6	4.8	3.2	1.6	0.0	1.6	3.2	4.8	6.6
127.5°	10.1	8.4	6.7	5.0	3.3	1.7	0.0	1.7	3.3	5.0	6.7
130°	10.4	8.5	6.7	4.9	3.3	1.6	0.0	1.6	3.3	4.9	6.7
132.5°	10.1	8.4	6.7	5.0	3.4	1.7	0.0	1.7	3.4	5.0	6.7
135°	10.3	8.4	6.6	4.9	3.3	1.6	0.0	1.6	3.3	4.9	6.6
137.5°	9.7	8.1	6.5	4.9	3.3	1.7	0.0	1.7	3.3	4.9	6.5
140°	9.2	7.6	6.1	4.6	3.0	1.5	0.0	1.5	3.0	4.6	6.1
142.5°	8.8	7.3	5.8	4.4	2.9	1.5	0.0	1.5	2.9	4.4	5.8
145°	8.2	6.9	5.5	4.2	2.8	1.4	0.0	1.4	2.8	4.2	5.5
147.5°	7.6	6.3	5.1	3.8	2.5	1.3	0.0	1.3	2.5	3.8	5.1
150°	7.1	5.9	4.8	3.6	2.4	1.2	0.0	1.2	2.4	3.6	4.8
152.5°	6.5	5.4	4.3	3.2	2.2	1.1	0.0	1.1	2.2	3.2	4.3
155°	6.0	5.0	4.0	3.0	2.0	1.0	0.0	1.0	2.0	3.0	4.0
157.5°	5.4	4.5	3.6	2.7	1.8	0.9	0.0	0.9	1.8	2.7	3.6
160°	5.0	4.1	3.3	2.5	1.6	0.8	0.0	0.8	1.6	2.5	3.3
162.5°	4.6	3.8	3.1	2.3	1.5	0.8	0.0	0.8	1.5	2.3	3.1
165°	4.1	3.4	2.7	2.0	1.4	0.7	0.0	0.7	1.4	2.0	2.7
167.5°	3.6	3.0	2.4	1.8	1.2	0.6	0.0	0.6	1.2	1.8	2.4
170°	3.0	2.5	2.0	1.5	1.0	0.5	0.0	0.5	1.0	1.5	2.0
172.5°	2.3	1.9	1.6	1.2	0.8	0.4	0.0	0.4	0.8	1.2	1.6
175°	1.6	1.3	1.1	0.8	0.5	0.3	0.0	0.3	0.5	0.8	1.1
177.5°	0.8	0.7	0.6	0.4	0.3	0.1	0.0	0.1	0.3	0.4	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: P232021

CATALOG NUMBER: FVS4WM-3-LD4-35-1STD-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°	0.7	0.8	1.0	1.1	1.3	1.4	1.5	1.7	1.8	1.9	2.0
5°	1.3	1.6	1.9	2.1	2.4	2.6	2.9	3.1	3.4	3.6	3.8
7.5°	1.9	2.3	2.7	3.1	3.5	3.8	4.2	4.5	4.9	5.2	5.6
10°	2.5	3.0	3.5	4.0	4.5	5.0	5.5	5.9	6.4	6.8	7.3
12.5°	3.0	3.6	4.2	4.8	5.4	6.0	6.6	7.2	7.7	8.3	8.9
15°	3.4	4.1	4.8	5.4	6.1	6.8	7.5	8.2	8.9	9.5	10.2
17.5°	3.8	4.6	5.3	6.1	6.8	7.6	8.3	9.1	9.8	10.6	11.4
20°	4.1	5.0	5.8	6.7	7.5	8.4	9.2	10.1	10.9	11.7	12.5
22.5°	4.5	5.4	6.3	7.2	8.0	8.9	9.8	10.8	11.7	12.7	13.7
25°	5.0	6.0	6.9	7.9	8.8	9.7	10.6	11.6	12.5	13.5	14.5
27.5°	5.4	6.5	7.6	8.6	9.7	10.8	11.7	12.6	13.5	14.5	15.5
30°	5.9	7.1	8.2	9.3	10.4	11.5	12.7	13.8	14.9	15.9	16.8
32.5°	6.3	7.6	8.9	10.2	11.4	12.5	13.6	14.7	15.9	17.1	18.3
35°	6.9	8.2	9.5	10.7	12.0	13.4	14.7	16.0	17.1	18.2	19.7
37.5°	7.3	8.8	10.2	11.7	13.0	14.3	15.5	16.9	18.3	20.2	22.0
40°	7.6	9.2	10.7	12.2	13.8	15.4	16.8	18.1	19.7	21.6	23.7
42.5°	8.1	9.7	11.2	12.8	14.4	16.0	17.7	19.4	21.2	23.0	24.9
45°	8.4	10.3	12.1	13.7	15.2	16.6	18.2	20.0	22.0	24.0	26.1
47.5°	8.4	10.1	12.0	14.0	16.1	17.4	18.7	20.3	22.3	24.6	26.9
50°	8.5	10.4	12.3	14.1	15.4	17.1	19.0	20.6	22.4	24.7	27.3
52.5°	8.4	10.1	12.1	13.8	15.3	16.6	18.3	20.4	22.5	24.6	27.3
55°	8.4	10.3	12.0	13.2	14.7	16.3	17.9	19.7	22.0	24.5	27.1
57.5°	7.9	9.9	11.4	12.9	14.3	15.9	17.6	19.3	21.4	24.0	26.8
60°	7.3	9.0	10.6	12.2	13.8	15.4	17.3	19.1	21.0	23.3	27.4
62.5°	7.3	8.6	9.9	11.5	13.2	14.9	16.8	18.9	21.3	24.7	28.7
65°	6.4	8.2	10.0	11.3	12.8	14.6	16.3	19.2	22.7	26.2	30.2
67.5°	5.6	7.3	9.2	11.4	12.9	14.5	17.1	20.0	23.6	27.5	31.8
70°	5.0	6.7	8.6	10.7	13.2	15.3	17.8	20.8	24.3	28.6	33.2
72.5°	4.3	6.0	8.2	10.4	12.9	15.8	18.6	21.6	25.2	29.5	34.5
75°	3.6	5.5	7.3	10.2	12.8	15.8	19.1	22.5	26.1	30.4	35.6
77.5°	2.5	4.5	6.4	9.2	12.8	15.9	19.3	23.4	27.1	31.3	36.2
80°	1.4	2.9	5.5	8.1	12.4	16.1	19.5	23.4	27.5	31.8	36.6
82.5°	0.7	1.9	4.3	7.5	11.6	15.8	19.3	23.3	27.9	32.4	37.4
85°	0.3	1.4	3.8	7.1	11.0	15.7	19.4	23.3	28.4	33.3	38.5
87.5°	0.1	1.0	3.7	7.0	10.9	15.8	19.7	23.7	29.1	34.4	39.9
90°	0.0	0.8	4.1	7.3	11.4	16.3	20.3	24.4	30.1	35.8	41.5
92.5°	0.1	1.0	3.7	7.0	10.9	15.8	19.7	23.7	29.1	34.4	39.9
95°	0.3	1.4	3.8	7.1	11.0	15.7	19.4	23.3	28.4	33.3	38.5
97.5°	0.7	1.9	4.3	7.5	11.6	15.8	19.3	23.3	27.9	32.4	37.4
100°	1.4	2.9	5.5	8.1	12.4	16.1	19.5	23.4	27.5	31.8	36.6
102.5°	2.5	4.5	6.4	9.2	12.8	15.9	19.3	23.4	27.1	31.3	36.2
105°	3.6	5.5	7.3	10.2	12.8	15.8	19.1	22.5	26.1	30.4	35.6
107.5°	4.3	6.0	8.2	10.4	12.9	15.8	18.6	21.6	25.2	29.5	34.5
110°	5.0	6.7	8.6	10.7	13.2	15.3	17.8	20.8	24.3	28.6	33.2



