

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: P231988

Luminaire Tested: **FVS4WM-4-LD4-30-2HI-P125-UNV-EDC1**

Issue Date: 3/3/2020



**Test Information**

Test Method: LM-79-08  
Report Number: P231988  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1706-121-18)  
Test Lab: INNOVATION CENTER(G3)  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: FAIL-SAFE  
Catalog Number: FVS4WM-4-LD4-30-2HI-P125-UNV-EDC1  
Description: FAILSAFE FVS LED FIXTURE  
4FT LENGTH, 2-MODULE LED WITH P125 LENS  
Light Source: (168) 3000K CCT, 80 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

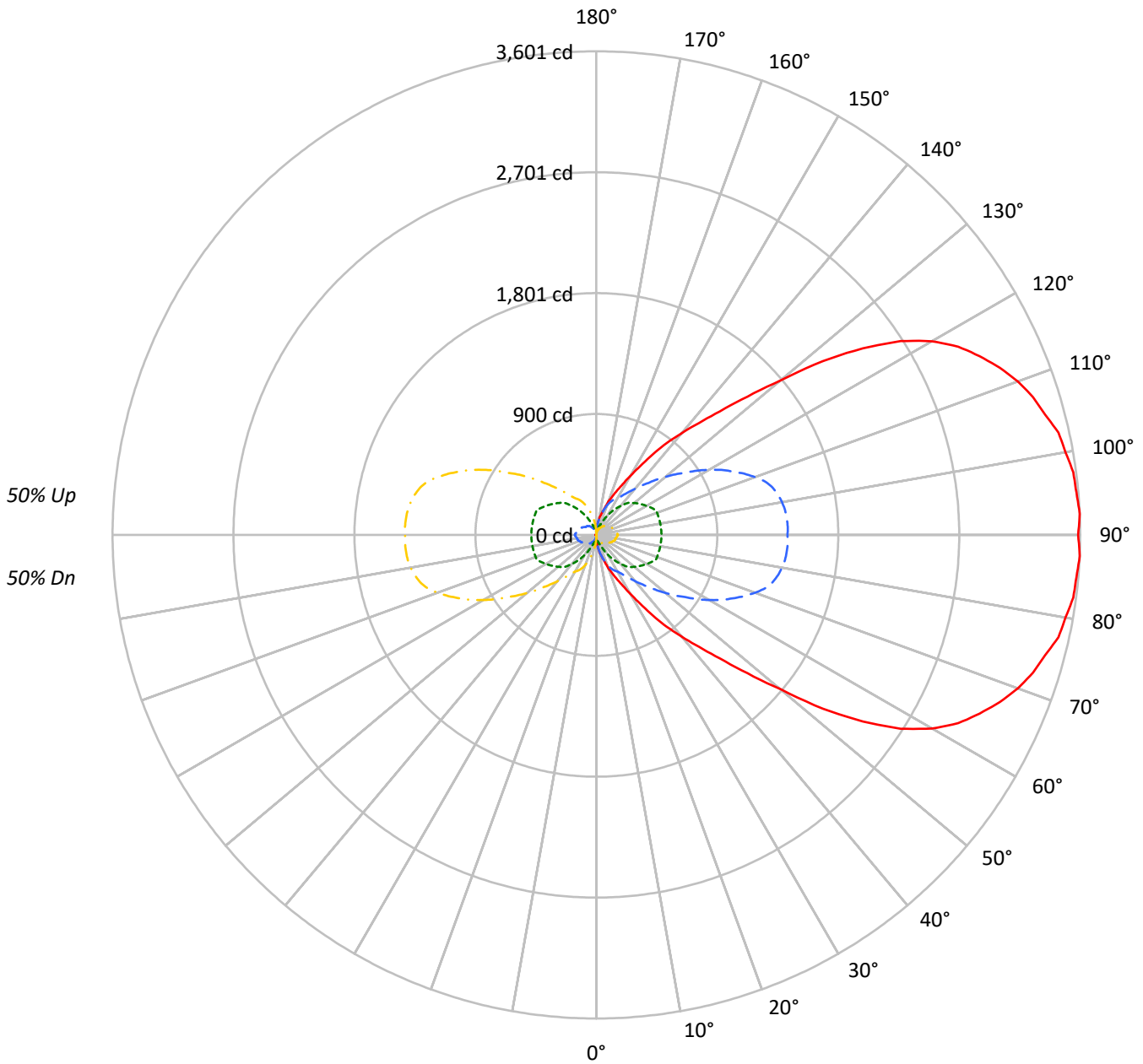
Lumens per Lamp: N/A  
Luminaire Lumens: 8331.3 lumens  
Efficiency: N/A  
Efficacy: 93.3 lumens/watt  
Spacing Criteria (0/90/45): 21.37 / 13.72 / 14.58  
Luminous Opening: Rectangular w/ Sides (W: 3.79' x L: 0.19' x H: 0.31')  
CIE Type: General Diffuse

