

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: P231949

Luminaire Tested: **FVS4WM-4-LD4-35-1STD-P125-UNV-EDC1**

Issue Date: 3/3/2020



**Test Information**

Test Method: LM-79-08  
Report Number: P231949  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1706-121-13)  
Test Lab: INNOVATION CENTER(G3)  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: FAIL-SAFE  
Catalog Number: FVS4WM-4-LD4-35-1STD-P125-UNV-EDC1  
Description: FAILSAFE FVS LED FIXTURE  
4FT LENGTH, 1-MODULE LED WITH P125 LENS  
Light Source: (84) 3500K CCT, 80 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

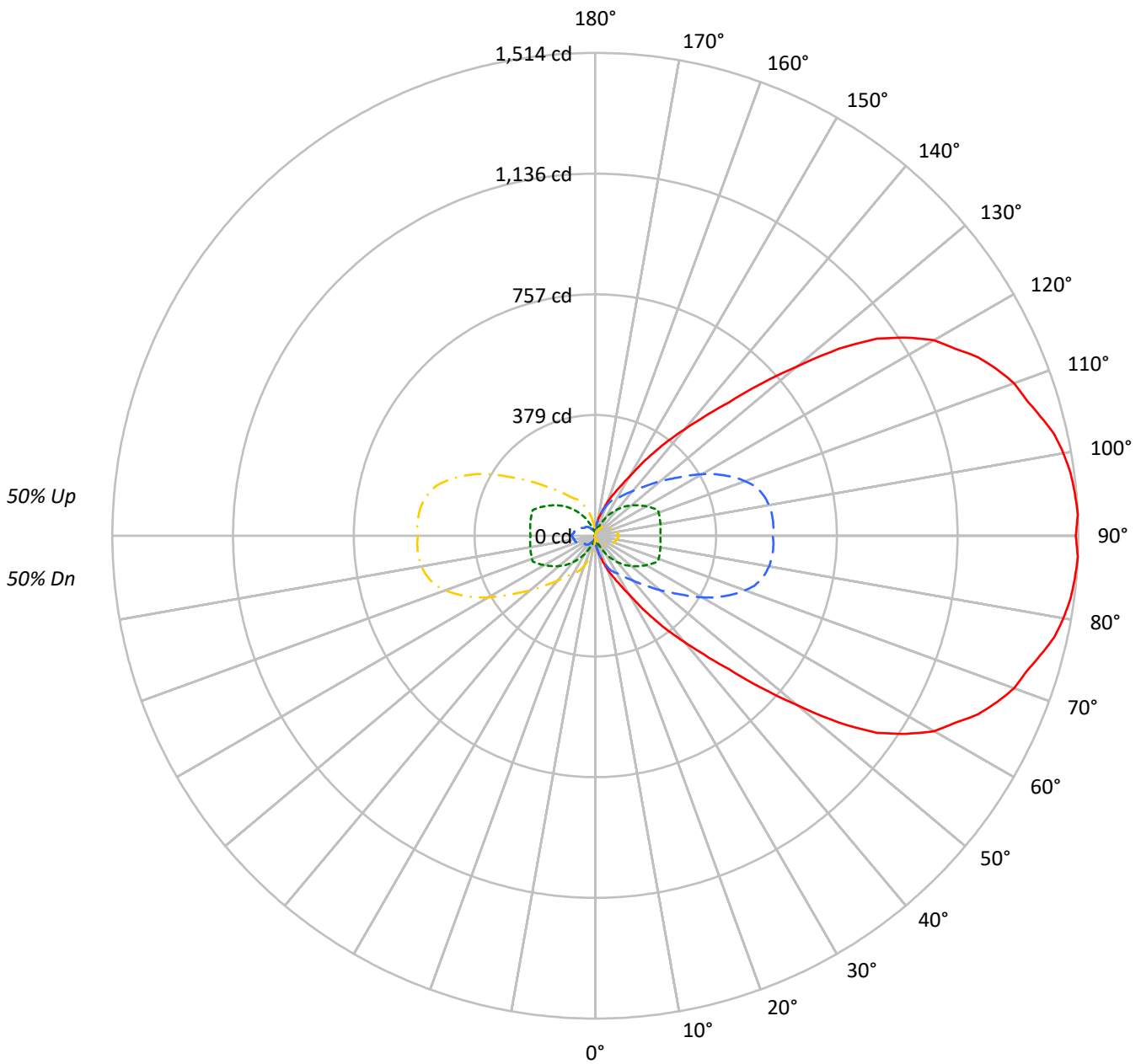
Lumens per Lamp: N/A  
Luminaire Lumens: 3540.3 lumens  
Efficiency: N/A  
Efficacy: 105.4 lumens/watt  
Spacing Criteria (0/90/45): 24.63 / 15.9 / 16.56  
Luminous Opening: Rectangular w/ Sides (W: 3.79' x L: 0.19' x H: 0.31')  
CIE Type: General Diffuse

Input Watts (W): 33.6  
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	53	72	63	55	48	51	45	39	40	35	31	30	26	23	18
3	71	59	49	41	64	53	44	37	43	36	30	33	28	23	24	20	17	12
4	64	50	40	33	58	46	37	30	37	30	24	28	23	18	21	16	13	9
5	58	44	34	27	53	40	31	24	32	25	19	25	19	15	18	14	10	6
6	53	39	29	22	48	35	27	20	28	21	16	22	16	12	16	12	8	5
7	49	35	25	19	44	32	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	36	23	16	11	19	13	9	15	10	6	11	7	4	2

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

	0°	90°	180°	270°
0°	12	12	12	12
5°	391	122	11	122
10°	644	232	10	232
15°	820	347	9	347
20°	1135	468	8	468
25°	1447	709	8	709
30°	1904	1091	7	1091
35°	2686	1513	7	1513
40°	3580	1995	7	1995
45°	4743	2554	6	2554
50°	6514	3164	6	3164
55°	8410	3920	6	3920
60°	9552	4886	6	4886
65°	10371	6177	13	6177
70°	11088	7620	13	7620
75°	11704	9359	13	9359
80°	12429	12311	0	12311
85°	13075	18364	0	18364



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	1.7	0.0
10°-20°	11.5	0.3
20°-30°	32.1	0.9
30°-40°	71.2	2.0
40°-50°	138.9	3.9
50°-60°	245.9	6.9
60°-70°	358.1	10.1
70°-80°	435.7	12.3
80°-90°	475.1	13.4
90°-100°	475.1	13.4
100°-110°	435.7	12.3
110°-120°	358.1	10.1
120°-130°	245.9	6.9
130°-140°	138.9	3.9
140°-150°	71.2	2.0
150°-160°	32.1	0.9
160°-170°	11.5	0.3
170°-180°	1.7	0.0
0°-30°	45.3	1.3
0°-40°	116.5	3.3
0°-60°	501.3	14.2
0°-90°	1770.2	50.0
90°-120°	1268.9	35.8
90°-150°	1724.9	48.7
90°-180°	1770.0	50.0
0°-180°	3540.3	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	1	1	1	1	1	
5°	30	8	1	8	30	4
15°	76	23	1	23	76	23
25°	154	44	1	44	154	74
35°	315	87	1	87	315	203
45°	591	129	1	129	591	475
55°	1077	166	1	166	1077	950
65°	1324	203	2	203	1324	1309
75°	1445	209	2	209	1445	1529
85°	1509	205	0	205	1509	1229
90°	1506	203	0	203	1506	828
95°	1509	205	0	205	1509	1229
105°	1445	209	2	209	1445	1529
115°	1324	203	2	203	1324	1309
125°	1077	166	1	166	1077	950
135°	591	129	1	129	591	475
145°	315	87	1	87	315	203
155°	154	44	1	44	154	74
165°	76	23	1	23	76	23
175°	30	8	1	8	30	4
180°	0	0	0	0	0	



TEST NUMBER: P231949

CATALOG NUMBER: FVS4WM-4-LD4-35-1STD-P125-UNV-EDC1

**CANDELA DISTRIBUTION (FULL):**

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
0°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
2.5°	13.6	13.8	13.9	14.0	14.2	14.3	14.5	14.0	14.0	13.9	13.9
5°	29.5	29.8	30.1	30.3	30.6	30.1	30.1	30.0	29.8	29.5	29.3
7.5°	42.3	42.8	43.2	43.7	43.6	43.7	43.7	43.7	43.6	43.3	43.1
10°	54.2	54.9	55.6	56.3	56.2	56.5	56.7	56.7	56.7	56.5	56.2
12.5°	63.0	64.1	65.2	65.8	66.6	67.2	67.7	68.0	68.3	68.4	68.3
15°	75.7	77.1	78.4	79.1	79.9	80.5	81.0	81.3	81.4	81.4	81.2
17.5°	93.3	94.5	95.8	96.0	96.4	96.7	96.8	96.7	96.5	96.1	95.6
20°	113.2	114.0	114.9	114.4	114.3	114.0	113.5	112.8	112.0	111.1	110.1
22.5°	133.1	133.5	133.8	132.7	132.0	131.1	130.0	128.7	127.2	125.7	124.0
25°	153.9	153.9	153.1	152.1	150.8	149.2	147.2	145.1	142.6	140.0	137.2
27.5°	179.4	179.0	177.4	175.7	173.4	170.7	167.6	164.1	160.3	156.1	152.2
30°	213.7	212.8	210.2	207.2	203.5	199.1	194.1	188.5	182.3	175.6	170.3
32.5°	262.3	260.6	256.2	251.3	245.3	238.2	230.1	221.2	211.4	202.1	193.9
35°	314.9	312.9	307.6	301.6	294.1	285.2	274.8	263.0	249.9	237.5	224.8
37.5°	374.7	372.3	365.8	358.5	349.3	338.3	325.6	311.2	295.5	279.8	262.8
40°	434.5	432.5	426.0	418.4	408.4	396.1	381.5	364.6	346.3	327.2	306.6
42.5°	506.2	504.8	497.6	488.8	477.0	462.2	444.2	423.3	402.4	379.6	354.5
45°	590.7	589.5	580.8	570.4	556.3	538.6	517.4	496.2	467.9	439.5	409.3
47.5°	705.5	701.4	686.9	670.5	650.1	626.1	599.1	570.7	540.8	507.7	474.5
50°	825.9	819.8	801.6	780.9	755.0	724.4	689.5	654.2	618.1	579.4	541.2
52.5°	963.0	955.9	933.3	907.4	874.4	834.8	789.0	745.7	698.4	651.3	607.1
55°	1077.0	1072.3	1052.8	1028.9	996.9	956.5	907.8	850.0	784.9	727.0	672.7
57.5°	1156.0	1156.7	1145.0	1128.7	1104.1	1070.6	1024.1	953.9	883.3	807.3	737.8
60°	1226.1	1226.9	1217.1	1204.9	1187.7	1166.0	1117.1	1046.6	969.0	886.5	807.5
62.5°	1270.8	1271.1	1267.3	1259.2	1246.8	1230.1	1182.0	1123.3	1045.7	960.9	872.6
65°	1324.2	1322.4	1316.1	1306.1	1293.0	1271.9	1234.8	1183.5	1111.6	1026.1	932.4
67.5°	1363.2	1361.0	1355.0	1345.7	1333.5	1314.3	1284.4	1239.2	1174.2	1086.9	989.0
70°	1397.5	1394.5	1387.8	1377.9	1364.8	1347.7	1328.2	1290.1	1234.3	1148.9	1048.3
72.5°	1416.7	1418.7	1416.0	1407.5	1392.1	1373.5	1354.1	1331.1	1279.9	1199.4	1101.3
75°	1444.6	1444.5	1440.9	1432.0	1416.4	1395.5	1374.5	1353.9	1319.6	1240.2	1141.3
77.5°	1473.3	1465.4	1457.0	1446.5	1431.6	1415.7	1396.2	1376.2	1343.6	1280.0	1172.9
80°	1490.0	1481.4	1469.1	1455.5	1440.7	1428.9	1414.8	1397.8	1370.3	1312.6	1201.7
82.5°	1502.8	1490.1	1477.8	1463.4	1453.2	1440.6	1426.5	1410.6	1385.3	1331.3	1232.1
85°	1509.1	1493.9	1480.8	1473.1	1462.3	1449.6	1433.5	1415.4	1392.3	1346.1	1250.1
87.5°	1513.9	1489.3	1487.0	1479.0	1464.8	1451.5	1436.0	1417.3	1395.8	1356.0	1255.7
90°	1505.9	1490.8	1483.6	1477.2	1461.3	1450.1	1435.8	1416.7	1395.1	1357.7	1249.2
92.5°	1513.9	1489.3	1487.0	1479.0	1464.8	1451.5	1436.0	1417.3	1395.8	1356.0	1255.7
95°	1509.1	1493.9	1480.8	1473.1	1462.3	1449.6	1433.5	1415.4	1392.3	1346.1	1250.1
97.5°	1502.8	1490.1	1477.8	1463.4	1453.2	1440.6	1426.5	1410.6	1385.3	1331.3	1232.1
100°	1490.0	1481.4	1469.1	1455.5	1440.7	1428.9	1414.8	1397.8	1370.3	1312.6	1201.7
102.5°	1473.3	1465.4	1457.0	1446.5	1431.6	1415.7	1396.2	1376.2	1343.6	1280.0	1172.9
105°	1444.6	1444.5	1440.9	1432.0	1416.4	1395.5	1374.5	1353.9	1319.6	1240.2	1141.3
107.5°	1416.7	1418.7	1416.0	1407.5	1392.1	1373.5	1354.1	1331.1	1279.9	1199.4	1101.3
110°	1397.5	1394.5	1387.8	1377.9	1364.8	1347.7	1328.2	1290.1	1234.3	1148.9	1048.3