TEST NUMBER: P232021

CATALOG NUMBER: FVS4WM-3-LD4-35-1STD-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°	5.6	7.3	9.2	11.4	12.9	14.5	17.1	20.0	23.6	27.5	31.8
115°	6.4	8.2	10.0	11.3	12.8	14.6	16.3	19.2	22.7	26.2	30.2
117.5°	7.3	8.6	9.9	11.5	13.2	14.9	16.8	18.9	21.3	24.7	28.7
120°	7.3	9.0	10.6	12.2	13.8	15.4	17.3	19.1	21.0	23.3	27.4
122.5°	7.9	9.9	11.4	12.9	14.3	15.9	17.6	19.3	21.4	24.0	26.8
125°	8.4	10.3	12.0	13.2	14.7	16.3	17.9	19.7	22.0	24.5	27.1
127.5°	8.4	10.1	12.1	13.8	15.3	16.6	18.3	20.4	22.5	24.6	27.3
130°	8.5	10.4	12.3	14.1	15.4	17.1	19.0	20.6	22.4	24.7	27.3
132.5°	8.4	10.1	12.0	14.0	16.1	17.4	18.7	20.3	22.3	24.6	26.9
135°	8.4	10.3	12.1	13.7	15.2	16.6	18.2	20.0	22.0	24.0	26.1
137.5°	8.1	9.7	11.2	12.8	14.4	16.0	17.7	19.4	21.2	23.0	24.9
140°	7.6	9.2	10.7	12.2	13.8	15.4	16.8	18.1	19.7	21.6	23.7
142.5°	7.3	8.8	10.2	11.7	13.0	14.3	15.5	16.9	18.3	20.2	22.0
145°	6.9	8.2	9.5	10.7	12.0	13.4	14.7	16.0	17.1	18.2	19.7
147.5°	6.3	7.6	8.9	10.2	11.4	12.5	13.6	14.7	15.9	17.1	18.3
150°	5.9	7.1	8.2	9.3	10.4	11.5	12.7	13.8	14.9	15.9	16.8
152.5°	5.4	6.5	7.6	8.6	9.7	10.8	11.7	12.6	13.5	14.5	15.5
155°	5.0	6.0	6.9	7.9	8.8	9.7	10.6	11.6	12.5	13.5	14.5
157.5°	4.5	5.4	6.3	7.2	8.0	8.9	9.8	10.8	11.7	12.7	13.7
160°	4.1	5.0	5.8	6.7	7.5	8.4	9.2	10.1	10.9	11.7	12.5
162.5°	3.8	4.6	5.3	6.1	6.8	7.6	8.3	9.1	9.8	10.6	11.4
165°	3.4	4.1	4.8	5.4	6.1	6.8	7.5	8.2	8.9	9.5	10.2
167.5°	3.0	3.6	4.2	4.8	5.4	6.0	6.6	7.2	7.7	8.3	8.9
170°	2.5	3.0	3.5	4.0	4.5	5.0	5.5	5.9	6.4	6.8	7.3
172.5°	1.9	2.3	2.7	3.1	3.5	3.8	4.2	4.5	4.9	5.2	5.6
175°	1.3	1.6	1.9	2.1	2.4	2.6	2.9	3.1	3.4	3.6	3.8
177.5°	0.7	0.8	1.0	1.1	1.3	1.4	1.5	1.7	1.8	1.9	2.0
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: P232021

CATALOG NUMBER: FVS4WM-3-LD4-35-1STD-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°	2.1	2.3	2.4	2.5	2.6	2.7	2.8	2.9	3.0	3.1	3.1
5°	4.1	4.3	4.5	4.7	4.9	5.1	5.3	5.5	5.6	5.8	6.0
7.5°	5.9	6.2	6.5	6.8	7.1	7.4	7.7	8.0	8.2	8.5	8.7
10°	7.7	8.1	8.5	8.9	9.3	9.6	10.0	10.3	10.7	11.0	11.4
12.5°	9.4	9.9	10.4	10.9	11.4	11.9	12.3	12.7	13.1	13.5	13.9
15°	10.9	11.6	12.2	12.9	13.5	14.0	14.6	15.1	15.6	16.0	16.5
17.5°	12.2	12.9	13.7	14.5	15.2	16.0	16.7	17.4	17.9	18.5	19.0
20°	13.3	14.2	15.0	15.9	16.8	17.7	18.6	19.4	20.3	20.9	21.5
22.5°	14.6	15.5	16.4	17.2	18.2	19.2	20.2	21.2	22.2	23.2	24.0
25°	15.6	16.7	17.8	18.7	19.7	20.6	21.8	22.9	24.0	25.2	27.3
27.5°	16.5	17.5	18.8	20.0	21.2	22.3	24.3	26.7	29.3	31.9	34.7
30°	17.6	18.7	19.8	21.7	24.2	26.8	29.3	31.9	34.8	38.0	41.3
32.5°	19.3	20.9	22.8	25.2	27.6	30.5	33.6	36.7	39.8	43.3	47.3
35°	21.8	24.0	26.0	28.2	30.9	33.8	37.1	40.7	44.4	48.2	52.6
37.5°	23.9	26.2	28.6	31.1	33.7	36.8	40.3	44.2	48.4	52.7	57.3
40°	25.9	28.1	30.7	33.5	36.4	39.5	43.1	47.2	51.9	56.8	61.9
42.5°	27.3	29.8	32.5	35.4	38.6	42.0	45.6	50.1	54.9	60.4	66.1
45°	28.4	31.1	33.9	37.0	40.4	44.1	48.1	52.4	57.8	63.7	69.9
47.5°	29.3	32.0	35.1	38.3	42.0	46.0	50.2	54.9	60.4	66.6	73.5
50°	29.9	32.8	36.0	39.5	43.3	47.6	52.2	57.3	63.4	69.7	75.9
52.5°	30.4	33.3	36.7	40.4	44.4	50.0	56.2	62.2	68.2	73.8	78.9
55°	30.3	33.8	37.4	42.5	48.2	54.1	60.8	67.3	73.5	78.9	83.0
57.5°	30.1	35.0	40.0	45.2	51.5	58.1	65.1	72.4	79.2	84.5	88.0
60°	31.9	36.7	42.3	47.9	54.4	61.7	69.2	77.3	84.6	90.3	93.7
62.5°	33.4	38.5	44.2	50.4	56.8	65.1	73.2	81.8	90.0	96.5	100.2
65°	34.9	40.3	45.9	52.7	59.5	68.0	77.1	86.3	95.4	103.0	107.2
67.5°	36.3	42.0	47.9	54.8	62.3	70.6	80.8	90.6	100.9	109.3	113.6
70°	38.1	43.6	50.0	56.8	64.9	73.1	84.3	95.0	105.9	114.7	118.4
72.5°	39.9	45.3	52.0	58.9	67.4	75.5	86.1	96.6	106.4	113.9	117.3
75°	41.7	46.7	52.9	59.5	67.4	76.2	86.5	97.3	106.8	113.7	116.6
77.5°	41.7	47.1	53.0	59.7	67.6	76.8	87.3	98.3	107.8	114.1	116.1
80°	42.0	47.6	53.3	60.1	68.0	77.6	88.5	99.7	109.2	114.9	115.8
82.5°	42.6	48.4	54.0	60.8	68.6	78.5	90.0	101.4	111.0	116.0	115.7
85°	43.5	49.3	54.9	61.6	69.5	79.6	91.9	103.3	113.1	117.4	115.6
87.5°	44.8	50.5	56.2	62.8	70.7	81.1	94.1	105.6	115.4	118.8	115.5
90°	46.3	52.0	57.7	64.2	72.3	82.9	96.7	108.1	117.9	120.3	115.4
92.5°	44.8	50.5	56.2	62.8	70.7	81.1	94.1	105.6	115.4	118.8	115.5
95°	43.5	49.3	54.9	61.6	69.5	79.6	91.9	103.3	113.1	117.4	115.6
97.5°	42.6	48.4	54.0	60.8	68.6	78.5	90.0	101.4	111.0	116.0	115.7
100°	42.0	47.6	53.3	60.1	68.0	77.6	88.5	99.7	109.2	114.9	115.8
102.5°	41.7	47.1	53.0	59.7	67.6	76.8	87.3	98.3	107.8	114.1	116.1
105°	41.7	46.7	52.9	59.5	67.4	76.2	86.5	97.3	106.8	113.7	116.6
107.5°	39.9	45.3	52.0	58.9	67.4	75.5	86.1	96.6	106.4	113.9	117.3
110°	38.1	43.6	50.0	56.8	64.9	73.1	84.3	95.0	105.9	114.7	118.4