Input Watts (W): 89.3  
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

TEST NUMBER: P231988

CATALOG NUMBER: FVS4WM-4-LD4-30-2HI-P125-UNV-EDC1

### Luminous Intensity Polar Plot



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



TEST NUMBER: P231988

CATALOG NUMBER: FVS4WM-4-LD4-30-2HI-P125-UNV-EDC1

**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	34	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	25	20	17	12
4	64	51	40	33	58	46	37	30	37	30	24	29	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	13	9	13	9	6	3
9	42	28	20	14	38	26	18	13	21	15	10	16	11	7	12	8	5	3
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°	44	44	44	44
5°	983	324	38	324
10°	1521	608	23	608
15°	1938	900	31	900
20°	2654	1209	29	1209
25°	3392	1842	27	1842
30°	4534	2842	26	2842
35°	6236	3951	25	3951
40°	8157	5211	24	5211
45°	10429	6680	31	6680
50°	14099	7921	30	7921
55°	18910	9470	30	9470
60°	22470	11463	30	11463
65°	24654	14135	30	14135
70°	26488	17347	30	17347
75°	28014	21550	39	21550
80°	29581	28687	0	28687
85°	31074	43276	0	43276



TEST NUMBER: P231988

CATALOG NUMBER: FVS4WM-4-LD4-30-2HI-P125-UNV-EDC1

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	4.3	0.1
10°-20°	27.9	0.3
20°-30°	77.0	0.9
30°-40°	170.1	2.0
40°-50°	329.3	4.0
50°-60°	579.0	7.0
60°-70°	841.0	10.1
70°-80°	1024.0	12.3
80°-90°	1113.0	13.4
90°-100°	1113.0	13.4
100°-110°	1024.0	12.3
110°-120°	841.0	10.1
120°-130°	579.0	7.0
130°-140°	329.3	4.0
140°-150°	170.1	2.0
150°-160°	77.0	0.9
160°-170°	27.9	0.3
170°-180°	4.3	0.1
0°-30°	109.1	1.3
0°-40°	279.2	3.4
0°-60°	1187.6	14.3
0°-90°	4165.6	50.0
90°-120°	2978.0	35.7
90°-150°	4056.5	48.7
90°-180°	4166.0	50.0
0°-180°	8331.3	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	3	3	3	3	3	
5°	74	22	3	22	74	8
15°	179	59	3	59	179	55
25°	361	114	3	114	361	175
35°	731	226	3	226	731	469
45°	1299	338	4	338	1299	1043
55°	2422	401	4	401	2422	2156
65°	3148	464	4	464	3148	3116
75°	3458	482	5	482	3458	3659
85°	3586	484	0	484	3586	2925
90°	3586	485	0	485	3586	1970
95°	3586	484	0	484	3586	2925
105°	3458	482	5	482	3458	3659
115°	3148	464	4	464	3148	3116
125°	2422	401	4	401	2422	2156
135°	1299	338	4	338	1299	1043
145°	731	226	3	226	731	469
155°	361	114	3	114	361	175
165°	179	59	3	59	179	55
175°	74	22	3	22	74	8
180°	2	2	2	2	2	