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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°	1363.2	1361.0	1355.0	1345.7	1333.5	1314.3	1284.4	1239.2	1174.2	1086.9	989.0
115°	1324.2	1322.4	1316.1	1306.1	1293.0	1271.9	1234.8	1183.5	1111.6	1026.1	932.4
117.5°	1270.8	1271.1	1267.3	1259.2	1246.8	1230.1	1182.0	1123.3	1045.7	960.9	872.6
120°	1226.1	1226.9	1217.1	1204.9	1187.7	1166.0	1117.1	1046.6	969.0	886.5	807.5
122.5°	1156.0	1156.7	1145.0	1128.7	1104.1	1070.6	1024.1	953.9	883.3	807.3	737.8
125°	1077.0	1072.3	1052.8	1028.9	996.9	956.5	907.8	850.0	784.9	727.0	672.7
127.5°	963.0	955.9	933.3	907.4	874.4	834.8	789.0	745.7	698.4	651.3	607.1
130°	825.9	819.8	801.6	780.9	755.0	724.4	689.5	654.2	618.1	579.4	541.2
132.5°	705.5	701.4	686.9	670.5	650.1	626.1	599.1	570.7	540.8	507.7	474.5
135°	590.7	589.5	580.8	570.4	556.3	538.6	517.4	496.2	467.9	439.5	409.3
137.5°	506.2	504.8	497.6	488.8	477.0	462.2	444.2	423.3	402.4	379.6	354.5
140°	434.5	432.5	426.0	418.4	408.4	396.1	381.5	364.6	346.3	327.2	306.6
142.5°	374.7	372.3	365.8	358.5	349.3	338.3	325.6	311.2	295.5	279.8	262.8
145°	314.9	312.9	307.6	301.6	294.1	285.2	274.8	263.0	249.9	237.5	224.8
147.5°	262.3	260.6	256.2	251.3	245.3	238.2	230.1	221.2	211.4	202.1	193.9
150°	213.7	212.8	210.2	207.2	203.5	199.1	194.1	188.5	182.3	175.6	170.3
152.5°	179.4	179.0	177.4	175.7	173.4	170.7	167.6	164.1	160.3	156.1	152.2
155°	153.9	153.9	153.1	152.1	150.8	149.2	147.2	145.1	142.6	140.0	137.2
157.5°	133.1	133.5	133.8	132.7	132.0	131.1	130.0	128.7	127.2	125.7	124.0
160°	113.2	114.0	114.9	114.4	114.3	114.0	113.5	112.8	112.0	111.1	110.1
162.5°	93.3	94.5	95.8	96.0	96.4	96.7	96.8	96.7	96.5	96.1	95.6
165°	75.7	77.1	78.4	79.1	79.9	80.5	81.0	81.3	81.4	81.4	81.2
167.5°	63.0	64.1	65.2	65.8	66.6	67.2	67.7	68.0	68.3	68.4	68.3
170°	54.2	54.9	55.6	56.3	56.2	56.5	56.7	56.7	56.7	56.5	56.2
172.5°	42.3	42.8	43.2	43.7	43.6	43.7	43.7	43.7	43.6	43.3	43.1
175°	29.5	29.8	30.1	30.3	30.6	30.1	30.1	30.0	29.8	29.5	29.3
177.5°	13.6	13.8	13.9	14.0	14.2	14.3	14.5	14.0	14.0	13.9	13.9
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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**CANDELA DISTRIBUTION (continued):**

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
0°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
2.5°	13.8	13.6	13.5	13.3	13.1	12.8	12.6	12.3	12.0	11.7	11.4
5°	28.9	28.5	28.0	27.5	26.9	26.3	25.6	24.9	24.1	23.3	22.4
7.5°	42.7	42.2	41.7	41.1	40.4	39.6	38.8	37.9	36.9	35.7	34.4
10°	55.8	55.3	54.7	54.0	53.1	52.2	51.1	49.9	48.6	47.1	45.6
12.5°	68.2	67.8	67.4	66.7	65.9	64.7	63.4	61.9	60.4	58.6	56.8
15°	80.8	80.3	79.5	78.8	77.9	76.8	75.5	74.1	72.4	70.3	68.1
17.5°	95.0	94.3	93.5	92.4	91.2	89.7	88.1	86.3	84.3	82.1	79.6
20°	109.1	108.0	106.9	105.7	104.5	103.2	101.5	99.3	97.0	94.4	91.6
22.5°	122.3	120.8	119.2	117.6	116.1	114.6	113.1	111.5	110.0	107.0	103.9
25°	134.9	132.6	130.4	128.1	126.2	124.5	122.9	121.4	119.7	118.0	116.8
27.5°	148.6	145.0	141.2	137.9	135.3	132.9	131.0	129.2	127.8	126.5	124.9
30°	164.9	159.3	153.9	149.2	144.8	140.5	137.9	135.7	134.7	134.6	134.5
32.5°	185.3	176.4	169.0	162.4	155.6	150.3	147.1	144.7	144.0	143.2	142.9
35°	211.6	198.9	188.7	178.1	170.1	165.0	159.7	156.6	153.5	152.1	151.2
37.5°	244.6	228.6	213.0	201.2	191.2	181.8	175.1	169.3	164.9	161.7	159.7
40°	285.3	264.9	246.5	230.7	216.0	202.9	192.4	183.4	177.2	172.2	168.8
42.5°	330.6	308.8	286.6	265.8	246.1	228.3	211.8	200.5	190.2	183.6	178.6
45°	383.0	355.2	329.5	303.8	279.8	256.2	236.9	218.3	206.2	195.6	188.8
47.5°	440.6	406.6	375.1	343.8	315.6	288.4	263.1	241.8	222.4	209.6	199.8
50°	502.1	463.4	423.7	387.7	353.6	321.4	292.1	265.3	243.3	224.5	211.1
52.5°	562.5	519.7	476.8	433.3	393.0	355.9	321.7	291.3	264.8	241.6	229.5
55°	622.1	572.8	526.7	481.1	434.3	391.2	351.1	317.7	292.6	271.9	255.9
57.5°	680.0	625.1	572.8	524.4	476.8	427.7	387.5	352.7	323.5	301.3	283.6
60°	734.2	673.7	617.5	563.0	516.7	470.3	424.6	385.8	354.3	329.6	310.6
62.5°	789.3	716.3	658.1	604.5	553.4	507.5	460.6	418.6	383.3	354.8	336.0
65°	840.3	762.7	695.4	640.3	587.7	539.1	493.0	447.7	410.4	380.3	359.9
67.5°	895.2	809.6	734.7	670.7	616.7	566.7	520.8	475.7	436.5	404.5	381.2
70°	947.9	853.2	771.3	697.9	641.1	590.8	544.4	500.1	459.4	426.4	400.1
72.5°	993.3	891.7	801.9	724.8	660.7	609.7	564.3	522.3	479.5	446.7	420.1
75°	1033.8	924.8	826.8	745.7	675.5	624.3	579.4	535.9	495.5	462.7	437.7
77.5°	1065.8	950.5	847.1	764.4	691.1	633.5	587.6	546.1	507.6	475.9	453.0
80°	1089.4	978.9	873.8	782.4	703.1	639.4	592.7	553.1	516.9	486.7	466.4
82.5°	1112.4	1001.8	893.4	796.9	711.3	642.3	594.9	557.2	523.8	495.4	478.2
85°	1126.6	1015.4	905.7	807.2	715.7	642.2	594.6	558.8	528.5	502.4	488.7
87.5°	1131.6	1024.0	914.1	815.6	718.2	640.6	592.8	559.0	532.0	508.4	498.5
90°	1127.3	1015.7	908.8	812.4	711.9	633.8	587.6	556.5	533.3	513.4	507.8
92.5°	1131.6	1024.0	914.1	815.6	718.2	640.6	592.8	559.0	532.0	508.4	498.5
95°	1126.6	1015.4	905.7	807.2	715.7	642.2	594.6	558.8	528.5	502.4	488.7
97.5°	1112.4	1001.8	893.4	796.9	711.3	642.3	594.9	557.2	523.8	495.4	478.2
100°	1089.4	978.9	873.8	782.4	703.1	639.4	592.7	553.1	516.9	486.7	466.4
102.5°	1065.8	950.5	847.1	764.4	691.1	633.5	587.6	546.1	507.6	475.9	453.0
105°	1033.8	924.8	826.8	745.7	675.5	624.3	579.4	535.9	495.5	462.7	437.7
107.5°	993.3	891.7	801.9	724.8	660.7	609.7	564.3	522.3	479.5	446.7	420.1
110°	947.9	853.2	771.3	697.9	641.1	590.8	544.4	500.1	459.4	426.4	400.1





TEST NUMBER: P231949

CATALOG NUMBER: FVS4WM-4-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°	895.2	809.6	734.7	670.7	616.7	566.7	520.8	475.7	436.5	404.5	381.2
115°	840.3	762.7	695.4	640.3	587.7	539.1	493.0	447.7	410.4	380.3	359.9
117.5°	789.3	716.3	658.1	604.5	553.4	507.5	460.6	418.6	383.3	354.8	336.0
120°	734.2	673.7	617.5	563.0	516.7	470.3	424.6	385.8	354.3	329.6	310.6
122.5°	680.0	625.1	572.8	524.4	476.8	427.7	387.5	352.7	323.5	301.3	283.6
125°	622.1	572.8	526.7	481.1	434.3	391.2	351.1	317.7	292.6	271.9	255.9
127.5°	562.5	519.7	476.8	433.3	393.0	355.9	321.7	291.3	264.8	241.6	229.5
130°	502.1	463.4	423.7	387.7	353.6	321.4	292.1	265.3	243.3	224.5	211.1
132.5°	440.6	406.6	375.1	343.8	315.6	288.4	263.1	241.8	222.4	209.6	199.8
135°	383.0	355.2	329.5	303.8	279.8	256.2	236.9	218.3	206.2	195.6	188.8
137.5°	330.6	308.8	286.6	265.8	246.1	228.3	211.8	200.5	190.2	183.6	178.6
140°	285.3	264.9	246.5	230.7	216.0	202.9	192.4	183.4	177.2	172.2	168.8
142.5°	244.6	228.6	213.0	201.2	191.2	181.8	175.1	169.3	164.9	161.7	159.7
145°	211.6	198.9	188.7	178.1	170.1	165.0	159.7	156.6	153.5	152.1	151.2
147.5°	185.3	176.4	169.0	162.4	155.6	150.3	147.1	144.7	144.0	143.2	142.9
150°	164.9	159.3	153.9	149.2	144.8	140.5	137.9	135.7	134.7	134.6	134.5
152.5°	148.6	145.0	141.2	137.9	135.3	132.9	131.0	129.2	127.8	126.5	124.9
155°	134.9	132.6	130.4	128.1	126.2	124.5	122.9	121.4	119.7	118.0	116.8
157.5°	122.3	120.8	119.2	117.6	116.1	114.6	113.1	111.5	110.0	107.0	103.9
160°	109.1	108.0	106.9	105.7	104.5	103.2	101.5	99.3	97.0	94.4	91.6
162.5°	95.0	94.3	93.5	92.4	91.2	89.7	88.1	86.3	84.3	82.1	79.6
165°	80.8	80.3	79.5	78.8	77.9	76.8	75.5	74.1	72.4	70.3	68.1
167.5°	68.2	67.8	67.4	66.7	65.9	64.7	63.4	61.9	60.4	58.6	56.8
170°	55.8	55.3	54.7	54.0	53.1	52.2	51.1	49.9	48.6	47.1	45.6
172.5°	42.7	42.2	41.7	41.1	40.4	39.6	38.8	37.9	36.9	35.7	34.4
175°	28.9	28.5	28.0	27.5	26.9	26.3	25.6	24.9	24.1	23.3	22.4
177.5°	13.8	13.6	13.5	13.3	13.1	12.8	12.6	12.3	12.0	11.7	11.4
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: P231949

CATALOG NUMBER: FVS4WM-4-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°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
2.5°	11.0	10.7	10.3	9.9	9.4	9.0	8.5	8.1	7.6	7.1	6.6
5°	21.5	20.6	19.6	18.7	17.9	17.0	16.1	15.2	14.2	13.3	12.3
7.5°	33.0	31.6	30.1	28.6	27.0	25.4	23.7	22.2	20.8	19.4	17.9
10°	44.0	42.3	40.6	38.4	36.3	34.2	32.0	29.7	27.4	25.4	23.4
12.5°	54.8	52.6	50.3	47.9	45.4	42.8	40.1	37.3	34.4	31.5	28.9
15°	65.7	63.1	60.8	57.5	54.4	51.3	48.0	44.7	41.3	37.9	34.4
17.5°	77.3	73.9	70.6	67.2	63.6	59.9	56.0	52.0	48.1	44.1	40.2
20°	88.4	84.9	81.2	77.2	73.0	68.7	64.2	59.5	54.7	50.3	45.8
22.5°	100.5	96.5	92.2	87.5	82.7	77.7	72.5	67.1	61.6	56.2	51.3
25°	112.4	108.4	103.8	98.4	93.4	88.4	83.2	77.9	72.6	67.0	62.0
27.5°	123.9	121.0	116.9	112.6	107.3	101.8	96.3	90.5	84.7	78.9	73.3
30°	133.6	132.6	129.9	125.4	120.6	114.9	109.1	102.9	97.0	90.5	84.4
32.5°	142.7	141.9	140.7	137.7	132.9	127.5	121.5	115.1	108.4	101.9	95.5
35°	150.8	150.5	149.7	148.5	144.5	139.4	133.4	127.5	120.0	113.0	106.4
37.5°	158.8	158.4	158.2	157.2	156.1	150.5	144.8	138.5	131.5	123.8	117.2
40°	167.0	166.0	165.8	165.5	164.4	161.2	155.7	149.5	142.7	134.8	127.7
42.5°	175.3	173.9	173.1	173.2	172.6	171.5	166.0	160.1	153.7	145.6	138.0
45°	184.4	181.4	180.6	180.4	180.5	179.6	175.9	170.3	164.0	156.2	148.1
47.5°	192.9	189.8	188.0	187.4	187.7	188.8	190.2	187.6	184.2	178.3	169.5
50°	203.1	198.6	200.0	203.6	207.7	211.9	215.0	213.5	210.7	205.4	194.3
52.5°	222.2	219.9	221.4	224.6	229.2	234.3	238.4	238.9	236.8	233.1	219.6
55°	246.2	242.2	242.1	245.0	250.3	256.1	261.3	263.9	262.6	260.0	245.3
57.5°	271.0	263.8	262.2	265.5	271.0	277.5	283.9	288.5	288.1	286.1	271.4
60°	295.0	285.8	283.4	285.8	291.3	298.6	306.1	312.5	313.1	312.0	297.8
62.5°	320.0	309.1	304.4	305.6	311.2	319.4	327.9	335.4	337.9	337.6	324.4
65°	344.3	331.7	324.8	324.9	330.8	340.0	349.5	358.1	362.4	363.1	351.3
67.5°	367.1	353.6	344.9	344.7	350.8	360.4	370.8	380.6	386.6	388.4	378.4
70°	388.5	375.6	366.6	364.5	368.7	376.9	385.7	394.0	398.9	396.6	383.1
72.5°	406.1	392.9	381.9	378.1	380.9	387.6	394.9	402.1	407.1	401.5	384.6
75°	421.4	407.9	396.1	391.4	393.5	398.9	404.7	410.3	415.6	407.2	386.0
77.5°	436.5	422.7	409.7	404.5	406.3	410.5	414.9	418.5	424.5	413.4	387.2
80°	451.5	437.0	423.0	417.5	419.3	422.6	425.5	426.9	433.6	420.0	388.2
82.5°	466.1	451.0	435.8	430.3	432.5	434.9	436.4	435.4	442.9	426.8	390.6
85°	480.4	464.6	448.4	443.1	445.9	447.5	447.5	443.8	452.6	434.4	390.3
87.5°	494.6	477.9	460.7	455.9	459.3	460.1	458.6	452.7	461.5	440.4	390.1
90°	507.8	490.3	472.8	468.8	472.8	472.8	469.6	461.6	470.4	446.4	389.8
92.5°	494.6	477.9	460.7	455.9	459.3	460.1	458.6	452.7	461.5	440.4	390.1
95°	480.4	464.6	448.4	443.1	445.9	447.5	447.5	443.8	452.6	434.4	390.3
97.5°	466.1	451.0	435.8	430.3	432.5	434.9	436.4	435.4	442.9	426.8	390.6
100°	451.5	437.0	423.0	417.5	419.3	422.6	425.5	426.9	433.6	420.0	388.2
102.5°	436.5	422.7	409.7	404.5	406.3	410.5	414.9	418.5	424.5	413.4	387.2
105°	421.4	407.9	396.1	391.4	393.5	398.9	404.7	410.3	415.6	407.2	386.0
107.5°	406.1	392.9	381.9	378.1	380.9	387.6	394.9	402.1	407.1	401.5	384.6
110°	388.5	375.6	366.6	364.5	368.7	376.9	385.7	394.0	398.9	396.6	383.1