TEST NUMBER: P232021

CATALOG NUMBER: FVS4WM-3-LD4-35-1STD-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
112.5°	36.3	42.0	47.9	54.8	62.3	70.6	80.8	90.6	100.9	109.3	113.6
115°	34.9	40.3	45.9	52.7	59.5	68.0	77.1	86.3	95.4	103.0	107.2
117.5°	33.4	38.5	44.2	50.4	56.8	65.1	73.2	81.8	90.0	96.5	100.2
120°	31.9	36.7	42.3	47.9	54.4	61.7	69.2	77.3	84.6	90.3	93.7
122.5°	30.1	35.0	40.0	45.2	51.5	58.1	65.1	72.4	79.2	84.5	88.0
125°	30.3	33.8	37.4	42.5	48.2	54.1	60.8	67.3	73.5	78.9	83.0
127.5°	30.4	33.3	36.7	40.4	44.4	50.0	56.2	62.2	68.2	73.8	78.9
130°	29.9	32.8	36.0	39.5	43.3	47.6	52.2	57.3	63.4	69.7	75.9
132.5°	29.3	32.0	35.1	38.3	42.0	46.0	50.2	54.9	60.4	66.6	73.5
135°	28.4	31.1	33.9	37.0	40.4	44.1	48.1	52.4	57.8	63.7	69.9
137.5°	27.3	29.8	32.5	35.4	38.6	42.0	45.6	50.1	54.9	60.4	66.1
140°	25.9	28.1	30.7	33.5	36.4	39.5	43.1	47.2	51.9	56.8	61.9
142.5°	23.9	26.2	28.6	31.1	33.7	36.8	40.3	44.2	48.4	52.7	57.3
145°	21.8	24.0	26.0	28.2	30.9	33.8	37.1	40.7	44.4	48.2	52.6
147.5°	19.3	20.9	22.8	25.2	27.6	30.5	33.6	36.7	39.8	43.3	47.3
150°	17.6	18.7	19.8	21.7	24.2	26.8	29.3	31.9	34.8	38.0	41.3
152.5°	16.5	17.5	18.8	20.0	21.2	22.3	24.3	26.7	29.3	31.9	34.7
155°	15.6	16.7	17.8	18.7	19.7	20.6	21.8	22.9	24.0	25.2	27.3
157.5°	14.6	15.5	16.4	17.2	18.2	19.2	20.2	21.2	22.2	23.2	24.0
160°	13.3	14.2	15.0	15.9	16.8	17.7	18.6	19.4	20.3	20.9	21.5
162.5°	12.2	12.9	13.7	14.5	15.2	16.0	16.7	17.4	17.9	18.5	19.0
165°	10.9	11.6	12.2	12.9	13.5	14.0	14.6	15.1	15.6	16.0	16.5
167.5°	9.4	9.9	10.4	10.9	11.4	11.9	12.3	12.7	13.1	13.5	13.9
170°	7.7	8.1	8.5	8.9	9.3	9.6	10.0	10.3	10.7	11.0	11.4
172.5°	5.9	6.2	6.5	6.8	7.1	7.4	7.7	8.0	8.2	8.5	8.7
175°	4.1	4.3	4.5	4.7	4.9	5.1	5.3	5.5	5.6	5.8	6.0
177.5°	2.1	2.3	2.4	2.5	2.6	2.7	2.8	2.9	3.0	3.1	3.1
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P232021