TEST NUMBER: P231988

CATALOG NUMBER: FVS4WM-4-LD4-30-2HI-P125-UNV-EDC1

**CANDELA DISTRIBUTION (FULL):**

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
0°	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
2.5°	36.6	37.0	37.3	37.7	38.1	38.5	38.8	37.6	37.5	37.3	37.1
5°	74.1	74.8	75.5	76.1	76.8	75.7	75.6	75.4	75.0	74.4	73.8
7.5°	100.1	101.3	102.4	103.5	103.5	103.9	104.2	104.3	104.2	104.0	103.6
10°	128.0	129.7	131.4	133.1	133.1	133.7	134.2	134.4	134.3	134.0	133.4
12.5°	150.1	152.6	155.2	156.7	158.4	159.8	160.9	161.7	162.3	162.5	162.3
15°	178.9	182.0	185.1	186.7	188.6	190.1	191.3	192.1	192.5	192.5	192.2
17.5°	216.5	219.4	222.4	223.1	224.4	225.2	225.7	225.8	225.6	225.0	224.2
20°	264.6	266.5	268.3	267.1	266.7	265.8	264.5	262.9	261.0	258.8	256.5
22.5°	310.7	311.4	312.1	309.4	307.7	305.4	302.7	299.6	296.2	292.6	288.8
25°	360.8	360.4	358.2	355.5	352.0	347.8	343.0	337.6	331.7	325.4	318.7
27.5°	425.2	423.8	419.5	414.6	408.6	401.4	393.1	383.9	373.8	363.0	353.1
30°	508.9	505.4	498.0	489.7	479.9	468.5	455.9	442.1	427.3	411.7	398.2
32.5°	606.1	601.4	591.4	580.3	566.8	551.0	533.0	513.0	491.2	469.8	450.7
35°	731.1	725.0	711.5	696.3	677.6	655.7	630.6	602.6	571.8	544.0	515.9
37.5°	863.9	857.1	841.5	823.8	801.8	775.8	745.8	712.0	675.2	638.2	598.7
40°	989.9	986.0	972.3	955.8	933.7	905.8	872.0	832.2	789.2	744.6	696.6
42.5°	1129.4	1129.6	1118.0	1102.6	1080.3	1050.7	1013.6	968.7	920.5	866.3	805.3
45°	1298.8	1302.4	1290.7	1274.6	1249.9	1216.6	1174.5	1130.9	1070.4	1007.6	939.3
47.5°	1524.8	1529.4	1512.3	1489.9	1456.7	1413.2	1359.4	1300.4	1238.0	1166.3	1092.7
50°	1787.5	1791.1	1767.7	1738.0	1695.9	1641.8	1576.5	1505.8	1427.2	1333.6	1247.9
52.5°	2127.1	2119.0	2075.3	2026.0	1964.3	1892.4	1812.5	1729.1	1625.2	1512.8	1405.6
55°	2421.5	2399.8	2345.0	2286.2	2217.2	2140.8	2055.8	1949.5	1821.8	1692.6	1563.7
57.5°	2686.0	2649.3	2580.5	2508.6	2428.2	2342.1	2248.8	2136.7	2020.3	1867.7	1720.0
60°	2884.2	2840.4	2768.4	2691.9	2605.2	2510.0	2406.2	2294.6	2169.8	2029.0	1874.9
62.5°	3035.2	2979.6	2912.4	2835.1	2748.9	2656.2	2546.0	2431.6	2305.3	2170.4	2012.6
65°	3147.8	3097.7	3035.2	2958.7	2867.4	2766.1	2661.7	2548.6	2420.8	2284.7	2135.5
67.5°	3250.7	3202.8	3142.8	3070.2	2984.5	2878.8	2761.3	2640.0	2515.1	2378.5	2235.4
70°	3338.3	3301.6	3249.5	3178.4	3080.3	2970.6	2854.8	2724.0	2589.2	2460.4	2330.8
72.5°	3408.5	3381.8	3341.0	3282.8	3180.7	3051.7	2925.3	2795.4	2665.9	2538.6	2409.6
75°	3457.6	3444.0	3415.8	3346.5	3232.6	3113.9	2983.9	2861.9	2738.7	2605.4	2471.8
77.5°	3522.0	3503.2	3474.9	3397.1	3281.7	3143.7	3039.8	2920.4	2792.6	2659.4	2520.9
80°	3546.1	3531.3	3502.5	3445.1	3330.6	3202.5	3082.7	2968.1	2832.9	2697.5	2557.3
82.5°	3579.7	3560.7	3523.6	3468.2	3377.3	3239.3	3114.8	2990.1	2859.3	2728.0	2592.0
85°	3586.5	3570.4	3537.8	3486.4	3388.6	3255.5	3131.8	3016.0	2879.4	2749.0	2614.2
87.5°	3600.9	3561.9	3543.7	3504.7	3405.9	3273.3	3141.9	3030.2	2883.0	2755.0	2623.2
90°	3585.5	3558.6	3532.6	3508.6	3403.7	3264.2	3134.3	3026.6	2870.7	2746.6	2618.7
92.5°	3600.9	3561.9	3543.7	3504.7	3405.9	3273.3	3141.9	3030.2	2883.0	2755.0	2623.2
95°	3586.5	3570.4	3537.8	3486.4	3388.6	3255.5	3131.8	3016.0	2879.4	2749.0	2614.2
97.5°	3579.7	3560.7	3523.6	3468.2	3377.3	3239.3	3114.8	2990.1	2859.3	2728.0	2592.0
100°	3546.1	3531.3	3502.5	3445.1	3330.6	3202.5	3082.7	2968.1	2832.9	2697.5	2557.3
102.5°	3522.0	3503.2	3474.9	3397.1	3281.7	3143.7	3039.8	2920.4	2792.6	2659.4	2520.9
105°	3457.6	3444.0	3415.8	3346.5	3232.6	3113.9	2983.9	2861.9	2738.7	2605.4	2471.8
107.5°	3408.5	3381.8	3341.0	3282.8	3180.7	3051.7	2925.3	2795.4	2665.9	2538.6	2409.6
110°	3338.3	3301.6	3249.5	3178.4	3080.3	2970.6	2854.8	2724.0	2589.2	2460.4	2330.8