TEST NUMBER: P231949

CATALOG NUMBER: FVS4WM-4-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°	367.1	353.6	344.9	344.7	350.8	360.4	370.8	380.6	386.6	388.4	378.4
115°	344.3	331.7	324.8	324.9	330.8	340.0	349.5	358.1	362.4	363.1	351.3
117.5°	320.0	309.1	304.4	305.6	311.2	319.4	327.9	335.4	337.9	337.6	324.4
120°	295.0	285.8	283.4	285.8	291.3	298.6	306.1	312.5	313.1	312.0	297.8
122.5°	271.0	263.8	262.2	265.5	271.0	277.5	283.9	288.5	288.1	286.1	271.4
125°	246.2	242.2	242.1	245.0	250.3	256.1	261.3	263.9	262.6	260.0	245.3
127.5°	222.2	219.9	221.4	224.6	229.2	234.3	238.4	238.9	236.8	233.1	219.6
130°	203.1	198.6	200.0	203.6	207.7	211.9	215.0	213.5	210.7	205.4	194.3
132.5°	192.9	189.8	188.0	187.4	187.7	188.8	190.2	187.6	184.2	178.3	169.5
135°	184.4	181.4	180.6	180.4	180.5	179.6	175.9	170.3	164.0	156.2	148.1
137.5°	175.3	173.9	173.1	173.2	172.6	171.5	166.0	160.1	153.7	145.6	138.0
140°	167.0	166.0	165.8	165.5	164.4	161.2	155.7	149.5	142.7	134.8	127.7
142.5°	158.8	158.4	158.2	157.2	156.1	150.5	144.8	138.5	131.5	123.8	117.2
145°	150.8	150.5	149.7	148.5	144.5	139.4	133.4	127.5	120.0	113.0	106.4
147.5°	142.7	141.9	140.7	137.7	132.9	127.5	121.5	115.1	108.4	101.9	95.5
150°	133.6	132.6	129.9	125.4	120.6	114.9	109.1	102.9	97.0	90.5	84.4
152.5°	123.9	121.0	116.9	112.6	107.3	101.8	96.3	90.5	84.7	78.9	73.3
155°	112.4	108.4	103.8	98.4	93.4	88.4	83.2	77.9	72.6	67.0	62.0
157.5°	100.5	96.5	92.2	87.5	82.7	77.7	72.5	67.1	61.6	56.2	51.3
160°	88.4	84.9	81.2	77.2	73.0	68.7	64.2	59.5	54.7	50.3	45.8
162.5°	77.3	73.9	70.6	67.2	63.6	59.9	56.0	52.0	48.1	44.1	40.2
165°	65.7	63.1	60.8	57.5	54.4	51.3	48.0	44.7	41.3	37.9	34.4
167.5°	54.8	52.6	50.3	47.9	45.4	42.8	40.1	37.3	34.4	31.5	28.9
170°	44.0	42.3	40.6	38.4	36.3	34.2	32.0	29.7	27.4	25.4	23.4
172.5°	33.0	31.6	30.1	28.6	27.0	25.4	23.7	22.2	20.8	19.4	17.9
175°	21.5	20.6	19.6	18.7	17.9	17.0	16.1	15.2	14.2	13.3	12.3
177.5°	11.0	10.7	10.3	9.9	9.4	9.0	8.5	8.1	7.6	7.1	6.6
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: P231949

CATALOG NUMBER: FVS4WM-4-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°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
2.5°	6.0	5.5	5.0	4.4	4.4	4.4	4.4	4.3	4.3	4.2	4.2
5°	11.2	10.2	9.1	8.1	8.0	7.9	7.9	7.8	7.7	7.6	7.4
7.5°	16.4	14.8	13.3	11.7	11.6	11.5	11.3	11.1	10.9	10.7	10.5
10°	21.5	19.5	17.4	15.3	15.1	14.9	14.7	14.4	14.1	13.8	13.6
12.5°	26.5	24.0	21.5	19.0	18.7	18.3	18.0	17.6	17.2	17.0	16.7
15°	31.5	28.6	25.6	22.6	22.2	21.7	21.2	20.7	20.4	20.1	19.7
17.5°	36.4	33.0	29.7	26.2	25.6	25.0	24.4	23.9	23.5	23.1	22.7
20°	41.3	37.5	33.7	29.9	29.1	28.3	27.5	27.1	26.7	26.2	25.7
22.5°	46.3	41.9	37.7	33.5	32.6	31.6	30.8	30.3	29.7	29.2	28.6
25°	57.1	52.4	48.4	44.1	43.2	42.1	41.2	40.4	39.2	37.7	36.1
27.5°	68.1	63.0	59.0	54.7	54.0	53.0	52.3	51.5	50.1	48.3	46.2
30°	79.0	73.5	69.5	65.4	64.7	63.9	63.5	62.8	60.9	58.8	55.8
32.5°	89.7	84.0	80.0	76.0	75.5	75.0	74.7	73.8	71.5	68.6	64.8
35°	100.3	94.5	90.4	86.6	86.4	86.1	86.1	84.7	82.0	78.0	73.4
37.5°	110.7	104.9	100.7	97.2	97.3	97.3	97.5	95.5	92.5	87.0	81.3
40°	121.0	115.2	110.9	107.9	108.2	108.6	109.0	106.2	101.9	95.6	88.6
42.5°	131.2	125.4	121.1	118.5	119.1	119.9	120.6	116.8	111.1	104.2	95.3
45°	141.4	135.5	131.3	129.1	130.1	131.2	131.4	127.3	120.1	111.4	101.6
47.5°	160.3	151.3	143.6	138.3	137.0	136.2	134.7	130.3	122.7	114.2	105.0
50°	181.0	167.8	156.2	147.5	143.7	140.7	136.9	131.2	123.1	114.4	105.8
52.5°	202.4	184.8	169.1	156.8	150.2	144.8	139.0	131.9	123.5	114.9	107.3
55°	224.6	202.3	182.1	166.0	156.5	148.6	140.9	132.7	124.1	115.9	109.3
57.5°	247.3	220.1	195.3	175.2	162.7	152.2	142.6	133.5	124.9	117.3	111.9
60°	270.6	238.2	208.7	184.4	168.7	155.5	144.2	134.5	126.1	119.4	115.3
62.5°	294.4	256.6	222.2	193.7	174.7	158.6	145.8	135.5	127.4	122.0	119.4
65°	318.6	275.2	235.8	202.9	180.5	161.6	147.2	136.5	129.0	124.9	124.0
67.5°	343.0	294.0	249.5	212.1	186.3	164.4	148.6	137.7	130.8	128.1	129.1
70°	345.5	294.9	249.1	211.1	184.9	163.2	147.6	136.9	130.5	128.7	130.8
72.5°	346.0	294.9	248.6	210.1	183.5	161.9	146.6	136.0	129.8	128.0	130.2
75°	346.2	294.8	249.3	209.2	182.2	160.7	145.6	135.1	129.1	127.3	129.5
77.5°	346.0	294.5	248.1	208.2	181.0	159.6	144.8	134.3	128.4	126.6	128.7
80°	345.5	295.5	247.0	207.2	179.7	158.6	144.0	133.6	127.8	125.9	127.8
82.5°	346.0	294.2	245.8	206.2	178.6	157.7	143.3	132.9	127.3	125.1	126.8
85°	344.2	292.9	244.7	205.3	177.5	156.9	142.8	132.4	126.8	124.3	125.8
87.5°	342.3	291.5	243.5	204.3	176.4	156.2	142.3	131.9	126.4	123.5	124.7
90°	340.4	290.2	242.4	203.3	175.4	155.5	141.9	131.5	126.0	122.8	123.6
92.5°	342.3	291.5	243.5	204.3	176.4	156.2	142.3	131.9	126.4	123.5	124.7
95°	344.2	292.9	244.7	205.3	177.5	156.9	142.8	132.4	126.8	124.3	125.8
97.5°	346.0	294.2	245.8	206.2	178.6	157.7	143.3	132.9	127.3	125.1	126.8
100°	345.5	295.5	247.0	207.2	179.7	158.6	144.0	133.6	127.8	125.9	127.8
102.5°	346.0	294.5	248.1	208.2	181.0	159.6	144.8	134.3	128.4	126.6	128.7
105°	346.2	294.8	249.3	209.2	182.2	160.7	145.6	135.1	129.1	127.3	129.5
107.5°	346.0	294.9	248.6	210.1	183.5	161.9	146.6	136.0	129.8	128.0	130.2
110°	345.5	294.9	249.1	211.1	184.9	163.2	147.6	136.9	130.5	128.7	130.8



TEST NUMBER: P231949

CATALOG NUMBER: FVS4WM-4-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°	343.0	294.0	249.5	212.1	186.3	164.4	148.6	137.7	130.8	128.1	129.1
115°	318.6	275.2	235.8	202.9	180.5	161.6	147.2	136.5	129.0	124.9	124.0
117.5°	294.4	256.6	222.2	193.7	174.7	158.6	145.8	135.5	127.4	122.0	119.4
120°	270.6	238.2	208.7	184.4	168.7	155.5	144.2	134.5	126.1	119.4	115.3
122.5°	247.3	220.1	195.3	175.2	162.7	152.2	142.6	133.5	124.9	117.3	111.9
125°	224.6	202.3	182.1	166.0	156.5	148.6	140.9	132.7	124.1	115.9	109.3
127.5°	202.4	184.8	169.1	156.8	150.2	144.8	139.0	131.9	123.5	114.9	107.3
130°	181.0	167.8	156.2	147.5	143.7	140.7	136.9	131.2	123.1	114.4	105.8
132.5°	160.3	151.3	143.6	138.3	137.0	136.2	134.7	130.3	122.7	114.2	105.0
135°	141.4	135.5	131.3	129.1	130.1	131.2	131.4	127.3	120.1	111.4	101.6
137.5°	131.2	125.4	121.1	118.5	119.1	119.9	120.6	116.8	111.1	104.2	95.3
140°	121.0	115.2	110.9	107.9	108.2	108.6	109.0	106.2	101.9	95.6	88.6
142.5°	110.7	104.9	100.7	97.2	97.3	97.3	97.5	95.5	92.5	87.0	81.3
145°	100.3	94.5	90.4	86.6	86.4	86.1	86.1	84.7	82.0	78.0	73.4
147.5°	89.7	84.0	80.0	76.0	75.5	75.0	74.7	73.8	71.5	68.6	64.8
150°	79.0	73.5	69.5	65.4	64.7	63.9	63.5	62.8	60.9	58.8	55.8
152.5°	68.1	63.0	59.0	54.7	54.0	53.0	52.3	51.5	50.1	48.3	46.2
155°	57.1	52.4	48.4	44.1	43.2	42.1	41.2	40.4	39.2	37.7	36.1
157.5°	46.3	41.9	37.7	33.5	32.6	31.6	30.8	30.3	29.7	29.2	28.6
160°	41.3	37.5	33.7	29.9	29.1	28.3	27.5	27.1	26.7	26.2	25.7
162.5°	36.4	33.0	29.7	26.2	25.6	25.0	24.4	23.9	23.5	23.1	22.7
165°	31.5	28.6	25.6	22.6	22.2	21.7	21.2	20.7	20.4	20.1	19.7
167.5°	26.5	24.0	21.5	19.0	18.7	18.3	18.0	17.6	17.2	17.0	16.7
170°	21.5	19.5	17.4	15.3	15.1	14.9	14.7	14.4	14.1	13.8	13.6
172.5°	16.4	14.8	13.3	11.7	11.6	11.5	11.3	11.1	10.9	10.7	10.5
175°	11.2	10.2	9.1	8.1	8.0	7.9	7.9	7.8	7.7	7.6	7.4
177.5°	6.0	5.5	5.0	4.4	4.4	4.4	4.4	4.3	4.3	4.2	4.2
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: P231949

CATALOG NUMBER: FVS4WM-4-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°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
2.5°	4.1	4.1	4.0	3.9	3.8	3.7	3.7	3.6	3.5	3.3	3.2
5°	7.3	7.1	7.0	6.8	6.6	6.5	6.3	6.1	5.9	5.7	5.5
7.5°	10.3	10.1	9.9	9.7	9.4	9.2	8.9	8.7	8.4	8.1	7.8
10°	13.3	13.1	12.8	12.5	12.2	11.8	11.5	11.1	10.7	10.3	9.9
12.5°	16.4	16.0	15.7	15.3	14.9	14.4	14.0	13.5	13.0	12.5	12.0
15°	19.3	18.9	18.4	18.0	17.5	17.0	16.4	15.8	15.3	14.7	14.0
17.5°	22.2	21.7	21.2	20.6	20.0	19.4	18.8	18.1	17.4	16.7	16.0
20°	25.1	24.5	23.9	23.2	22.5	21.8	21.1	20.3	19.5	18.7	17.9
22.5°	27.9	27.2	26.5	25.8	25.0	24.2	23.3	22.5	21.6	20.7	19.7
25°	34.2	32.2	30.2	28.3	27.4	26.5	25.5	24.6	23.6	22.5	21.5
27.5°	43.7	41.2	38.5	35.9	33.4	31.0	28.7	26.6	25.5	24.4	23.3
30°	52.6	49.3	45.9	42.7	39.6	36.8	34.0	31.5	29.1	26.8	25.0
32.5°	60.8	56.6	52.5	48.7	45.1	41.7	38.6	35.8	33.1	30.5	28.1
35°	68.3	63.2	58.4	53.9	49.8	46.0	42.6	39.4	36.5	33.7	31.1
37.5°	75.1	69.2	63.6	58.6	53.9	49.9	46.1	42.6	39.3	36.3	33.6
40°	81.3	74.6	68.3	62.6	57.7	53.2	49.1	45.3	41.8	38.7	36.1
42.5°	87.2	79.4	72.6	66.4	61.1	56.3	51.7	47.6	44.1	41.0	38.0
45°	92.5	84.0	76.2	70.0	64.2	58.9	54.1	49.8	46.2	42.7	39.4
47.5°	96.3	88.0	80.0	73.2	67.0	61.3	56.1	51.9	48.0	44.1	40.6
50°	97.8	90.6	84.1	77.5	70.7	63.7	58.3	53.7	49.3	45.2	41.4
52.5°	100.5	94.4	89.1	83.2	76.7	69.8	63.3	56.8	50.5	45.9	41.7
55°	103.9	99.3	94.9	89.7	83.2	76.2	69.2	62.2	55.3	48.6	42.3
57.5°	108.2	105.0	101.5	96.6	90.1	82.5	75.0	67.4	59.9	52.5	46.1
60°	113.1	111.5	108.6	103.7	96.8	88.7	80.6	72.4	64.1	56.4	49.6
62.5°	118.7	118.5	116.2	111.0	103.4	94.7	86.0	77.1	67.9	60.1	52.7
65°	125.0	125.9	124.4	118.7	109.9	100.7	91.3	81.5	71.9	63.6	55.6
67.5°	131.7	133.6	132.1	126.3	116.6	106.7	96.5	85.6	75.9	66.9	58.6
70°	134.9	138.3	138.0	132.9	123.1	112.7	101.7	89.6	79.7	70.1	61.4
72.5°	134.4	137.8	137.6	132.7	124.7	115.4	104.6	93.2	83.4	73.3	64.1
75°	133.8	137.4	137.5	133.3	126.1	117.0	106.0	94.6	84.2	74.5	65.7
77.5°	133.1	137.0	137.7	134.4	128.1	119.0	107.7	96.0	85.2	75.3	66.4
80°	132.3	136.8	138.2	136.1	130.5	121.4	109.8	97.6	86.5	76.3	67.4
82.5°	131.4	136.5	138.9	138.0	133.2	124.1	112.3	99.4	88.0	77.6	68.7
85°	130.5	136.3	139.6	140.3	136.2	127.1	115.2	101.5	89.9	79.3	70.4
87.5°	129.5	135.9	140.4	142.7	139.4	130.4	118.4	103.9	92.2	81.3	72.5
90°	128.4	135.5	141.1	145.1	142.7	133.9	122.0	106.8	94.9	83.7	74.9
92.5°	129.5	135.9	140.4	142.7	139.4	130.4	118.4	103.9	92.2	81.3	72.5
95°	130.5	136.3	139.6	140.3	136.2	127.1	115.2	101.5	89.9	79.3	70.4
97.5°	131.4	136.5	138.9	138.0	133.2	124.1	112.3	99.4	88.0	77.6	68.7
100°	132.3	136.8	138.2	136.1	130.5	121.4	109.8	97.6	86.5	76.3	67.4
102.5°	133.1	137.0	137.7	134.4	128.1	119.0	107.7	96.0	85.2	75.3	66.4
105°	133.8	137.4	137.5	133.3	126.1	117.0	106.0	94.6	84.2	74.5	65.7
107.5°	134.4	137.8	137.6	132.7	124.7	115.4	104.6	93.2	83.4	73.3	64.1
110°	134.9	138.3	138.0	132.9	123.1	112.7	101.7	89.6	79.7	70.1	61.4