CATALOG NUMBER: FVS4WM-3-LD4-35-1STD-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°	3.2	3.3	3.3	3.4	3.5	3.5	3.5	3.6	3.6	3.6	4.1
5°	6.2	6.3	6.5	6.6	6.8	6.9	7.0	7.1	7.2	7.2	8.2
7.5°	9.0	9.2	9.4	9.7	9.9	10.1	10.3	10.5	10.7	10.8	12.3
10°	11.7	12.0	12.3	12.6	12.9	13.3	13.6	13.9	14.2	14.4	16.3
12.5°	14.3	14.7	15.1	15.5	15.8	16.3	16.8	17.2	17.7	18.1	20.4
15°	16.9	17.3	17.8	18.3	18.8	19.2	19.9	20.5	21.1	21.7	24.5
17.5°	19.6	20.0	20.5	21.1	21.6	22.2	22.9	23.7	24.5	25.3	28.5
20°	22.1	22.7	23.2	23.8	24.4	25.1	25.8	26.9	27.9	28.9	32.5
22.5°	24.7	25.3	25.9	26.5	27.2	28.0	28.8	30.0	31.2	32.5	36.5
25°	29.3	31.1	32.8	34.3	35.5	36.7	37.7	38.8	40.0	41.1	45.1
27.5°	37.4	39.8	42.1	44.0	45.3	46.5	47.2	47.9	48.8	49.7	53.6
30°	44.7	48.0	50.9	53.7	55.2	56.4	56.9	57.1	57.8	58.2	62.1
32.5°	51.3	55.4	59.3	62.8	65.0	66.4	66.7	66.6	66.7	66.8	70.5
35°	57.4	62.2	67.1	71.4	74.9	76.3	76.7	76.1	75.8	75.4	78.8
37.5°	62.8	68.5	74.3	79.6	84.9	86.3	86.9	85.8	84.9	84.0	87.0
40°	67.8	74.4	81.0	87.6	93.4	96.3	97.2	95.6	94.0	92.5	95.2
42.5°	72.2	79.7	87.4	95.4	101.9	106.3	107.6	105.5	103.2	101.1	103.3
45°	76.7	84.6	93.3	102.1	110.2	116.3	117.6	115.4	112.5	109.7	111.4
47.5°	80.7	87.8	96.0	104.3	112.1	119.0	120.6	120.0	119.0	118.8	123.5
50°	81.8	87.9	95.7	103.7	111.8	119.5	122.6	124.1	125.3	127.9	135.9
52.5°	83.9	89.2	95.7	103.4	111.5	119.5	124.4	127.8	131.4	137.1	148.6
55°	86.9	91.0	96.3	103.3	111.3	119.6	126.0	131.3	137.4	146.2	161.4
57.5°	90.7	93.5	97.2	103.5	111.3	119.8	127.4	134.5	143.1	155.3	174.4
60°	95.2	96.5	98.8	104.2	111.5	120.0	128.6	137.5	148.7	164.4	187.6
62.5°	100.3	100.2	101.2	105.3	111.9	120.3	129.6	140.2	154.2	173.6	200.8
65°	106.1	104.5	104.0	106.6	112.4	120.6	130.6	142.8	159.5	182.7	214.2
67.5°	112.3	109.3	107.2	108.2	113.1	121.0	131.5	145.2	164.8	191.8	227.7
70°	116.2	111.6	108.3	108.2	112.5	120.1	130.3	143.9	163.5	190.8	227.1
72.5°	115.6	111.0	107.9	107.6	111.6	119.1	129.1	142.6	162.1	189.8	226.3
75°	114.9	110.3	107.4	106.9	110.8	118.2	127.9	141.4	160.9	188.8	226.7
77.5°	114.1	109.4	106.8	106.4	110.0	117.4	126.9	140.3	159.6	187.8	225.4
80°	113.2	108.3	106.2	105.8	109.3	116.7	125.9	139.2	158.5	186.9	224.0
82.5°	112.3	107.1	105.5	105.3	108.7	116.0	125.0	138.2	157.4	185.9	222.7
85°	111.2	105.9	104.7	104.8	108.2	115.5	124.1	137.3	156.3	184.9	221.3
87.5°	110.1	104.5	104.0	104.4	107.7	115.0	123.4	136.5	155.3	183.9	220.0
90°	108.9	103.2	103.2	104.0	107.3	114.6	122.7	135.7	154.4	182.9	218.6
92.5°	110.1	104.5	104.0	104.4	107.7	115.0	123.4	136.5	155.3	183.9	220.0
95°	111.2	105.9	104.7	104.8	108.2	115.5	124.1	137.3	156.3	184.9	221.3
97.5°	112.3	107.1	105.5	105.3	108.7	116.0	125.0	138.2	157.4	185.9	222.7
100°	113.2	108.3	106.2	105.8	109.3	116.7	125.9	139.2	158.5	186.9	224.0
102.5°	114.1	109.4	106.8	106.4	110.0	117.4	126.9	140.3	159.6	187.8	225.4
105°	114.9	110.3	107.4	106.9	110.8	118.2	127.9	141.4	160.9	188.8	226.7
107.5°	115.6	111.0	107.9	107.6	111.6	119.1	129.1	142.6	162.1	189.8	226.3
110°	116.2	111.6	108.3	108.2	112.5	120.1	130.3	143.9	163.5	190.8	227.1





TEST NUMBER: P232021

CATALOG NUMBER: FVS4WM-3-LD4-35-1STD-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°	112.3	109.3	107.2	108.2	113.1	121.0	131.5	145.2	164.8	191.8	227.7
115°	106.1	104.5	104.0	106.6	112.4	120.6	130.6	142.8	159.5	182.7	214.2
117.5°	100.3	100.2	101.2	105.3	111.9	120.3	129.6	140.2	154.2	173.6	200.8
120°	95.2	96.5	98.8	104.2	111.5	120.0	128.6	137.5	148.7	164.4	187.6
122.5°	90.7	93.5	97.2	103.5	111.3	119.8	127.4	134.5	143.1	155.3	174.4
125°	86.9	91.0	96.3	103.3	111.3	119.6	126.0	131.3	137.4	146.2	161.4
127.5°	83.9	89.2	95.7	103.4	111.5	119.5	124.4	127.8	131.4	137.1	148.6
130°	81.8	87.9	95.7	103.7	111.8	119.5	122.6	124.1	125.3	127.9	135.9
132.5°	80.7	87.8	96.0	104.3	112.1	119.0	120.6	120.0	119.0	118.8	123.5
135°	76.7	84.6	93.3	102.1	110.2	116.3	117.6	115.4	112.5	109.7	111.4
137.5°	72.2	79.7	87.4	95.4	101.9	106.3	107.6	105.5	103.2	101.1	103.3
140°	67.8	74.4	81.0	87.6	93.4	96.3	97.2	95.6	94.0	92.5	95.2
142.5°	62.8	68.5	74.3	79.6	84.9	86.3	86.9	85.8	84.9	84.0	87.0
145°	57.4	62.2	67.1	71.4	74.9	76.3	76.7	76.1	75.8	75.4	78.8
147.5°	51.3	55.4	59.3	62.8	65.0	66.4	66.7	66.6	66.7	66.8	70.5
150°	44.7	48.0	50.9	53.7	55.2	56.4	56.9	57.1	57.8	58.2	62.1
152.5°	37.4	39.8	42.1	44.0	45.3	46.5	47.2	47.9	48.8	49.7	53.6
155°	29.3	31.1	32.8	34.3	35.5	36.7	37.7	38.8	40.0	41.1	45.1
157.5°	24.7	25.3	25.9	26.5	27.2	28.0	28.8	30.0	31.2	32.5	36.5
160°	22.1	22.7	23.2	23.8	24.4	25.1	25.8	26.9	27.9	28.9	32.5
162.5°	19.6	20.0	20.5	21.1	21.6	22.2	22.9	23.7	24.5	25.3	28.5
165°	16.9	17.3	17.8	18.3	18.8	19.2	19.9	20.5	21.1	21.7	24.5
167.5°	14.3	14.7	15.1	15.5	15.8	16.3	16.8	17.2	17.7	18.1	20.4
170°	11.7	12.0	12.3	12.6	12.9	13.3	13.6	13.9	14.2	14.4	16.3
172.5°	9.0	9.2	9.4	9.7	9.9	10.1	10.3	10.5	10.7	10.8	12.3
175°	6.2	6.3	6.5	6.6	6.8	6.9	7.0	7.1	7.2	7.2	8.2
177.5°	3.2	3.3	3.3	3.4	3.5	3.5	3.5	3.6	3.6	3.6	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: P232021