TEST NUMBER: P231949

CATALOG NUMBER: FVS4WM-4-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°	131.7	133.6	132.1	126.3	116.6	106.7	96.5	85.6	75.9	66.9	58.6
115°	125.0	125.9	124.4	118.7	109.9	100.7	91.3	81.5	71.9	63.6	55.6
117.5°	118.7	118.5	116.2	111.0	103.4	94.7	86.0	77.1	67.9	60.1	52.7
120°	113.1	111.5	108.6	103.7	96.8	88.7	80.6	72.4	64.1	56.4	49.6
122.5°	108.2	105.0	101.5	96.6	90.1	82.5	75.0	67.4	59.9	52.5	46.1
125°	103.9	99.3	94.9	89.7	83.2	76.2	69.2	62.2	55.3	48.6	42.3
127.5°	100.5	94.4	89.1	83.2	76.7	69.8	63.3	56.8	50.5	45.9	41.7
130°	97.8	90.6	84.1	77.5	70.7	63.7	58.3	53.7	49.3	45.2	41.4
132.5°	96.3	88.0	80.0	73.2	67.0	61.3	56.1	51.9	48.0	44.1	40.6
135°	92.5	84.0	76.2	70.0	64.2	58.9	54.1	49.8	46.2	42.7	39.4
137.5°	87.2	79.4	72.6	66.4	61.1	56.3	51.7	47.6	44.1	41.0	38.0
140°	81.3	74.6	68.3	62.6	57.7	53.2	49.1	45.3	41.8	38.7	36.1
142.5°	75.1	69.2	63.6	58.6	53.9	49.9	46.1	42.6	39.3	36.3	33.6
145°	68.3	63.2	58.4	53.9	49.8	46.0	42.6	39.4	36.5	33.7	31.1
147.5°	60.8	56.6	52.5	48.7	45.1	41.7	38.6	35.8	33.1	30.5	28.1
150°	52.6	49.3	45.9	42.7	39.6	36.8	34.0	31.5	29.1	26.8	25.0
152.5°	43.7	41.2	38.5	35.9	33.4	31.0	28.7	26.6	25.5	24.4	23.3
155°	34.2	32.2	30.2	28.3	27.4	26.5	25.5	24.6	23.6	22.5	21.5
157.5°	27.9	27.2	26.5	25.8	25.0	24.2	23.3	22.5	21.6	20.7	19.7
160°	25.1	24.5	23.9	23.2	22.5	21.8	21.1	20.3	19.5	18.7	17.9
162.5°	22.2	21.7	21.2	20.6	20.0	19.4	18.8	18.1	17.4	16.7	16.0
165°	19.3	18.9	18.4	18.0	17.5	17.0	16.4	15.8	15.3	14.7	14.0
167.5°	16.4	16.0	15.7	15.3	14.9	14.4	14.0	13.5	13.0	12.5	12.0
170°	13.3	13.1	12.8	12.5	12.2	11.8	11.5	11.1	10.7	10.3	9.9
172.5°	10.3	10.1	9.9	9.7	9.4	9.2	8.9	8.7	8.4	8.1	7.8
175°	7.3	7.1	7.0	6.8	6.6	6.5	6.3	6.1	5.9	5.7	5.5
177.5°	4.1	4.1	4.0	3.9	3.8	3.7	3.7	3.6	3.5	3.3	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: P231949

CATALOG NUMBER: FVS4WM-4-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°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
2.5°	3.1	3.0	2.9	2.8	2.6	2.5	2.4	2.2	2.1	2.0	1.8
5°	5.3	5.1	4.8	4.6	4.4	4.1	3.9	3.6	3.3	3.1	2.8
7.5°	7.4	7.1	6.7	6.4	6.0	5.7	5.3	4.9	4.5	4.1	3.7
10°	9.5	9.0	8.6	8.1	7.6	7.1	6.6	6.1	5.6	5.1	4.6
12.5°	11.5	10.9	10.3	9.8	9.2	8.6	8.0	7.3	6.7	6.1	5.4
15°	13.4	12.7	12.0	11.4	10.7	9.9	9.2	8.5	7.7	7.0	6.2
17.5°	15.2	14.5	13.7	12.9	12.1	11.3	10.4	9.6	8.7	7.9	7.0
20°	17.0	16.2	15.3	14.4	13.5	12.5	11.6	10.6	9.7	8.7	7.7
22.5°	18.8	17.8	16.8	15.8	14.8	13.8	12.7	11.7	10.6	9.5	8.5
25°	20.5	19.4	18.3	17.2	16.1	14.9	13.8	12.6	11.5	10.3	9.1
27.5°	22.1	20.9	19.7	18.5	17.3	16.1	14.8	13.6	12.4	11.2	9.9
30°	23.7	22.4	21.1	19.8	18.5	17.3	16.1	14.9	13.6	12.2	10.8
32.5°	25.9	23.9	22.6	21.4	20.2	18.9	17.4	15.9	14.4	13.0	11.5
35°	28.6	26.6	24.8	23.1	21.5	20.0	18.6	17.1	15.7	14.1	12.5
37.5°	31.4	29.2	26.9	24.7	23.0	21.6	20.1	18.4	16.6	14.9	13.1
40°	33.5	30.9	28.7	26.7	24.8	22.9	21.1	19.3	17.4	15.6	13.8
42.5°	35.0	32.5	30.2	27.9	25.8	23.8	22.1	20.2	18.3	16.3	14.4
45°	36.4	33.7	31.0	28.5	26.4	24.4	22.6	21.0	18.9	16.6	14.5
47.5°	37.3	34.2	31.4	28.9	26.7	24.6	22.6	20.7	18.9	16.7	14.4
50°	37.7	34.5	31.6	29.0	26.6	24.3	22.2	20.2	18.4	16.6	14.3
52.5°	38.0	34.6	31.5	28.8	26.3	23.8	21.4	19.5	17.7	16.2	14.7
55°	38.1	34.5	31.3	28.5	25.6	22.9	20.9	19.0	17.5	16.0	14.5
57.5°	40.1	34.4	31.0	27.7	24.7	22.5	20.5	18.7	16.9	15.3	13.7
60°	43.0	37.4	31.9	26.8	24.4	22.2	20.1	18.1	16.3	14.6	13.2
62.5°	45.9	39.8	33.8	29.0	24.8	21.8	19.5	17.6	15.9	14.6	13.1
65°	48.6	41.9	36.0	31.0	26.5	22.5	19.2	17.4	16.1	14.5	12.6
67.5°	51.0	44.0	38.0	32.7	28.1	24.0	20.5	18.0	16.2	14.2	11.9
70°	53.4	46.1	39.8	34.3	29.7	25.3	21.9	18.9	16.2	13.6	11.2
72.5°	55.7	48.2	41.6	36.1	31.1	26.5	22.8	19.1	15.8	13.0	10.6
75°	57.7	50.3	43.4	38.0	32.3	27.6	23.0	18.8	15.2	12.2	10.0
77.5°	58.3	50.9	44.6	39.2	33.5	28.3	22.8	18.3	14.6	11.3	8.6
80°	59.2	51.8	45.5	39.5	33.7	28.1	22.7	18.0	13.9	9.9	6.8
82.5°	60.4	52.9	46.5	40.1	34.0	28.1	22.6	17.9	13.2	8.7	5.2
85°	62.0	54.3	47.7	41.0	34.6	28.4	22.9	18.2	13.1	8.6	4.8
87.5°	63.9	56.1	49.2	42.2	35.4	29.1	23.6	18.9	13.5	8.8	5.0
90°	66.2	58.2	51.0	43.8	36.7	30.3	24.7	19.9	14.3	9.6	5.6
92.5°	63.9	56.1	49.2	42.2	35.4	29.1	23.6	18.9	13.5	8.8	5.0
95°	62.0	54.3	47.7	41.0	34.6	28.4	22.9	18.2	13.1	8.6	4.8
97.5°	60.4	52.9	46.5	40.1	34.0	28.1	22.6	17.9	13.2	8.7	5.2
100°	59.2	51.8	45.5	39.5	33.7	28.1	22.7	18.0	13.9	9.9	6.8
102.5°	58.3	50.9	44.6	39.2	33.5	28.3	22.8	18.3	14.6	11.3	8.6
105°	57.7	50.3	43.4	38.0	32.3	27.6	23.0	18.8	15.2	12.2	10.0
107.5°	55.7	48.2	41.6	36.1	31.1	26.5	22.8	19.1	15.8	13.0	10.6
110°	53.4	46.1	39.8	34.3	29.7	25.3	21.9	18.9	16.2	13.6	11.2





TEST NUMBER: P231949

CATALOG NUMBER: FVS4WM-4-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°	51.0	44.0	38.0	32.7	28.1	24.0	20.5	18.0	16.2	14.2	11.9
115°	48.6	41.9	36.0	31.0	26.5	22.5	19.2	17.4	16.1	14.5	12.6
117.5°	45.9	39.8	33.8	29.0	24.8	21.8	19.5	17.6	15.9	14.6	13.1
120°	43.0	37.4	31.9	26.8	24.4	22.2	20.1	18.1	16.3	14.6	13.2
122.5°	40.1	34.4	31.0	27.7	24.7	22.5	20.5	18.7	16.9	15.3	13.7
125°	38.1	34.5	31.3	28.5	25.6	22.9	20.9	19.0	17.5	16.0	14.5
127.5°	38.0	34.6	31.5	28.8	26.3	23.8	21.4	19.5	17.7	16.2	14.7
130°	37.7	34.5	31.6	29.0	26.6	24.3	22.2	20.2	18.4	16.6	14.3
132.5°	37.3	34.2	31.4	28.9	26.7	24.6	22.6	20.7	18.9	16.7	14.4
135°	36.4	33.7	31.0	28.5	26.4	24.4	22.6	21.0	18.9	16.6	14.5
137.5°	35.0	32.5	30.2	27.9	25.8	23.8	22.1	20.2	18.3	16.3	14.4
140°	33.5	30.9	28.7	26.7	24.8	22.9	21.1	19.3	17.4	15.6	13.8
142.5°	31.4	29.2	26.9	24.7	23.0	21.6	20.1	18.4	16.6	14.9	13.1
145°	28.6	26.6	24.8	23.1	21.5	20.0	18.6	17.1	15.7	14.1	12.5
147.5°	25.9	23.9	22.6	21.4	20.2	18.9	17.4	15.9	14.4	13.0	11.5
150°	23.7	22.4	21.1	19.8	18.5	17.3	16.1	14.9	13.6	12.2	10.8
152.5°	22.1	20.9	19.7	18.5	17.3	16.1	14.8	13.6	12.4	11.2	9.9
155°	20.5	19.4	18.3	17.2	16.1	14.9	13.8	12.6	11.5	10.3	9.1
157.5°	18.8	17.8	16.8	15.8	14.8	13.8	12.7	11.7	10.6	9.5	8.5
160°	17.0	16.2	15.3	14.4	13.5	12.5	11.6	10.6	9.7	8.7	7.7
162.5°	15.2	14.5	13.7	12.9	12.1	11.3	10.4	9.6	8.7	7.9	7.0
165°	13.4	12.7	12.0	11.4	10.7	9.9	9.2	8.5	7.7	7.0	6.2
167.5°	11.5	10.9	10.3	9.8	9.2	8.6	8.0	7.3	6.7	6.1	5.4
170°	9.5	9.0	8.6	8.1	7.6	7.1	6.6	6.1	5.6	5.1	4.6
172.5°	7.4	7.1	6.7	6.4	6.0	5.7	5.3	4.9	4.5	4.1	3.7
175°	5.3	5.1	4.8	4.6	4.4	4.1	3.9	3.6	3.3	3.1	2.8
177.5°	3.1	3.0	2.9	2.8	2.6	2.5	2.4	2.2	2.1	2.0	1.8
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: P231949

CATALOG NUMBER: FVS4WM-4-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°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
2.5°	1.7	1.5	1.4	1.2	1.1	0.9	0.8	0.9	1.1	1.2	1.4
5°	2.5	2.2	1.9	1.7	1.4	1.1	0.8	1.1	1.4	1.7	1.9
7.5°	3.3	2.9	2.5	2.1	1.6	1.2	0.8	1.2	1.6	2.1	2.5
10°	4.1	3.5	3.0	2.4	1.9	1.3	0.8	1.3	1.9	2.4	3.0
12.5°	4.8	4.1	3.5	2.8	2.1	1.5	0.8	1.5	2.1	2.8	3.5
15°	5.5	4.7	3.9	3.1	2.4	1.6	0.8	1.6	2.4	3.1	3.9
17.5°	6.1	5.2	4.4	3.5	2.6	1.7	0.8	1.7	2.6	3.5	4.4
20°	6.8	5.8	4.8	3.8	2.8	1.8	0.8	1.8	2.8	3.8	4.8
22.5°	7.4	6.3	5.2	4.1	3.0	1.9	0.8	1.9	3.0	4.1	5.2
25°	8.0	6.8	5.6	4.4	3.2	2.0	0.8	2.0	3.2	4.4	5.6
27.5°	8.7	7.4	6.1	4.8	3.5	2.1	0.8	2.1	3.5	4.8	6.1
30°	9.4	7.9	6.5	5.1	3.7	2.2	0.8	2.2	3.7	5.1	6.5
32.5°	10.1	8.6	7.1	5.5	3.9	2.4	0.8	2.4	3.9	5.5	7.1
35°	10.8	9.2	7.5	5.8	4.1	2.5	0.8	2.5	4.1	5.8	7.5
37.5°	11.4	9.6	7.9	6.1	4.3	2.6	0.8	2.6	4.3	6.1	7.9
40°	11.9	10.1	8.2	6.4	4.5	2.7	0.8	2.7	4.5	6.4	8.2
42.5°	12.3	10.3	8.4	6.4	4.5	2.7	0.8	2.7	4.5	6.4	8.4
45°	12.4	10.3	8.4	6.4	4.5	2.7	0.8	2.7	4.5	6.4	8.4
47.5°	12.3	10.3	8.3	6.4	4.5	2.6	0.8	2.6	4.5	6.4	8.3
50°	12.2	10.3	8.4	6.5	4.6	2.7	0.8	2.7	4.6	6.5	8.4
52.5°	12.6	10.5	8.4	6.5	4.5	2.7	0.8	2.7	4.5	6.5	8.4
55°	12.4	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°	11.9	10.2	8.0	6.1	4.2	2.5	0.8	2.5	4.2	6.1	8.0
62.5°	11.4	9.6	7.6	5.9	4.3	3.0	1.6	3.0	4.3	5.9	7.6
65°	10.6	8.8	7.0	5.4	4.0	2.8	1.6	2.8	4.0	5.4	7.0
67.5°	9.8	7.9	6.1	4.7	3.5	2.5	1.6	2.5	3.5	4.7	6.1
70°	9.0	7.2	5.3	4.1	3.1	2.3	1.6	2.3	3.1	4.1	5.3
72.5°	8.7	6.6	4.9	3.4	2.4	1.9	1.6	1.9	2.4	3.4	4.9
75°	8.1	5.8	3.9	2.7	2.2	1.9	1.6	1.9	2.2	2.7	3.9
77.5°	6.5	4.8	3.0	2.0	0.9	0.2	0.0	0.2	0.9	2.0	3.0
80°	4.6	3.0	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5
82.5°	3.0	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	2.2	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	1.8	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	1.8	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	2.2	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	3.0	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	4.6	3.0	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5
102.5°	6.5	4.8	3.0	2.0	0.9	0.2	0.0	0.2	0.9	2.0	3.0
105°	8.1	5.8	3.9	2.7	2.2	1.9	1.6	1.9	2.2	2.7	3.9
107.5°	8.7	6.6	4.9	3.4	2.4	1.9	1.6	1.9	2.4	3.4	4.9
110°	9.0	7.2	5.3	4.1	3.1	2.3	1.6	2.3	3.1	4.1	5.3



TEST NUMBER: P231949

CATALOG NUMBER: FVS4WM-4-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°	9.8	7.9	6.1	4.7	3.5	2.5	1.6	2.5	3.5	4.7	6.1
115°	10.6	8.8	7.0	5.4	4.0	2.8	1.6	2.8	4.0	5.4	7.0
117.5°	11.4	9.6	7.6	5.9	4.3	3.0	1.6	3.0	4.3	5.9	7.6
120°	11.9	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°	12.4	10.3	8.2	6.3	4.4	2.6	0.8	2.6	4.4	6.3	8.2
127.5°	12.6	10.5	8.4	6.5	4.5	2.7	0.8	2.7	4.5	6.5	8.4
130°	12.2	10.3	8.4	6.5	4.6	2.7	0.8	2.7	4.6	6.5	8.4
132.5°	12.3	10.3	8.3	6.4	4.5	2.6	0.8	2.6	4.5	6.4	8.3
135°	12.4	10.3	8.4	6.4	4.5	2.7	0.8	2.7	4.5	6.4	8.4
137.5°	12.3	10.3	8.4	6.4	4.5	2.7	0.8	2.7	4.5	6.4	8.4
140°	11.9	10.1	8.2	6.4	4.5	2.7	0.8	2.7	4.5	6.4	8.2
142.5°	11.4	9.6	7.9	6.1	4.3	2.6	0.8	2.6	4.3	6.1	7.9
145°	10.8	9.2	7.5	5.8	4.1	2.5	0.8	2.5	4.1	5.8	7.5
147.5°	10.1	8.6	7.1	5.5	3.9	2.4	0.8	2.4	3.9	5.5	7.1
150°	9.4	7.9	6.5	5.1	3.7	2.2	0.8	2.2	3.7	5.1	6.5
152.5°	8.7	7.4	6.1	4.8	3.5	2.1	0.8	2.1	3.5	4.8	6.1
155°	8.0	6.8	5.6	4.4	3.2	2.0	0.8	2.0	3.2	4.4	5.6
157.5°	7.4	6.3	5.2	4.1	3.0	1.9	0.8	1.9	3.0	4.1	5.2
160°	6.8	5.8	4.8	3.8	2.8	1.8	0.8	1.8	2.8	3.8	4.8
162.5°	6.1	5.2	4.4	3.5	2.6	1.7	0.8	1.7	2.6	3.5	4.4
165°	5.5	4.7	3.9	3.1	2.4	1.6	0.8	1.6	2.4	3.1	3.9
167.5°	4.8	4.1	3.5	2.8	2.1	1.5	0.8	1.5	2.1	2.8	3.5
170°	4.1	3.5	3.0	2.4	1.9	1.3	0.8	1.3	1.9	2.4	3.0
172.5°	3.3	2.9	2.5	2.1	1.6	1.2	0.8	1.2	1.6	2.1	2.5
175°	2.5	2.2	1.9	1.7	1.4	1.1	0.8	1.1	1.4	1.7	1.9
177.5°	1.7	1.5	1.4	1.2	1.1	0.9	0.8	0.9	1.1	1.2	1.4
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: P231949

CATALOG NUMBER: FVS4WM-4-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°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
2.5°	1.5	1.7	1.8	2.0	2.1	2.2	2.4	2.5	2.6	2.8	2.9
5°	2.2	2.5	2.8	3.1	3.3	3.6	3.9	4.1	4.4	4.6	4.8
7.5°	2.9	3.3	3.7	4.1	4.5	4.9	5.3	5.7	6.0	6.4	6.7
10°	3.5	4.1	4.6	5.1	5.6	6.1	6.6	7.1	7.6	8.1	8.6
12.5°	4.1	4.8	5.4	6.1	6.7	7.3	8.0	8.6	9.2	9.8	10.3
15°	4.7	5.5	6.2	7.0	7.7	8.5	9.2	9.9	10.7	11.4	12.0
17.5°	5.2	6.1	7.0	7.9	8.7	9.6	10.4	11.3	12.1	12.9	13.7
20°	5.8	6.8	7.7	8.7	9.7	10.6	11.6	12.5	13.5	14.4	15.3
22.5°	6.3	7.4	8.5	9.5	10.6	11.7	12.7	13.8	14.8	15.8	16.8
25°	6.8	8.0	9.1	10.3	11.5	12.6	13.8	14.9	16.1	17.2	18.3
27.5°	7.4	8.7	9.9	11.2	12.4	13.6	14.8	16.1	17.3	18.5	19.7
30°	7.9	9.4	10.8	12.2	13.6	14.9	16.1	17.3	18.5	19.8	21.1
32.5°	8.6	10.1	11.5	13.0	14.4	15.9	17.4	18.9	20.2	21.4	22.6
35°	9.2	10.8	12.5	14.1	15.7	17.1	18.6	20.0	21.5	23.1	24.8
37.5°	9.6	11.4	13.1	14.9	16.6	18.4	20.1	21.6	23.0	24.7	26.9
40°	10.1	11.9	13.8	15.6	17.4	19.3	21.1	22.9	24.8	26.7	28.7
42.5°	10.3	12.3	14.4	16.3	18.3	20.2	22.1	23.8	25.8	27.9	30.2
45°	10.3	12.4	14.5	16.6	18.9	21.0	22.6	24.4	26.4	28.5	31.0
47.5°	10.3	12.3	14.4	16.7	18.9	20.7	22.6	24.6	26.7	28.9	31.4
50°	10.3	12.2	14.3	16.6	18.4	20.2	22.2	24.3	26.6	29.0	31.6
52.5°	10.5	12.6	14.7	16.2	17.7	19.5	21.4	23.8	26.3	28.8	31.5
55°	10.3	12.4	14.5	16.0	17.5	19.0	20.9	22.9	25.6	28.5	31.3
57.5°	10.0	12.1	13.7	15.3	16.9	18.7	20.5	22.5	24.7	27.7	31.0
60°	10.2	11.9	13.2	14.6	16.3	18.1	20.1	22.2	24.4	26.8	31.9
62.5°	9.6	11.4	13.1	14.6	15.9	17.6	19.5	21.8	24.8	29.0	33.8
65°	8.8	10.6	12.6	14.5	16.1	17.4	19.2	22.5	26.5	31.0	36.0
67.5°	7.9	9.8	11.9	14.2	16.2	18.0	20.5	24.0	28.1	32.7	38.0
70°	7.2	9.0	11.2	13.6	16.2	18.9	21.9	25.3	29.7	34.3	39.8
72.5°	6.6	8.7	10.6	13.0	15.8	19.1	22.8	26.5	31.1	36.1	41.6
75°	5.8	8.1	10.0	12.2	15.2	18.8	23.0	27.6	32.3	38.0	43.4
77.5°	4.8	6.5	8.6	11.3	14.6	18.3	22.8	28.3	33.5	39.2	44.6
80°	3.0	4.6	6.8	9.9	13.9	18.0	22.7	28.1	33.7	39.5	45.5
82.5°	1.6	3.0	5.2	8.7	13.2	17.9	22.6	28.1	34.0	40.1	46.5
85°	0.6	2.2	4.8	8.6	13.1	18.2	22.9	28.4	34.6	41.0	47.7
87.5°	0.2	1.8	5.0	8.8	13.5	18.9	23.6	29.1	35.4	42.2	49.2
90°	0.0	1.6	5.6	9.6	14.3	19.9	24.7	30.3	36.7	43.8	51.0
92.5°	0.2	1.8	5.0	8.8	13.5	18.9	23.6	29.1	35.4	42.2	49.2
95°	0.6	2.2	4.8	8.6	13.1	18.2	22.9	28.4	34.6	41.0	47.7
97.5°	1.6	3.0	5.2	8.7	13.2	17.9	22.6	28.1	34.0	40.1	46.5
100°	3.0	4.6	6.8	9.9	13.9	18.0	22.7	28.1	33.7	39.5	45.5
102.5°	4.8	6.5	8.6	11.3	14.6	18.3	22.8	28.3	33.5	39.2	44.6
105°	5.8	8.1	10.0	12.2	15.2	18.8	23.0	27.6	32.3	38.0	43.4
107.5°	6.6	8.7	10.6	13.0	15.8	19.1	22.8	26.5	31.1	36.1	41.6
110°	7.2	9.0	11.2	13.6	16.2	18.9	21.9	25.3	29.7	34.3	39.8



TEST NUMBER: P231949

CATALOG NUMBER: FVS4WM-4-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°	7.9	9.8	11.9	14.2	16.2	18.0	20.5	24.0	28.1	32.7	38.0
115°	8.8	10.6	12.6	14.5	16.1	17.4	19.2	22.5	26.5	31.0	36.0
117.5°	9.6	11.4	13.1	14.6	15.9	17.6	19.5	21.8	24.8	29.0	33.8
120°	10.2	11.9	13.2	14.6	16.3	18.1	20.1	22.2	24.4	26.8	31.9
122.5°	10.0	12.1	13.7	15.3	16.9	18.7	20.5	22.5	24.7	27.7	31.0
125°	10.3	12.4	14.5	16.0	17.5	19.0	20.9	22.9	25.6	28.5	31.3
127.5°	10.5	12.6	14.7	16.2	17.7	19.5	21.4	23.8	26.3	28.8	31.5
130°	10.3	12.2	14.3	16.6	18.4	20.2	22.2	24.3	26.6	29.0	31.6
132.5°	10.3	12.3	14.4	16.7	18.9	20.7	22.6	24.6	26.7	28.9	31.4
135°	10.3	12.4	14.5	16.6	18.9	21.0	22.6	24.4	26.4	28.5	31.0
137.5°	10.3	12.3	14.4	16.3	18.3	20.2	22.1	23.8	25.8	27.9	30.2
140°	10.1	11.9	13.8	15.6	17.4	19.3	21.1	22.9	24.8	26.7	28.7
142.5°	9.6	11.4	13.1	14.9	16.6	18.4	20.1	21.6	23.0	24.7	26.9
145°	9.2	10.8	12.5	14.1	15.7	17.1	18.6	20.0	21.5	23.1	24.8
147.5°	8.6	10.1	11.5	13.0	14.4	15.9	17.4	18.9	20.2	21.4	22.6
150°	7.9	9.4	10.8	12.2	13.6	14.9	16.1	17.3	18.5	19.8	21.1
152.5°	7.4	8.7	9.9	11.2	12.4	13.6	14.8	16.1	17.3	18.5	19.7
155°	6.8	8.0	9.1	10.3	11.5	12.6	13.8	14.9	16.1	17.2	18.3
157.5°	6.3	7.4	8.5	9.5	10.6	11.7	12.7	13.8	14.8	15.8	16.8
160°	5.8	6.8	7.7	8.7	9.7	10.6	11.6	12.5	13.5	14.4	15.3
162.5°	5.2	6.1	7.0	7.9	8.7	9.6	10.4	11.3	12.1	12.9	13.7
165°	4.7	5.5	6.2	7.0	7.7	8.5	9.2	9.9	10.7	11.4	12.0
167.5°	4.1	4.8	5.4	6.1	6.7	7.3	8.0	8.6	9.2	9.8	10.3
170°	3.5	4.1	4.6	5.1	5.6	6.1	6.6	7.1	7.6	8.1	8.6
172.5°	2.9	3.3	3.7	4.1	4.5	4.9	5.3	5.7	6.0	6.4	6.7
175°	2.2	2.5	2.8	3.1	3.3	3.6	3.9	4.1	4.4	4.6	4.8
177.5°	1.5	1.7	1.8	2.0	2.1	2.2	2.4	2.5	2.6	2.8	2.9
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P231949