CATALOG NUMBER: FVS4WM-3-LD4-35-1STD-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°	4.6	5.1	5.5	6.0	6.4	6.8	7.3	7.7	8.1	8.4	8.8
5°	9.1	10.1	11.0	11.9	12.8	13.6	14.5	15.3	16.0	16.8	17.5
7.5°	13.7	15.1	16.5	17.8	19.1	20.4	21.7	23.2	24.6	26.0	27.4
10°	18.2	20.1	21.9	23.6	25.4	27.6	29.7	31.8	33.7	35.6	37.6
12.5°	22.7	25.0	27.2	29.7	32.5	35.3	37.9	40.5	42.9	45.2	47.4
15°	27.2	29.9	32.7	36.2	39.6	43.0	46.2	49.2	52.0	54.7	57.7
17.5°	31.7	34.8	38.6	42.8	46.9	50.8	54.3	57.7	61.1	64.2	67.1
20°	36.1	39.7	44.6	49.5	54.2	58.4	62.4	66.3	70.1	73.6	77.1
22.5°	40.5	45.1	50.7	56.2	61.2	65.9	70.5	74.9	79.2	83.1	86.0
25°	49.0	54.1	59.8	65.3	70.2	75.0	79.7	84.3	88.4	91.4	94.6
27.5°	57.5	63.1	69.0	74.5	79.7	84.8	89.9	94.5	97.9	101.2	102.5
30°	65.8	72.0	78.1	83.6	89.3	94.4	99.7	103.6	107.3	109.3	110.4
32.5°	74.4	80.6	86.6	92.4	98.1	103.7	108.6	112.6	115.5	117.2	118.6
35°	82.8	89.0	95.0	101.0	106.9	113.0	117.1	121.2	123.5	125.4	126.9
37.5°	91.1	97.2	103.3	109.4	115.4	120.9	125.6	129.0	131.9	133.5	135.3
40°	99.3	105.2	111.4	117.6	123.7	129.0	133.7	137.0	139.6	141.6	144.3
42.5°	107.3	113.0	119.3	125.6	131.7	136.9	141.4	145.2	147.5	150.0	152.8
45°	115.2	120.8	127.1	133.4	139.4	144.8	149.3	152.9	155.4	158.1	161.4
47.5°	130.3	138.2	145.8	151.0	154.8	157.8	160.2	161.5	163.3	166.1	169.7
50°	146.2	157.1	167.2	172.2	174.9	176.4	177.3	177.5	178.0	178.9	180.5
52.5°	162.4	176.5	188.2	193.2	194.4	194.2	193.5	192.9	193.4	194.9	197.6
55°	178.9	196.3	209.2	213.6	213.3	211.0	209.1	208.3	208.8	210.7	214.7
57.5°	195.8	216.6	230.0	233.4	231.5	227.1	224.3	223.4	224.4	227.0	231.8
60°	212.9	237.1	250.8	252.7	248.9	242.6	239.0	238.4	239.9	243.5	249.5
62.5°	230.2	258.0	271.5	271.8	265.7	258.0	253.6	253.2	255.3	260.0	267.0
65°	247.8	279.1	292.0	290.4	282.1	273.1	268.5	268.3	270.6	276.2	283.9
67.5°	265.5	300.4	312.5	308.9	298.0	287.9	283.3	283.4	286.5	292.6	300.3
70°	265.9	302.8	317.5	317.2	307.4	298.2	294.8	296.3	301.1	308.5	316.3
72.5°	265.6	303.7	320.7	323.8	314.6	305.8	303.2	305.8	311.6	319.2	327.9
75°	265.2	304.5	324.2	331.0	321.9	313.5	311.7	315.3	321.9	329.7	338.8
77.5°	264.6	305.0	328.0	338.7	329.5	321.3	320.2	324.9	332.0	340.0	349.6
80°	265.1	305.4	331.9	346.7	337.2	329.2	328.6	334.5	342.0	350.0	360.1
82.5°	263.6	306.7	336.8	354.9	345.2	337.2	337.1	344.0	351.9	359.7	370.4
85°	262.2	306.1	340.2	363.7	353.0	345.0	345.6	353.8	361.5	369.2	380.5
87.5°	260.7	305.4	343.6	371.6	361.4	353.4	354.0	363.0	371.1	378.6	390.5
90°	259.3	304.8	347.0	379.6	369.8	361.7	362.5	372.2	380.4	387.7	399.9
92.5°	260.7	305.4	343.6	371.6	361.4	353.4	354.0	363.0	371.1	378.6	390.5
95°	262.2	306.1	340.2	363.7	353.0	345.0	345.6	353.8	361.5	369.2	380.5
97.5°	263.6	306.7	336.8	354.9	345.2	337.2	337.1	344.0	351.9	359.7	370.4
100°	265.1	305.4	331.9	346.7	337.2	329.2	328.6	334.5	342.0	350.0	360.1
102.5°	264.6	305.0	328.0	338.7	329.5	321.3	320.2	324.9	332.0	340.0	349.6
105°	265.2	304.5	324.2	331.0	321.9	313.5	311.7	315.3	321.9	329.7	338.8
107.5°	265.6	303.7	320.7	323.8	314.6	305.8	303.2	305.8	311.6	319.2	327.9
110°	265.9	302.8	317.5	317.2	307.4	298.2	294.8	296.3	301.1	308.5	316.3



TEST NUMBER: P232021

CATALOG NUMBER: FVS4WM-3-LD4-35-1STD-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
112.5°	265.5	300.4	312.5	308.9	298.0	287.9	283.3	283.4	286.5	292.6	300.3
115°	247.8	279.1	292.0	290.4	282.1	273.1	268.5	268.3	270.6	276.2	283.9
117.5°	230.2	258.0	271.5	271.8	265.7	258.0	253.6	253.2	255.3	260.0	267.0
120°	212.9	237.1	250.8	252.7	248.9	242.6	239.0	238.4	239.9	243.5	249.5
122.5°	195.8	216.6	230.0	233.4	231.5	227.1	224.3	223.4	224.4	227.0	231.8
125°	178.9	196.3	209.2	213.6	213.3	211.0	209.1	208.3	208.8	210.7	214.7
127.5°	162.4	176.5	188.2	193.2	194.4	194.2	193.5	192.9	193.4	194.9	197.6
130°	146.2	157.1	167.2	172.2	174.9	176.4	177.3	177.5	178.0	178.9	180.5
132.5°	130.3	138.2	145.8	151.0	154.8	157.8	160.2	161.5	163.3	166.1	169.7
135°	115.2	120.8	127.1	133.4	139.4	144.8	149.3	152.9	155.4	158.1	161.4
137.5°	107.3	113.0	119.3	125.6	131.7	136.9	141.4	145.2	147.5	150.0	152.8
140°	99.3	105.2	111.4	117.6	123.7	129.0	133.7	137.0	139.6	141.6	144.3
142.5°	91.1	97.2	103.3	109.4	115.4	120.9	125.6	129.0	131.9	133.5	135.3
145°	82.8	89.0	95.0	101.0	106.9	113.0	117.1	121.2	123.5	125.4	126.9
147.5°	74.4	80.6	86.6	92.4	98.1	103.7	108.6	112.6	115.5	117.2	118.6
150°	65.8	72.0	78.1	83.6	89.3	94.4	99.7	103.6	107.3	109.3	110.4
152.5°	57.5	63.1	69.0	74.5	79.7	84.8	89.9	94.5	97.9	101.2	102.5
155°	49.0	54.1	59.8	65.3	70.2	75.0	79.7	84.3	88.4	91.4	94.6
157.5°	40.5	45.1	50.7	56.2	61.2	65.9	70.5	74.9	79.2	83.1	86.0
160°	36.1	39.7	44.6	49.5	54.2	58.4	62.4	66.3	70.1	73.6	77.1
162.5°	31.7	34.8	38.6	42.8	46.9	50.8	54.3	57.7	61.1	64.2	67.1
165°	27.2	29.9	32.7	36.2	39.6	43.0	46.2	49.2	52.0	54.7	57.7
167.5°	22.7	25.0	27.2	29.7	32.5	35.3	37.9	40.5	42.9	45.2	47.4
170°	18.2	20.1	21.9	23.6	25.4	27.6	29.7	31.8	33.7	35.6	37.6
172.5°	13.7	15.1	16.5	17.8	19.1	20.4	21.7	23.2	24.6	26.0	27.4
175°	9.1	10.1	11.0	11.9	12.8	13.6	14.5	15.3	16.0	16.8	17.5
177.5°	4.6	5.1	5.5	6.0	6.4	6.8	7.3	7.7	8.1	8.4	8.8
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P232021