CATALOG NUMBER: FVS4WM-4-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°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
2.5°	3.0	3.1	3.2	3.3	3.5	3.6	3.7	3.7	3.8	3.9	4.0
5°	5.1	5.3	5.5	5.7	5.9	6.1	6.3	6.5	6.6	6.8	7.0
7.5°	7.1	7.4	7.8	8.1	8.4	8.7	8.9	9.2	9.4	9.7	9.9
10°	9.0	9.5	9.9	10.3	10.7	11.1	11.5	11.8	12.2	12.5	12.8
12.5°	10.9	11.5	12.0	12.5	13.0	13.5	14.0	14.4	14.9	15.3	15.7
15°	12.7	13.4	14.0	14.7	15.3	15.8	16.4	17.0	17.5	18.0	18.4
17.5°	14.5	15.2	16.0	16.7	17.4	18.1	18.8	19.4	20.0	20.6	21.2
20°	16.2	17.0	17.9	18.7	19.5	20.3	21.1	21.8	22.5	23.2	23.9
22.5°	17.8	18.8	19.7	20.7	21.6	22.5	23.3	24.2	25.0	25.8	26.5
25°	19.4	20.5	21.5	22.5	23.6	24.6	25.5	26.5	27.4	28.3	30.2
27.5°	20.9	22.1	23.3	24.4	25.5	26.6	28.7	31.0	33.4	35.9	38.5
30°	22.4	23.7	25.0	26.8	29.1	31.5	34.0	36.8	39.6	42.7	45.9
32.5°	23.9	25.9	28.1	30.5	33.1	35.8	38.6	41.7	45.1	48.7	52.5
35°	26.6	28.6	31.1	33.7	36.5	39.4	42.6	46.0	49.8	53.9	58.4
37.5°	29.2	31.4	33.6	36.3	39.3	42.6	46.1	49.9	53.9	58.6	63.6
40°	30.9	33.5	36.1	38.7	41.8	45.3	49.1	53.2	57.7	62.6	68.3
42.5°	32.5	35.0	38.0	41.0	44.1	47.6	51.7	56.3	61.1	66.4	72.6
45°	33.7	36.4	39.4	42.7	46.2	49.8	54.1	58.9	64.2	70.0	76.2
47.5°	34.2	37.3	40.6	44.1	48.0	51.9	56.1	61.3	67.0	73.2	80.0
50°	34.5	37.7	41.4	45.2	49.3	53.7	58.3	63.7	70.7	77.5	84.1
52.5°	34.6	38.0	41.7	45.9	50.5	56.8	63.3	69.8	76.7	83.2	89.1
55°	34.5	38.1	42.3	48.6	55.3	62.2	69.2	76.2	83.2	89.7	94.9
57.5°	34.4	40.1	46.1	52.5	59.9	67.4	75.0	82.5	90.1	96.6	101.5
60°	37.4	43.0	49.6	56.4	64.1	72.4	80.6	88.7	96.8	103.7	108.6
62.5°	39.8	45.9	52.7	60.1	67.9	77.1	86.0	94.7	103.4	111.0	116.2
65°	41.9	48.6	55.6	63.6	71.9	81.5	91.3	100.7	109.9	118.7	124.4
67.5°	44.0	51.0	58.6	66.9	75.9	85.6	96.5	106.7	116.6	126.3	132.1
70°	46.1	53.4	61.4	70.1	79.7	89.6	101.7	112.7	123.1	132.9	138.0
72.5°	48.2	55.7	64.1	73.3	83.4	93.2	104.6	115.4	124.7	132.7	137.6
75°	50.3	57.7	65.7	74.5	84.2	94.6	106.0	117.0	126.1	133.3	137.5
77.5°	50.9	58.3	66.4	75.3	85.2	96.0	107.7	119.0	128.1	134.4	137.7
80°	51.8	59.2	67.4	76.3	86.5	97.6	109.8	121.4	130.5	136.1	138.2
82.5°	52.9	60.4	68.7	77.6	88.0	99.4	112.3	124.1	133.2	138.0	138.9
85°	54.3	62.0	70.4	79.3	89.9	101.5	115.2	127.1	136.2	140.3	139.6
87.5°	56.1	63.9	72.5	81.3	92.2	103.9	118.4	130.4	139.4	142.7	140.4
90°	58.2	66.2	74.9	83.7	94.9	106.8	122.0	133.9	142.7	145.1	141.1
92.5°	56.1	63.9	72.5	81.3	92.2	103.9	118.4	130.4	139.4	142.7	140.4
95°	54.3	62.0	70.4	79.3	89.9	101.5	115.2	127.1	136.2	140.3	139.6
97.5°	52.9	60.4	68.7	77.6	88.0	99.4	112.3	124.1	133.2	138.0	138.9
100°	51.8	59.2	67.4	76.3	86.5	97.6	109.8	121.4	130.5	136.1	138.2
102.5°	50.9	58.3	66.4	75.3	85.2	96.0	107.7	119.0	128.1	134.4	137.7
105°	50.3	57.7	65.7	74.5	84.2	94.6	106.0	117.0	126.1	133.3	137.5
107.5°	48.2	55.7	64.1	73.3	83.4	93.2	104.6	115.4	124.7	132.7	137.6
110°	46.1	53.4	61.4	70.1	79.7	89.6	101.7	112.7	123.1	132.9	138.0



TEST NUMBER: P231949

CATALOG NUMBER: FVS4WM-4-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°	44.0	51.0	58.6	66.9	75.9	85.6	96.5	106.7	116.6	126.3	132.1
115°	41.9	48.6	55.6	63.6	71.9	81.5	91.3	100.7	109.9	118.7	124.4
117.5°	39.8	45.9	52.7	60.1	67.9	77.1	86.0	94.7	103.4	111.0	116.2
120°	37.4	43.0	49.6	56.4	64.1	72.4	80.6	88.7	96.8	103.7	108.6
122.5°	34.4	40.1	46.1	52.5	59.9	67.4	75.0	82.5	90.1	96.6	101.5
125°	34.5	38.1	42.3	48.6	55.3	62.2	69.2	76.2	83.2	89.7	94.9
127.5°	34.6	38.0	41.7	45.9	50.5	56.8	63.3	69.8	76.7	83.2	89.1
130°	34.5	37.7	41.4	45.2	49.3	53.7	58.3	63.7	70.7	77.5	84.1
132.5°	34.2	37.3	40.6	44.1	48.0	51.9	56.1	61.3	67.0	73.2	80.0
135°	33.7	36.4	39.4	42.7	46.2	49.8	54.1	58.9	64.2	70.0	76.2
137.5°	32.5	35.0	38.0	41.0	44.1	47.6	51.7	56.3	61.1	66.4	72.6
140°	30.9	33.5	36.1	38.7	41.8	45.3	49.1	53.2	57.7	62.6	68.3
142.5°	29.2	31.4	33.6	36.3	39.3	42.6	46.1	49.9	53.9	58.6	63.6
145°	26.6	28.6	31.1	33.7	36.5	39.4	42.6	46.0	49.8	53.9	58.4
147.5°	23.9	25.9	28.1	30.5	33.1	35.8	38.6	41.7	45.1	48.7	52.5
150°	22.4	23.7	25.0	26.8	29.1	31.5	34.0	36.8	39.6	42.7	45.9
152.5°	20.9	22.1	23.3	24.4	25.5	26.6	28.7	31.0	33.4	35.9	38.5
155°	19.4	20.5	21.5	22.5	23.6	24.6	25.5	26.5	27.4	28.3	30.2
157.5°	17.8	18.8	19.7	20.7	21.6	22.5	23.3	24.2	25.0	25.8	26.5
160°	16.2	17.0	17.9	18.7	19.5	20.3	21.1	21.8	22.5	23.2	23.9
162.5°	14.5	15.2	16.0	16.7	17.4	18.1	18.8	19.4	20.0	20.6	21.2
165°	12.7	13.4	14.0	14.7	15.3	15.8	16.4	17.0	17.5	18.0	18.4
167.5°	10.9	11.5	12.0	12.5	13.0	13.5	14.0	14.4	14.9	15.3	15.7
170°	9.0	9.5	9.9	10.3	10.7	11.1	11.5	11.8	12.2	12.5	12.8
172.5°	7.1	7.4	7.8	8.1	8.4	8.7	8.9	9.2	9.4	9.7	9.9
175°	5.1	5.3	5.5	5.7	5.9	6.1	6.3	6.5	6.6	6.8	7.0
177.5°	3.0	3.1	3.2	3.3	3.5	3.6	3.7	3.7	3.8	3.9	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: P231949

CATALOG NUMBER: FVS4WM-4-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°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
2.5°	4.1	4.1	4.2	4.2	4.3	4.3	4.4	4.4	4.4	4.4	5.0
5°	7.1	7.3	7.4	7.6	7.7	7.8	7.9	7.9	8.0	8.1	9.1
7.5°	10.1	10.3	10.5	10.7	10.9	11.1	11.3	11.5	11.6	11.7	13.3
10°	13.1	13.3	13.6	13.8	14.1	14.4	14.7	14.9	15.1	15.3	17.4
12.5°	16.0	16.4	16.7	17.0	17.2	17.6	18.0	18.3	18.7	19.0	21.5
15°	18.9	19.3	19.7	20.1	20.4	20.7	21.2	21.7	22.2	22.6	25.6
17.5°	21.7	22.2	22.7	23.1	23.5	23.9	24.4	25.0	25.6	26.2	29.7
20°	24.5	25.1	25.7	26.2	26.7	27.1	27.5	28.3	29.1	29.9	33.7
22.5°	27.2	27.9	28.6	29.2	29.7	30.3	30.8	31.6	32.6	33.5	37.7
25°	32.2	34.2	36.1	37.7	39.2	40.4	41.2	42.1	43.2	44.1	48.4
27.5°	41.2	43.7	46.2	48.3	50.1	51.5	52.3	53.0	54.0	54.7	59.0
30°	49.3	52.6	55.8	58.8	60.9	62.8	63.5	63.9	64.7	65.4	69.5
32.5°	56.6	60.8	64.8	68.6	71.5	73.8	74.7	75.0	75.5	76.0	80.0
35°	63.2	68.3	73.4	78.0	82.0	84.7	86.1	86.1	86.4	86.6	90.4
37.5°	69.2	75.1	81.3	87.0	92.5	95.5	97.5	97.3	97.3	97.2	100.7
40°	74.6	81.3	88.6	95.6	101.9	106.2	109.0	108.6	108.2	107.9	110.9
42.5°	79.4	87.2	95.3	104.2	111.1	116.8	120.6	119.9	119.1	118.5	121.1
45°	84.0	92.5	101.6	111.4	120.1	127.3	131.4	131.2	130.1	129.1	131.3
47.5°	88.0	96.3	105.0	114.2	122.7	130.3	134.7	136.2	137.0	138.3	143.6
50°	90.6	97.8	105.8	114.4	123.1	131.2	136.9	140.7	143.7	147.5	156.2
52.5°	94.4	100.5	107.3	114.9	123.5	131.9	139.0	144.8	150.2	156.8	169.1
55°	99.3	103.9	109.3	115.9	124.1	132.7	140.9	148.6	156.5	166.0	182.1
57.5°	105.0	108.2	111.9	117.3	124.9	133.5	142.6	152.2	162.7	175.2	195.3
60°	111.5	113.1	115.3	119.4	126.1	134.5	144.2	155.5	168.7	184.4	208.7
62.5°	118.5	118.7	119.4	122.0	127.4	135.5	145.8	158.6	174.7	193.7	222.2
65°	125.9	125.0	124.0	124.9	129.0	136.5	147.2	161.6	180.5	202.9	235.8
67.5°	133.6	131.7	129.1	128.1	130.8	137.7	148.6	164.4	186.3	212.1	249.5
70°	138.3	134.9	130.8	128.7	130.5	136.9	147.6	163.2	184.9	211.1	249.1
72.5°	137.8	134.4	130.2	128.0	129.8	136.0	146.6	161.9	183.5	210.1	248.6
75°	137.4	133.8	129.5	127.3	129.1	135.1	145.6	160.7	182.2	209.2	249.3
77.5°	137.0	133.1	128.7	126.6	128.4	134.3	144.8	159.6	181.0	208.2	248.1
80°	136.8	132.3	127.8	125.9	127.8	133.6	144.0	158.6	179.7	207.2	247.0
82.5°	136.5	131.4	126.8	125.1	127.3	132.9	143.3	157.7	178.6	206.2	245.8
85°	136.3	130.5	125.8	124.3	126.8	132.4	142.8	156.9	177.5	205.3	244.7
87.5°	135.9	129.5	124.7	123.5	126.4	131.9	142.3	156.2	176.4	204.3	243.5
90°	135.5	128.4	123.6	122.8	126.0	131.5	141.9	155.5	175.4	203.3	242.4
92.5°	135.9	129.5	124.7	123.5	126.4	131.9	142.3	156.2	176.4	204.3	243.5
95°	136.3	130.5	125.8	124.3	126.8	132.4	142.8	156.9	177.5	205.3	244.7
97.5°	136.5	131.4	126.8	125.1	127.3	132.9	143.3	157.7	178.6	206.2	245.8
100°	136.8	132.3	127.8	125.9	127.8	133.6	144.0	158.6	179.7	207.2	247.0
102.5°	137.0	133.1	128.7	126.6	128.4	134.3	144.8	159.6	181.0	208.2	248.1
105°	137.4	133.8	129.5	127.3	129.1	135.1	145.6	160.7	182.2	209.2	249.3
107.5°	137.8	134.4	130.2	128.0	129.8	136.0	146.6	161.9	183.5	210.1	248.6
110°	138.3	134.9	130.8	128.7	130.5	136.9	147.6	163.2	184.9	211.1	249.1





TEST NUMBER: P231949

CATALOG NUMBER: FVS4WM-4-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°	133.6	131.7	129.1	128.1	130.8	137.7	148.6	164.4	186.3	212.1	249.5
115°	125.9	125.0	124.0	124.9	129.0	136.5	147.2	161.6	180.5	202.9	235.8
117.5°	118.5	118.7	119.4	122.0	127.4	135.5	145.8	158.6	174.7	193.7	222.2
120°	111.5	113.1	115.3	119.4	126.1	134.5	144.2	155.5	168.7	184.4	208.7
122.5°	105.0	108.2	111.9	117.3	124.9	133.5	142.6	152.2	162.7	175.2	195.3
125°	99.3	103.9	109.3	115.9	124.1	132.7	140.9	148.6	156.5	166.0	182.1
127.5°	94.4	100.5	107.3	114.9	123.5	131.9	139.0	144.8	150.2	156.8	169.1
130°	90.6	97.8	105.8	114.4	123.1	131.2	136.9	140.7	143.7	147.5	156.2
132.5°	88.0	96.3	105.0	114.2	122.7	130.3	134.7	136.2	137.0	138.3	143.6
135°	84.0	92.5	101.6	111.4	120.1	127.3	131.4	131.2	130.1	129.1	131.3
137.5°	79.4	87.2	95.3	104.2	111.1	116.8	120.6	119.9	119.1	118.5	121.1
140°	74.6	81.3	88.6	95.6	101.9	106.2	109.0	108.6	108.2	107.9	110.9
142.5°	69.2	75.1	81.3	87.0	92.5	95.5	97.5	97.3	97.3	97.2	100.7
145°	63.2	68.3	73.4	78.0	82.0	84.7	86.1	86.1	86.4	86.6	90.4
147.5°	56.6	60.8	64.8	68.6	71.5	73.8	74.7	75.0	75.5	76.0	80.0
150°	49.3	52.6	55.8	58.8	60.9	62.8	63.5	63.9	64.7	65.4	69.5
152.5°	41.2	43.7	46.2	48.3	50.1	51.5	52.3	53.0	54.0	54.7	59.0
155°	32.2	34.2	36.1	37.7	39.2	40.4	41.2	42.1	43.2	44.1	48.4
157.5°	27.2	27.9	28.6	29.2	29.7	30.3	30.8	31.6	32.6	33.5	37.7
160°	24.5	25.1	25.7	26.2	26.7	27.1	27.5	28.3	29.1	29.9	33.7
162.5°	21.7	22.2	22.7	23.1	23.5	23.9	24.4	25.0	25.6	26.2	29.7
165°	18.9	19.3	19.7	20.1	20.4	20.7	21.2	21.7	22.2	22.6	25.6
167.5°	16.0	16.4	16.7	17.0	17.2	17.6	18.0	18.3	18.7	19.0	21.5
170°	13.1	13.3	13.6	13.8	14.1	14.4	14.7	14.9	15.1	15.3	17.4
172.5°	10.1	10.3	10.5	10.7	10.9	11.1	11.3	11.5	11.6	11.7	13.3
175°	7.1	7.3	7.4	7.6	7.7	7.8	7.9	7.9	8.0	8.1	9.1
177.5°	4.1	4.1	4.2	4.2	4.3	4.3	4.4	4.4	4.4	4.4	5.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P231949