CATALOG NUMBER: FVS4WM-3-LD4-35-1STD-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°	9.1	9.5	9.8	10.0	10.3	10.6	10.8	11.0	11.2	11.4	11.5
5°	18.3	19.1	19.9	20.6	21.3	21.9	22.5	23.0	23.5	23.9	24.3
7.5°	28.6	29.9	31.0	32.1	33.1	34.0	34.9	35.6	36.3	36.9	37.5
10°	39.1	40.7	42.1	43.5	44.8	46.1	47.2	48.1	48.9	49.6	50.2
12.5°	49.4	51.4	53.2	54.8	56.3	57.7	58.9	60.0	61.0	61.8	62.5
15°	59.7	61.9	64.0	65.9	67.7	69.1	70.4	71.6	72.7	73.7	74.6
17.5°	69.9	72.9	74.6	76.5	78.3	79.9	81.4	82.9	84.3	85.7	87.0
20°	79.7	82.1	84.4	86.4	88.0	89.6	91.2	93.0	95.0	97.0	99.0
22.5°	88.8	91.2	92.7	94.3	96.0	98.0	100.1	102.4	105.0	108.2	111.4
25°	96.4	97.7	99.4	101.0	103.0	105.2	108.7	112.4	116.1	120.1	124.4
27.5°	103.3	103.9	104.6	106.4	109.8	113.7	118.1	122.5	127.5	132.5	137.7
30°	111.4	112.3	113.4	115.8	118.1	121.8	127.3	132.8	138.8	144.9	151.3
32.5°	119.8	121.4	124.0	126.8	130.5	134.2	138.3	143.0	150.1	158.8	167.3
35°	128.7	131.5	134.6	138.6	142.8	147.5	152.1	159.0	165.5	176.0	189.7
37.5°	138.2	141.4	145.6	150.1	155.3	161.5	169.2	178.1	190.6	204.0	217.0
40°	147.3	151.5	156.2	161.7	169.0	177.5	189.5	203.3	218.7	234.9	250.9
42.5°	156.7	161.2	167.0	174.6	183.9	197.6	212.5	230.9	250.5	268.2	286.9
45°	165.5	171.2	178.4	188.5	202.6	218.5	239.1	259.5	280.8	302.8	326.5
47.5°	174.7	180.7	191.3	204.9	221.5	243.4	265.7	288.7	314.1	340.6	367.1
50°	184.0	192.6	204.7	222.0	243.8	267.5	292.1	319.9	350.7	379.1	408.0
52.5°	201.9	210.3	223.2	240.6	266.9	291.4	320.3	353.8	385.1	417.3	449.5
55°	221.3	231.1	246.0	266.7	290.0	315.9	349.8	385.1	420.0	454.4	489.8
57.5°	239.9	251.8	268.8	290.7	314.7	346.0	380.5	416.7	453.0	489.8	528.0
60°	258.3	270.9	290.5	313.1	340.3	373.1	409.1	446.2	483.5	521.8	562.4
62.5°	276.7	290.5	310.3	333.5	363.9	398.1	434.8	472.7	509.9	549.1	593.1
65°	293.9	309.0	329.1	353.9	384.9	419.7	458.0	494.5	532.0	573.4	622.1
67.5°	309.8	325.6	346.0	372.5	403.9	439.5	477.4	512.0	549.8	596.6	658.6
70°	325.5	340.8	361.3	388.6	420.0	457.2	491.8	526.1	566.5	618.7	693.0
72.5°	339.1	355.2	375.8	402.6	433.7	474.0	502.6	536.4	580.7	643.5	720.6
75°	351.6	367.7	386.9	411.6	443.2	479.4	510.0	544.2	590.9	662.5	742.4
77.5°	363.7	378.7	395.5	418.1	448.7	481.9	514.0	552.9	607.3	679.3	759.7
80°	375.4	388.5	402.1	422.5	451.4	483.2	516.7	559.5	620.7	695.5	783.5
82.5°	386.7	397.2	407.0	425.0	451.7	483.3	517.7	563.9	629.9	707.0	800.2
85°	397.5	405.1	410.7	426.0	449.9	482.1	517.2	565.9	634.9	713.7	809.8
87.5°	408.2	412.5	413.6	426.2	447.0	480.2	515.9	566.8	637.6	717.8	815.6
90°	417.8	419.4	416.1	425.1	442.1	475.5	511.2	562.4	632.3	712.0	807.9
92.5°	408.2	412.5	413.6	426.2	447.0	480.2	515.9	566.8	637.6	717.8	815.6
95°	397.5	405.1	410.7	426.0	449.9	482.1	517.2	565.9	634.9	713.7	809.8
97.5°	386.7	397.2	407.0	425.0	451.7	483.3	517.7	563.9	629.9	707.0	800.2
100°	375.4	388.5	402.1	422.5	451.4	483.2	516.7	559.5	620.7	695.5	783.5
102.5°	363.7	378.7	395.5	418.1	448.7	481.9	514.0	552.9	607.3	679.3	759.7
105°	351.6	367.7	386.9	411.6	443.2	479.4	510.0	544.2	590.9	662.5	742.4
107.5°	339.1	355.2	375.8	402.6	433.7	474.0	502.6	536.4	580.7	643.5	720.6
110°	325.5	340.8	361.3	388.6	420.0	457.2	491.8	526.1	566.5	618.7	693.0



TEST NUMBER: P232021

CATALOG NUMBER: FVS4WM-3-LD4-35-1STD-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°	309.8	325.6	346.0	372.5	403.9	439.5	477.4	512.0	549.8	596.6	658.6
115°	293.9	309.0	329.1	353.9	384.9	419.7	458.0	494.5	532.0	573.4	622.1
117.5°	276.7	290.5	310.3	333.5	363.9	398.1	434.8	472.7	509.9	549.1	593.1
120°	258.3	270.9	290.5	313.1	340.3	373.1	409.1	446.2	483.5	521.8	562.4
122.5°	239.9	251.8	268.8	290.7	314.7	346.0	380.5	416.7	453.0	489.8	528.0
125°	221.3	231.1	246.0	266.7	290.0	315.9	349.8	385.1	420.0	454.4	489.8
127.5°	201.9	210.3	223.2	240.6	266.9	291.4	320.3	353.8	385.1	417.3	449.5
130°	184.0	192.6	204.7	222.0	243.8	267.5	292.1	319.9	350.7	379.1	408.0
132.5°	174.7	180.7	191.3	204.9	221.5	243.4	265.7	288.7	314.1	340.6	367.1
135°	165.5	171.2	178.4	188.5	202.6	218.5	239.1	259.5	280.8	302.8	326.5
137.5°	156.7	161.2	167.0	174.6	183.9	197.6	212.5	230.9	250.5	268.2	286.9
140°	147.3	151.5	156.2	161.7	169.0	177.5	189.5	203.3	218.7	234.9	250.9
142.5°	138.2	141.4	145.6	150.1	155.3	161.5	169.2	178.1	190.6	204.0	217.0
145°	128.7	131.5	134.6	138.6	142.8	147.5	152.1	159.0	165.5	176.0	189.7
147.5°	119.8	121.4	124.0	126.8	130.5	134.2	138.3	143.0	150.1	158.8	167.3
150°	111.4	112.3	113.4	115.8	118.1	121.8	127.3	132.8	138.8	144.9	151.3
152.5°	103.3	103.9	104.6	106.4	109.8	113.7	118.1	122.5	127.5	132.5	137.7
155°	96.4	97.7	99.4	101.0	103.0	105.2	108.7	112.4	116.1	120.1	124.4
157.5°	88.8	91.2	92.7	94.3	96.0	98.0	100.1	102.4	105.0	108.2	111.4
160°	79.7	82.1	84.4	86.4	88.0	89.6	91.2	93.0	95.0	97.0	99.0
162.5°	69.9	72.9	74.6	76.5	78.3	79.9	81.4	82.9	84.3	85.7	87.0
165°	59.7	61.9	64.0	65.9	67.7	69.1	70.4	71.6	72.7	73.7	74.6
167.5°	49.4	51.4	53.2	54.8	56.3	57.7	58.9	60.0	61.0	61.8	62.5
170°	39.1	40.7	42.1	43.5	44.8	46.1	47.2	48.1	48.9	49.6	50.2
172.5°	28.6	29.9	31.0	32.1	33.1	34.0	34.9	35.6	36.3	36.9	37.5
175°	18.3	19.1	19.9	20.6	21.3	21.9	22.5	23.0	23.5	23.9	24.3
177.5°	9.1	9.5	9.8	10.0	10.3	10.6	10.8	11.0	11.2	11.4	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: P232021

CATALOG NUMBER: FVS4WM-3-LD4-35-1STD-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°	11.6	11.7	11.8	11.9	11.9	11.9	12.3	12.2	12.0	11.9	11.7
5°	24.6	24.9	25.1	25.3	25.4	25.5	25.5	25.4	25.7	25.4	25.1
7.5°	37.9	38.3	38.6	38.9	39.0	39.1	39.1	39.0	38.8	38.9	38.4
10°	50.7	51.1	51.4	51.6	51.7	51.7	51.5	51.3	51.0	51.0	50.3
12.5°	63.1	63.5	63.9	64.1	64.2	64.3	64.1	63.9	63.6	63.1	62.8
15°	75.5	76.4	77.3	78.0	78.6	79.2	79.6	79.9	80.0	80.0	80.2
17.5°	88.4	89.9	91.3	92.7	93.9	95.1	96.1	96.9	97.6	98.1	98.9
20°	101.0	103.2	105.6	107.9	110.0	112.0	113.8	115.4	116.8	117.9	119.4
22.5°	114.6	117.7	120.9	124.1	127.1	129.9	132.4	134.7	136.7	138.4	140.5
25°	128.7	132.8	136.8	140.9	144.8	148.5	151.9	155.0	157.8	160.2	162.2
27.5°	142.9	148.1	153.1	158.5	164.2	169.4	174.3	178.8	182.8	186.3	189.2
30°	158.3	165.6	172.7	179.6	187.7	195.1	201.6	207.4	212.4	216.5	219.9
32.5°	176.7	187.9	198.3	207.8	217.1	225.8	233.3	239.8	245.2	249.6	253.0
35°	202.6	215.9	228.6	240.0	250.3	259.5	267.1	273.3	278.1	281.6	283.9
37.5°	233.0	248.0	262.4	274.9	285.7	296.4	305.6	313.0	318.6	322.6	324.9
40°	267.4	284.1	300.8	316.1	329.4	342.0	354.2	364.9	373.8	380.8	385.8
42.5°	307.0	326.6	345.2	363.4	380.3	396.3	412.6	427.2	439.8	450.1	458.0
45°	349.3	371.5	392.2	414.4	436.2	459.1	477.5	496.8	513.9	528.4	540.1
47.5°	392.5	418.3	443.6	468.8	495.9	521.9	549.5	576.2	599.1	618.1	632.9
50°	437.5	466.7	497.1	527.0	564.9	601.3	636.4	671.3	700.5	724.0	741.5
52.5°	482.4	515.9	555.4	597.6	647.4	698.4	741.5	779.2	809.6	832.8	849.0
55°	526.4	569.2	617.4	674.8	736.1	800.7	851.1	883.0	907.0	925.3	937.8
57.5°	570.6	621.8	680.7	750.3	825.5	883.6	937.4	963.2	979.3	991.5	999.7
60°	611.7	670.4	744.1	818.5	888.0	946.1	990.9	1018.7	1033.2	1044.6	1052.6
62.5°	646.1	720.5	800.3	878.5	943.9	997.9	1037.6	1065.5	1080.1	1091.9	1100.3
65°	689.5	767.0	854.1	933.7	1000.7	1053.2	1083.6	1106.2	1120.4	1130.8	1138.7
67.5°	733.7	818.5	909.4	994.2	1060.8	1096.9	1122.1	1139.0	1152.6	1164.3	1172.9
70°	774.0	866.6	961.4	1051.5	1102.0	1130.6	1151.6	1168.0	1182.7	1193.7	1201.9
72.5°	808.9	907.0	1005.0	1079.9	1128.9	1156.5	1175.4	1191.8	1207.4	1216.5	1224.1
75°	838.8	938.7	1033.5	1108.0	1154.4	1176.3	1194.0	1211.1	1225.0	1234.5	1243.1
77.5°	860.5	961.6	1063.7	1136.0	1171.3	1193.1	1211.4	1229.3	1242.1	1252.2	1260.6
80°	881.9	984.6	1088.4	1159.2	1186.3	1208.7	1226.6	1242.6	1256.6	1267.5	1276.6
82.5°	900.3	1007.4	1108.8	1168.4	1196.9	1219.0	1236.4	1251.7	1265.8	1275.3	1287.1
85°	911.5	1020.1	1124.4	1174.7	1201.2	1223.9	1241.2	1257.0	1271.2	1281.9	1295.5
87.5°	919.0	1022.8	1133.2	1178.7	1202.0	1226.6	1241.8	1259.0	1273.6	1281.4	1296.0
90°	911.1	1016.0	1133.0	1179.3	1199.6	1226.5	1239.5	1258.2	1271.2	1281.7	1293.1
92.5°	919.0	1022.8	1133.2	1178.7	1202.0	1226.6	1241.8	1259.0	1273.6	1281.4	1296.0
95°	911.5	1020.1	1124.4	1174.7	1201.2	1223.9	1241.2	1257.0	1271.2	1281.9	1295.5
97.5°	900.3	1007.4	1108.8	1168.4	1196.9	1219.0	1236.4	1251.7	1265.8	1275.3	1287.1
100°	881.9	984.6	1088.4	1159.2	1186.3	1208.7	1226.6	1242.6	1256.6	1267.5	1276.6
102.5°	860.5	961.6	1063.7	1136.0	1171.3	1193.1	1211.4	1229.3	1242.1	1252.2	1260.6
105°	838.8	938.7	1033.5	1108.0	1154.4	1176.3	1194.0	1211.1	1225.0	1234.5	1243.1
107.5°	808.9	907.0	1005.0	1079.9	1128.9	1156.5	1175.4	1191.8	1207.4	1216.5	1224.1
110°	774.0	866.6	961.4	1051.5	1102.0	1130.6	1151.6	1168.0	1182.7	1193.7	1201.9