CATALOG NUMBER: FVS4WM-4-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°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
2.5°	5.5	6.0	6.6	7.1	7.6	8.1	8.5	9.0	9.4	9.9	10.3
5°	10.2	11.2	12.3	13.3	14.2	15.2	16.1	17.0	17.9	18.7	19.6
7.5°	14.8	16.4	17.9	19.4	20.8	22.2	23.7	25.4	27.0	28.6	30.1
10°	19.5	21.5	23.4	25.4	27.4	29.7	32.0	34.2	36.3	38.4	40.6
12.5°	24.0	26.5	28.9	31.5	34.4	37.3	40.1	42.8	45.4	47.9	50.3
15°	28.6	31.5	34.4	37.9	41.3	44.7	48.0	51.3	54.4	57.5	60.8
17.5°	33.0	36.4	40.2	44.1	48.1	52.0	56.0	59.9	63.6	67.2	70.6
20°	37.5	41.3	45.8	50.3	54.7	59.5	64.2	68.7	73.0	77.2	81.2
22.5°	41.9	46.3	51.3	56.2	61.6	67.1	72.5	77.7	82.7	87.5	92.2
25°	52.4	57.1	62.0	67.0	72.6	77.9	83.2	88.4	93.4	98.4	103.8
27.5°	63.0	68.1	73.3	78.9	84.7	90.5	96.3	101.8	107.3	112.6	116.9
30°	73.5	79.0	84.4	90.5	97.0	102.9	109.1	114.9	120.6	125.4	129.9
32.5°	84.0	89.7	95.5	101.9	108.4	115.1	121.5	127.5	132.9	137.7	140.7
35°	94.5	100.3	106.4	113.0	120.0	127.5	133.4	139.4	144.5	148.5	149.7
37.5°	104.9	110.7	117.2	123.8	131.5	138.5	144.8	150.5	156.1	157.2	158.2
40°	115.2	121.0	127.7	134.8	142.7	149.5	155.7	161.2	164.4	165.5	165.8
42.5°	125.4	131.2	138.0	145.6	153.7	160.1	166.0	171.5	172.6	173.2	173.1
45°	135.5	141.4	148.1	156.2	164.0	170.3	175.9	179.6	180.5	180.4	180.6
47.5°	151.3	160.3	169.5	178.3	184.2	187.6	190.2	188.8	187.7	187.4	188.0
50°	167.8	181.0	194.3	205.4	210.7	213.5	215.0	211.9	207.7	203.6	200.0
52.5°	184.8	202.4	219.6	233.1	236.8	238.9	238.4	234.3	229.2	224.6	221.4
55°	202.3	224.6	245.3	260.0	262.6	263.9	261.3	256.1	250.3	245.0	242.1
57.5°	220.1	247.3	271.4	286.1	288.1	288.5	283.9	277.5	271.0	265.5	262.2
60°	238.2	270.6	297.8	312.0	313.1	312.5	306.1	298.6	291.3	285.8	283.4
62.5°	256.6	294.4	324.4	337.6	337.9	335.4	327.9	319.4	311.2	305.6	304.4
65°	275.2	318.6	351.3	363.1	362.4	358.1	349.5	340.0	330.8	324.9	324.8
67.5°	294.0	343.0	378.4	388.4	386.6	380.6	370.8	360.4	350.8	344.7	344.9
70°	294.9	345.5	383.1	396.6	398.9	394.0	385.7	376.9	368.7	364.5	366.6
72.5°	294.9	346.0	384.6	401.5	407.1	402.1	394.9	387.6	380.9	378.1	381.9
75°	294.8	346.2	386.0	407.2	415.6	410.3	404.7	398.9	393.5	391.4	396.1
77.5°	294.5	346.0	387.2	413.4	424.5	418.5	414.9	410.5	406.3	404.5	409.7
80°	295.5	345.5	388.2	420.0	433.6	426.9	425.5	422.6	419.3	417.5	423.0
82.5°	294.2	346.0	390.6	426.8	442.9	435.4	436.4	434.9	432.5	430.3	435.8
85°	292.9	344.2	390.3	434.4	452.6	443.8	447.5	447.5	445.9	443.1	448.4
87.5°	291.5	342.3	390.1	440.4	461.5	452.7	458.6	460.1	459.3	455.9	460.7
90°	290.2	340.4	389.8	446.4	470.4	461.6	469.6	472.8	472.8	468.8	472.8
92.5°	291.5	342.3	390.1	440.4	461.5	452.7	458.6	460.1	459.3	455.9	460.7
95°	292.9	344.2	390.3	434.4	452.6	443.8	447.5	447.5	445.9	443.1	448.4
97.5°	294.2	346.0	390.6	426.8	442.9	435.4	436.4	434.9	432.5	430.3	435.8
100°	295.5	345.5	388.2	420.0	433.6	426.9	425.5	422.6	419.3	417.5	423.0
102.5°	294.5	346.0	387.2	413.4	424.5	418.5	414.9	410.5	406.3	404.5	409.7
105°	294.8	346.2	386.0	407.2	415.6	410.3	404.7	398.9	393.5	391.4	396.1
107.5°	294.9	346.0	384.6	401.5	407.1	402.1	394.9	387.6	380.9	378.1	381.9
110°	294.9	345.5	383.1	396.6	398.9	394.0	385.7	376.9	368.7	364.5	366.6



TEST NUMBER: P231949

CATALOG NUMBER: FVS4WM-4-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°	294.0	343.0	378.4	388.4	386.6	380.6	370.8	360.4	350.8	344.7	344.9
115°	275.2	318.6	351.3	363.1	362.4	358.1	349.5	340.0	330.8	324.9	324.8
117.5°	256.6	294.4	324.4	337.6	337.9	335.4	327.9	319.4	311.2	305.6	304.4
120°	238.2	270.6	297.8	312.0	313.1	312.5	306.1	298.6	291.3	285.8	283.4
122.5°	220.1	247.3	271.4	286.1	288.1	288.5	283.9	277.5	271.0	265.5	262.2
125°	202.3	224.6	245.3	260.0	262.6	263.9	261.3	256.1	250.3	245.0	242.1
127.5°	184.8	202.4	219.6	233.1	236.8	238.9	238.4	234.3	229.2	224.6	221.4
130°	167.8	181.0	194.3	205.4	210.7	213.5	215.0	211.9	207.7	203.6	200.0
132.5°	151.3	160.3	169.5	178.3	184.2	187.6	190.2	188.8	187.7	187.4	188.0
135°	135.5	141.4	148.1	156.2	164.0	170.3	175.9	179.6	180.5	180.4	180.6
137.5°	125.4	131.2	138.0	145.6	153.7	160.1	166.0	171.5	172.6	173.2	173.1
140°	115.2	121.0	127.7	134.8	142.7	149.5	155.7	161.2	164.4	165.5	165.8
142.5°	104.9	110.7	117.2	123.8	131.5	138.5	144.8	150.5	156.1	157.2	158.2
145°	94.5	100.3	106.4	113.0	120.0	127.5	133.4	139.4	144.5	148.5	149.7
147.5°	84.0	89.7	95.5	101.9	108.4	115.1	121.5	127.5	132.9	137.7	140.7
150°	73.5	79.0	84.4	90.5	97.0	102.9	109.1	114.9	120.6	125.4	129.9
152.5°	63.0	68.1	73.3	78.9	84.7	90.5	96.3	101.8	107.3	112.6	116.9
155°	52.4	57.1	62.0	67.0	72.6	77.9	83.2	88.4	93.4	98.4	103.8
157.5°	41.9	46.3	51.3	56.2	61.6	67.1	72.5	77.7	82.7	87.5	92.2
160°	37.5	41.3	45.8	50.3	54.7	59.5	64.2	68.7	73.0	77.2	81.2
162.5°	33.0	36.4	40.2	44.1	48.1	52.0	56.0	59.9	63.6	67.2	70.6
165°	28.6	31.5	34.4	37.9	41.3	44.7	48.0	51.3	54.4	57.5	60.8
167.5°	24.0	26.5	28.9	31.5	34.4	37.3	40.1	42.8	45.4	47.9	50.3
170°	19.5	21.5	23.4	25.4	27.4	29.7	32.0	34.2	36.3	38.4	40.6
172.5°	14.8	16.4	17.9	19.4	20.8	22.2	23.7	25.4	27.0	28.6	30.1
175°	10.2	11.2	12.3	13.3	14.2	15.2	16.1	17.0	17.9	18.7	19.6
177.5°	5.5	6.0	6.6	7.1	7.6	8.1	8.5	9.0	9.4	9.9	10.3
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: P231949

CATALOG NUMBER: FVS4WM-4-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°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
2.5°	10.7	11.0	11.4	11.7	12.0	12.3	12.6	12.8	13.1	13.3	13.5
5°	20.6	21.5	22.4	23.3	24.1	24.9	25.6	26.3	26.9	27.5	28.0
7.5°	31.6	33.0	34.4	35.7	36.9	37.9	38.8	39.6	40.4	41.1	41.7
10°	42.3	44.0	45.6	47.1	48.6	49.9	51.1	52.2	53.1	54.0	54.7
12.5°	52.6	54.8	56.8	58.6	60.4	61.9	63.4	64.7	65.9	66.7	67.4
15°	63.1	65.7	68.1	70.3	72.4	74.1	75.5	76.8	77.9	78.8	79.5
17.5°	73.9	77.3	79.6	82.1	84.3	86.3	88.1	89.7	91.2	92.4	93.5
20°	84.9	88.4	91.6	94.4	97.0	99.3	101.5	103.2	104.5	105.7	106.9
22.5°	96.5	100.5	103.9	107.0	110.0	111.5	113.1	114.6	116.1	117.6	119.2
25°	108.4	112.4	116.8	118.0	119.7	121.4	122.9	124.5	126.2	128.1	130.4
27.5°	121.0	123.9	124.9	126.5	127.8	129.2	131.0	132.9	135.3	137.9	141.2
30°	132.6	133.6	134.5	134.6	134.7	135.7	137.9	140.5	144.8	149.2	153.9
32.5°	141.9	142.7	142.9	143.2	144.0	144.7	147.1	150.3	155.6	162.4	169.0
35°	150.5	150.8	151.2	152.1	153.5	156.6	159.7	165.0	170.1	178.1	188.7
37.5°	158.4	158.8	159.7	161.7	164.9	169.3	175.1	181.8	191.2	201.2	213.0
40°	166.0	167.0	168.8	172.2	177.2	183.4	192.4	202.9	216.0	230.7	246.5
42.5°	173.9	175.3	178.6	183.6	190.2	200.5	211.8	228.3	246.1	265.8	286.6
45°	181.4	184.4	188.8	195.6	206.2	218.3	236.9	256.2	279.8	303.8	329.5
47.5°	189.8	192.9	199.8	209.6	222.4	241.8	263.1	288.4	315.6	343.8	375.1
50°	198.6	203.1	211.1	224.5	243.3	265.3	292.1	321.4	353.6	387.7	423.7
52.5°	219.9	222.2	229.5	241.6	264.8	291.3	321.7	355.9	393.0	433.3	476.8
55°	242.2	246.2	255.9	271.9	292.6	317.7	351.1	391.2	434.3	481.1	526.7
57.5°	263.8	271.0	283.6	301.3	323.5	352.7	387.5	427.7	476.8	524.4	572.8
60°	285.8	295.0	310.6	329.6	354.3	385.8	424.6	470.3	516.7	563.0	617.5
62.5°	309.1	320.0	336.0	354.8	383.3	418.6	460.6	507.5	553.4	604.5	658.1
65°	331.7	344.3	359.9	380.3	410.4	447.7	493.0	539.1	587.7	640.3	695.4
67.5°	353.6	367.1	381.2	404.5	436.5	475.7	520.8	566.7	616.7	670.7	734.7
70°	375.6	388.5	400.1	426.4	459.4	500.1	544.4	590.8	641.1	697.9	771.3
72.5°	392.9	406.1	420.1	446.7	479.5	522.3	564.3	609.7	660.7	724.8	801.9
75°	407.9	421.4	437.7	462.7	495.5	535.9	579.4	624.3	675.5	745.7	826.8
77.5°	422.7	436.5	453.0	475.9	507.6	546.1	587.6	633.5	691.1	764.4	847.1
80°	437.0	451.5	466.4	486.7	516.9	553.1	592.7	639.4	703.1	782.4	873.8
82.5°	451.0	466.1	478.2	495.4	523.8	557.2	594.9	642.3	711.3	796.9	893.4
85°	464.6	480.4	488.7	502.4	528.5	558.8	594.6	642.2	715.7	807.2	905.7
87.5°	477.9	494.6	498.5	508.4	532.0	559.0	592.8	640.6	718.2	815.6	914.1
90°	490.3	507.8	507.8	513.4	533.3	556.5	587.6	633.8	711.9	812.4	908.8
92.5°	477.9	494.6	498.5	508.4	532.0	559.0	592.8	640.6	718.2	815.6	914.1
95°	464.6	480.4	488.7	502.4	528.5	558.8	594.6	642.2	715.7	807.2	905.7
97.5°	451.0	466.1	478.2	495.4	523.8	557.2	594.9	642.3	711.3	796.9	893.4
100°	437.0	451.5	466.4	486.7	516.9	553.1	592.7	639.4	703.1	782.4	873.8
102.5°	422.7	436.5	453.0	475.9	507.6	546.1	587.6	633.5	691.1	764.4	847.1
105°	407.9	421.4	437.7	462.7	495.5	535.9	579.4	624.3	675.5	745.7	826.8
107.5°	392.9	406.1	420.1	446.7	479.5	522.3	564.3	609.7	660.7	724.8	801.9
110°	375.6	388.5	400.1	426.4	459.4	500.1	544.4	590.8	641.1	697.9	771.3



TEST NUMBER: P231949

CATALOG NUMBER: FVS4WM-4-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°	353.6	367.1	381.2	404.5	436.5	475.7	520.8	566.7	616.7	670.7	734.7
115°	331.7	344.3	359.9	380.3	410.4	447.7	493.0	539.1	587.7	640.3	695.4
117.5°	309.1	320.0	336.0	354.8	383.3	418.6	460.6	507.5	553.4	604.5	658.1
120°	285.8	295.0	310.6	329.6	354.3	385.8	424.6	470.3	516.7	563.0	617.5
122.5°	263.8	271.0	283.6	301.3	323.5	352.7	387.5	427.7	476.8	524.4	572.8
125°	242.2	246.2	255.9	271.9	292.6	317.7	351.1	391.2	434.3	481.1	526.7
127.5°	219.9	222.2	229.5	241.6	264.8	291.3	321.7	355.9	393.0	433.3	476.8
130°	198.6	203.1	211.1	224.5	243.3	265.3	292.1	321.4	353.6	387.7	423.7
132.5°	189.8	192.9	199.8	209.6	222.4	241.8	263.1	288.4	315.6	343.8	375.1
135°	181.4	184.4	188.8	195.6	206.2	218.3	236.9	256.2	279.8	303.8	329.5
137.5°	173.9	175.3	178.6	183.6	190.2	200.5	211.8	228.3	246.1	265.8	286.6
140°	166.0	167.0	168.8	172.2	177.2	183.4	192.4	202.9	216.0	230.7	246.5
142.5°	158.4	158.8	159.7	161.7	164.9	169.3	175.1	181.8	191.2	201.2	213.0
145°	150.5	150.8	151.2	152.1	153.5	156.6	159.7	165.0	170.1	178.1	188.7
147.5°	141.9	142.7	142.9	143.2	144.0	144.7	147.1	150.3	155.6	162.4	169.0
150°	132.6	133.6	134.5	134.6	134.7	135.7	137.9	140.5	144.8	149.2	153.9
152.5°	121.0	123.9	124.9	126.5	127.8	129.2	131.0	132.9	135.3	137.9	141.2
155°	108.4	112.4	116.8	118.0	119.7	121.4	122.9	124.5	126.2	128.1	130.4
157.5°	96.5	100.5	103.9	107.0	110.0	111.5	113.1	114.6	116.1	117.6	119.2
160°	84.9	88.4	91.6	94.4	97.0	99.3	101.5	103.2	104.5	105.7	106.9
162.5°	73.9	77.3	79.6	82.1	84.3	86.3	88.1	89.7	91.2	92.4	93.5
165°	63.1	65.7	68.1	70.3	72.4	74.1	75.5	76.8	77.9	78.8	79.5
167.5°	52.6	54.8	56.8	58.6	60.4	61.9	63.4	64.7	65.9	66.7	67.4
170°	42.3	44.0	45.6	47.1	48.6	49.9	51.1	52.2	53.1	54.0	54.7
172.5°	31.6	33.0	34.4	35.7	36.9	37.9	38.8	39.6	40.4	41.1	41.7
175°	20.6	21.5	22.4	23.3	24.1	24.9	25.6	26.3	26.9	27.5	28.0
177.5°	10.7	11.0	11.4	11.7	12.0	12.3	12.6	12.8	13.1	13.3	13.5
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P231949

CATALOG NUMBER: FVS4WM-4-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°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
2.5°	13.6	13.8	13.9	13.9	14.0	14.0	14.5	14.3	14.2	14.0	13.9
5°	28.5	28.9	29.3	29.5	29.8	30.0	30.1	30.1	30.6	30.3	30.1
7.5°	42.2	42.7	43.1	43.3	43.6	43.7	43.7	43.7	43.6	43.7	43.2
10°	55.3	55.8	56.2	56.5	56.7	56.7	56.7	56.5	56.2	56.3	55.6
12.5°	67.8	68.2	68.3	68.4	68.3	68.0	67.7	67.2	66.6	65.8	65.2
15°	80.3	80.8	81.2	81.4	81.4	81.3	81.0	80.5	79.9	79.1	78.4
17.5°	94.3	95.0	95.6	96.1	96.5	96.7	96.8	96.7	96.4	96.0	95.8
20°	108.0	109.1	110.1	111.1	112.0	112.8	113.5	114.0	114.3	114.4	114.9
22.5°	120.8	122.3	124.0	125.7	127.2	128.7	130.0	131.1	132.0	132.7	133.8
25°	132.6	134.9	137.2	140.0	142.6	145.1	147.2	149.2	150.8	152.1	153.1
27.5°	145.0	148.6	152.2	156.1	160.3	164.1	167.6	170.7	173.4	175.7	177.4
30°	159.3	164.9	170.3	175.6	182.3	188.5	194.1	199.1	203.5	207.2	210.2
32.5°	176.4	185.3	193.9	202.1	211.4	221.2	230.1	238.2	245.3	251.3	256.2
35°	198.9	211.6	224.8	237.5	249.9	263.0	274.8	285.2	294.1	301.6	307.6
37.5°	228.6	244.6	262.8	279.8	295.5	311.2	325.6	338.3	349.3	358.5	365.8
40°	264.9	285.3	306.6	327.2	346.3	364.6	381.5	396.1	408.4	418.4	426.0
42.5°	308.8	330.6	354.5	379.6	402.4	423.3	444.2	462.2	477.0	488.8	497.6
45°	355.2	383.0	409.3	439.5	467.9	496.2	517.4	538.6	556.3	570.4	580.8
47.5°	406.6	440.6	474.5	507.7	540.8	570.7	599.1	626.1	650.1	670.5	686.9
50°	463.4	502.1	541.2	579.4	618.1	654.2	689.5	724.4	755.0	780.9	801.6
52.5°	519.7	562.5	607.1	651.3	698.4	745.7	789.0	834.8	874.4	907.4	933.3
55°	572.8	622.1	672.7	727.0	784.9	850.0	907.8	956.5	996.9	1028.9	1052.8
57.5°	625.1	680.0	737.8	807.3	883.3	953.9	1024.1	1070.6	1104.1	1128.7	1145.0
60°	673.7	734.2	807.5	886.5	969.0	1046.6	1117.1	1166.0	1187.7	1204.9	1217.1
62.5°	716.3	789.3	872.6	960.9	1045.7	1123.3	1182.0	1230.1	1246.8	1259.2	1267.3
65°	762.7	840.3	932.4	1026.1	1111.6	1183.5	1234.8	1271.9	1293.0	1306.1	1316.1
67.5°	809.6	895.2	989.0	1086.9	1174.2	1239.2	1284.4	1314.3	1333.5	1345.7	1355.0
70°	853.2	947.9	1048.3	1148.9	1234.3	1290.1	1328.2	1347.7	1364.8	1377.9	1387.8
72.5°	891.7	993.3	1101.3	1199.4	1279.9	1331.1	1354.1	1373.5	1392.1	1407.5	1416.0
75°	924.8	1033.8	1141.3	1240.2	1319.6	1353.9	1374.5	1395.5	1416.4	1432.0	1440.9
77.5°	950.5	1065.8	1172.9	1280.0	1343.6	1376.2	1396.2	1415.7	1431.6	1446.5	1457.0
80°	978.9	1089.4	1201.7	1312.6	1370.3	1397.8	1414.8	1428.9	1440.7	1455.5	1469.1
82.5°	1001.8	1112.4	1232.1	1331.3	1385.3	1410.6	1426.5	1440.6	1453.2	1463.4	1477.8
85°	1015.4	1126.6	1250.1	1346.1	1392.3	1415.4	1433.5	1449.6	1462.3	1473.1	1480.8
87.5°	1024.0	1131.6	1255.7	1356.0	1395.8	1417.3	1436.0	1451.5	1464.8	1479.0	1487.0
90°	1015.7	1127.3	1249.2	1357.7	1395.1	1416.7	1435.8	1450.1	1461.3	1477.2	1483.6
92.5°	1024.0	1131.6	1255.7	1356.0	1395.8	1417.3	1436.0	1451.5	1464.8	1479.0	1487.0
95°	1015.4	1126.6	1250.1	1346.1	1392.3	1415.4	1433.5	1449.6	1462.3	1473.1	1480.8
97.5°	1001.8	1112.4	1232.1	1331.3	1385.3	1410.6	1426.5	1440.6	1453.2	1463.4	1477.8
100°	978.9	1089.4	1201.7	1312.6	1370.3	1397.8	1414.8	1428.9	1440.7	1455.5	1469.1
102.5°	950.5	1065.8	1172.9	1280.0	1343.6	1376.2	1396.2	1415.7	1431.6	1446.5	1457.0
105°	924.8	1033.8	1141.3	1240.2	1319.6	1353.9	1374.5	1395.5	1416.4	1432.0	1440.9
107.5°	891.7	993.3	1101.3	1199.4	1279.9	1331.1	1354.1	1373.5	1392.1	1407.5	1416.0
110°	853.2	947.9	1048.3	1148.9	1234.3	1290.1	1328.2	1347.7	1364.8	1377.9	1387.8



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**CANDELA DISTRIBUTION (continued):**

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
112.5°	809.6	895.2	989.0	1086.9	1174.2	1239.2	1284.4	1314.3	1333.5	1345.7	1355.0
115°	762.7	840.3	932.4	1026.1	1111.6	1183.5	1234.8	1271.9	1293.0	1306.1	1316.1
117.5°	716.3	789.3	872.6	960.9	1045.7	1123.3	1182.0	1230.1	1246.8	1259.2	1267.3
120°	673.7	734.2	807.5	886.5	969.0	1046.6	1117.1	1166.0	1187.7	1204.9	1217.1
122.5°	625.1	680.0	737.8	807.3	883.3	953.9	1024.1	1070.6	1104.1	1128.7	1145.0
125°	572.8	622.1	672.7	727.0	784.9	850.0	907.8	956.5	996.9	1028.9	1052.8
127.5°	519.7	562.5	607.1	651.3	698.4	745.7	789.0	834.8	874.4	907.4	933.3
130°	463.4	502.1	541.2	579.4	618.1	654.2	689.5	724.4	755.0	780.9	801.6
132.5°	406.6	440.6	474.5	507.7	540.8	570.7	599.1	626.1	650.1	670.5	686.9
135°	355.2	383.0	409.3	439.5	467.9	496.2	517.4	538.6	556.3	570.4	580.8
137.5°	308.8	330.6	354.5	379.6	402.4	423.3	444.2	462.2	477.0	488.8	497.6
140°	264.9	285.3	306.6	327.2	346.3	364.6	381.5	396.1	408.4	418.4	426.0
142.5°	228.6	244.6	262.8	279.8	295.5	311.2	325.6	338.3	349.3	358.5	365.8
145°	198.9	211.6	224.8	237.5	249.9	263.0	274.8	285.2	294.1	301.6	307.6
147.5°	176.4	185.3	193.9	202.1	211.4	221.2	230.1	238.2	245.3	251.3	256.2
150°	159.3	164.9	170.3	175.6	182.3	188.5	194.1	199.1	203.5	207.2	210.2
152.5°	145.0	148.6	152.2	156.1	160.3	164.1	167.6	170.7	173.4	175.7	177.4
155°	132.6	134.9	137.2	140.0	142.6	145.1	147.2	149.2	150.8	152.1	153.1
157.5°	120.8	122.3	124.0	125.7	127.2	128.7	130.0	131.1	132.0	132.7	133.8
160°	108.0	109.1	110.1	111.1	112.0	112.8	113.5	114.0	114.3	114.4	114.9
162.5°	94.3	95.0	95.6	96.1	96.5	96.7	96.8	96.7	96.4	96.0	95.8
165°	80.3	80.8	81.2	81.4	81.4	81.3	81.0	80.5	79.9	79.1	78.4
167.5°	67.8	68.2	68.3	68.4	68.3	68.0	67.7	67.2	66.6	65.8	65.2
170°	55.3	55.8	56.2	56.5	56.7	56.7	56.7	56.5	56.2	56.3	55.6
172.5°	42.2	42.7	43.1	43.3	43.6	43.7	43.7	43.7	43.6	43.7	43.2
175°	28.5	28.9	29.3	29.5	29.8	30.0	30.1	30.1	30.6	30.3	30.1
177.5°	13.6	13.8	13.9	13.9	14.0	14.0	14.5	14.3	14.2	14.0	13.9
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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**CANDELA DISTRIBUTION (continued):**

	357.5°	360°
0°	0.8	0.8
2.5°	13.8	13.6
5°	29.8	29.5
7.5°	42.8	42.3
10°	54.9	54.2
12.5°	64.1	63.0
15°	77.1	75.7
17.5°	94.5	93.3
20°	114.0	113.2
22.5°	133.5	133.1
25°	153.9	153.9
27.5°	179.0	179.4
30°	212.8	213.7
32.5°	260.6	262.3
35°	312.9	314.9
37.5°	372.3	374.7
40°	432.5	434.5
42.5°	504.8	506.2
45°	589.5	590.7
47.5°	701.4	705.5
50°	819.8	825.9
52.5°	955.9	963.0
55°	1072.3	1077.0
57.5°	1156.7	1156.0
60°	1226.9	1226.1
62.5°	1271.1	1270.8
65°	1322.4	1324.2
67.5°	1361.0	1363.2
70°	1394.5	1397.5
72.5°	1418.7	1416.7
75°	1444.5	1444.6
77.5°	1465.4	1473.3
80°	1481.4	1490.0
82.5°	1490.1	1502.8
85°	1493.9	1509.1
87.5°	1489.3	1513.9
90°	1490.8	1505.9
92.5°	1489.3	1513.9
95°	1493.9	1509.1
97.5°	1490.1	1502.8
100°	1481.4	1490.0
102.5°	1465.4	1473.3
105°	1444.5	1444.6
107.5°	1418.7	1416.7
110°	1394.5	1397.5





TEST NUMBER: P231949

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**CANDELA DISTRIBUTION (continued):**

	357.5°	360°
112.5°	1361.0	1363.2
115°	1322.4	1324.2
117.5°	1271.1	1270.8
120°	1226.9	1226.1
122.5°	1156.7	1156.0
125°	1072.3	1077.0
127.5°	955.9	963.0
130°	819.8	825.9
132.5°	701.4	705.5
135°	589.5	590.7
137.5°	504.8	506.2
140°	432.5	434.5
142.5°	372.3	374.7
145°	312.9	314.9
147.5°	260.6	262.3
150°	212.8	213.7
152.5°	179.0	179.4
155°	153.9	153.9
157.5°	133.5	133.1
160°	114.0	113.2
162.5°	94.5	93.3
165°	77.1	75.7
167.5°	64.1	63.0
170°	54.9	54.2
172.5°	42.8	42.3
175°	29.8	29.5
177.5°	13.8	13.6
180°	0.0	0.0

(END OF REPORT)