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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°	733.7	818.5	909.4	994.2	1060.8	1096.9	1122.1	1139.0	1152.6	1164.3	1172.9
115°	689.5	767.0	854.1	933.7	1000.7	1053.2	1083.6	1106.2	1120.4	1130.8	1138.7
117.5°	646.1	720.5	800.3	878.5	943.9	997.9	1037.6	1065.5	1080.1	1091.9	1100.3
120°	611.7	670.4	744.1	818.5	888.0	946.1	990.9	1018.7	1033.2	1044.6	1052.6
122.5°	570.6	621.8	680.7	750.3	825.5	883.6	937.4	963.2	979.3	991.5	999.7
125°	526.4	569.2	617.4	674.8	736.1	800.7	851.1	883.0	907.0	925.3	937.8
127.5°	482.4	515.9	555.4	597.6	647.4	698.4	741.5	779.2	809.6	832.8	849.0
130°	437.5	466.7	497.1	527.0	564.9	601.3	636.4	671.3	700.5	724.0	741.5
132.5°	392.5	418.3	443.6	468.8	495.9	521.9	549.5	576.2	599.1	618.1	632.9
135°	349.3	371.5	392.2	414.4	436.2	459.1	477.5	496.8	513.9	528.4	540.1
137.5°	307.0	326.6	345.2	363.4	380.3	396.3	412.6	427.2	439.8	450.1	458.0
140°	267.4	284.1	300.8	316.1	329.4	342.0	354.2	364.9	373.8	380.8	385.8
142.5°	233.0	248.0	262.4	274.9	285.7	296.4	305.6	313.0	318.6	322.6	324.9
145°	202.6	215.9	228.6	240.0	250.3	259.5	267.1	273.3	278.1	281.6	283.9
147.5°	176.7	187.9	198.3	207.8	217.1	225.8	233.3	239.8	245.2	249.6	253.0
150°	158.3	165.6	172.7	179.6	187.7	195.1	201.6	207.4	212.4	216.5	219.9
152.5°	142.9	148.1	153.1	158.5	164.2	169.4	174.3	178.8	182.8	186.3	189.2
155°	128.7	132.8	136.8	140.9	144.8	148.5	151.9	155.0	157.8	160.2	162.2
157.5°	114.6	117.7	120.9	124.1	127.1	129.9	132.4	134.7	136.7	138.4	140.5
160°	101.0	103.2	105.6	107.9	110.0	112.0	113.8	115.4	116.8	117.9	119.4
162.5°	88.4	89.9	91.3	92.7	93.9	95.1	96.1	96.9	97.6	98.1	98.9
165°	75.5	76.4	77.3	78.0	78.6	79.2	79.6	79.9	80.0	80.0	80.2
167.5°	63.1	63.5	63.9	64.1	64.2	64.3	64.1	63.9	63.6	63.1	62.8
170°	50.7	51.1	51.4	51.6	51.7	51.7	51.5	51.3	51.0	51.0	50.3
172.5°	37.9	38.3	38.6	38.9	39.0	39.1	39.1	39.0	38.8	38.9	38.4
175°	24.6	24.9	25.1	25.3	25.4	25.5	25.5	25.4	25.7	25.4	25.1
177.5°	11.6	11.7	11.8	11.9	11.9	11.9	12.3	12.2	12.0	11.9	11.7
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°	11.6	11.4
5°	24.7	24.4
7.5°	37.9	37.4
10°	49.5	48.8
12.5°	61.9	61.0
15°	79.5	78.8
17.5°	98.6	98.3
20°	119.4	119.5
22.5°	141.0	141.4
25°	164.1	165.0
27.5°	191.9	193.4
30°	222.9	224.3
32.5°	255.8	256.8
35°	285.5	285.3
37.5°	326.4	325.1
40°	389.8	389.3
42.5°	464.8	465.7
45°	550.4	553.5
47.5°	645.7	649.4
50°	756.1	759.1
52.5°	861.4	861.5
55°	947.4	946.1
57.5°	1005.8	1003.8
60°	1059.0	1057.4
62.5°	1105.2	1106.2
65°	1143.6	1145.2
67.5°	1178.3	1180.1
70°	1206.9	1208.6
72.5°	1230.2	1233.8
75°	1251.5	1257.3
77.5°	1269.4	1274.4
80°	1284.5	1287.4
82.5°	1295.9	1303.7
85°	1299.7	1305.3
87.5°	1304.8	1312.6
90°	1297.2	1310.2
92.5°	1304.8	1312.6
95°	1299.7	1305.3
97.5°	1295.9	1303.7
100°	1284.5	1287.4
102.5°	1269.4	1274.4
105°	1251.5	1257.3
107.5°	1230.2	1233.8
110°	1206.9	1208.6





TEST NUMBER: P232021

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**CANDELA DISTRIBUTION (continued):**

	357.5°	360°
112.5°	1178.3	1180.1
115°	1143.6	1145.2
117.5°	1105.2	1106.2
120°	1059.0	1057.4
122.5°	1005.8	1003.8
125°	947.4	946.1
127.5°	861.4	861.5
130°	756.1	759.1
132.5°	645.7	649.4
135°	550.4	553.5
137.5°	464.8	465.7
140°	389.8	389.3
142.5°	326.4	325.1
145°	285.5	285.3
147.5°	255.8	256.8
150°	222.9	224.3
152.5°	191.9	193.4
155°	164.1	165.0
157.5°	141.0	141.4
160°	119.4	119.5
162.5°	98.6	98.3
165°	79.5	78.8
167.5°	61.9	61.0
170°	49.5	48.8
172.5°	37.9	37.4
175°	24.7	24.4
177.5°	11.6	11.4
180°	0.0	0.0

(END OF REPORT)