TEST NUMBER: P231988

CATALOG NUMBER: FVS4WM-4-LD4-30-2HI-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
112.5°	3250.7	3202.8	3142.8	3070.2	2984.5	2878.8	2761.3	2640.0	2515.1	2378.5	2235.4
115°	3147.8	3097.7	3035.2	2958.7	2867.4	2766.1	2661.7	2548.6	2420.8	2284.7	2135.5
117.5°	3035.2	2979.6	2912.4	2835.1	2748.9	2656.2	2546.0	2431.6	2305.3	2170.4	2012.6
120°	2884.2	2840.4	2768.4	2691.9	2605.2	2510.0	2406.2	2294.6	2169.8	2029.0	1874.9
122.5°	2686.0	2649.3	2580.5	2508.6	2428.2	2342.1	2248.8	2136.7	2020.3	1867.7	1720.0
125°	2421.5	2399.8	2345.0	2286.2	2217.2	2140.8	2055.8	1949.5	1821.8	1692.6	1563.7
127.5°	2127.1	2119.0	2075.3	2026.0	1964.3	1892.4	1812.5	1729.1	1625.2	1512.8	1405.6
130°	1787.5	1791.1	1767.7	1738.0	1695.9	1641.8	1576.5	1505.8	1427.2	1333.6	1247.9
132.5°	1524.8	1529.4	1512.3	1489.9	1456.7	1413.2	1359.4	1300.4	1238.0	1166.3	1092.7
135°	1298.8	1302.4	1290.7	1274.6	1249.9	1216.6	1174.5	1130.9	1070.4	1007.6	939.3
137.5°	1129.4	1129.6	1118.0	1102.6	1080.3	1050.7	1013.6	968.7	920.5	866.3	805.3
140°	989.9	986.0	972.3	955.8	933.7	905.8	872.0	832.2	789.2	744.6	696.6
142.5°	863.9	857.1	841.5	823.8	801.8	775.8	745.8	712.0	675.2	638.2	598.7
145°	731.1	725.0	711.5	696.3	677.6	655.7	630.6	602.6	571.8	544.0	515.9
147.5°	606.1	601.4	591.4	580.3	566.8	551.0	533.0	513.0	491.2	469.8	450.7
150°	508.9	505.4	498.0	489.7	479.9	468.5	455.9	442.1	427.3	411.7	398.2
152.5°	425.2	423.8	419.5	414.6	408.6	401.4	393.1	383.9	373.8	363.0	353.1
155°	360.8	360.4	358.2	355.5	352.0	347.8	343.0	337.6	331.7	325.4	318.7
157.5°	310.7	311.4	312.1	309.4	307.7	305.4	302.7	299.6	296.2	292.6	288.8
160°	264.6	266.5	268.3	267.1	266.7	265.8	264.5	262.9	261.0	258.8	256.5
162.5°	216.5	219.4	222.4	223.1	224.4	225.2	225.7	225.8	225.6	225.0	224.2
165°	178.9	182.0	185.1	186.7	188.6	190.1	191.3	192.1	192.5	192.5	192.2
167.5°	150.1	152.6	155.2	156.7	158.4	159.8	160.9	161.7	162.3	162.5	162.3
170°	128.0	129.7	131.4	133.1	133.1	133.7	134.2	134.4	134.3	134.0	133.4
172.5°	100.1	101.3	102.4	103.5	103.5	103.9	104.2	104.3	104.2	104.0	103.6
175°	74.1	74.8	75.5	76.1	76.8	75.7	75.6	75.4	75.0	74.4	73.8
177.5°	36.6	37.0	37.3	37.7	38.1	38.5	38.8	37.6	37.5	37.3	37.1
180°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0



TEST NUMBER: P231988

CATALOG NUMBER: FVS4WM-4-LD4-30-2HI-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
0°	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
2.5°	36.8	36.4	36.0	35.5	34.9	34.3	33.7	32.9	32.1	31.3	30.4
5°	73.0	72.0	71.0	69.8	68.5	67.0	65.4	63.8	62.0	60.1	58.0
7.5°	103.0	102.2	101.3	100.2	98.9	97.4	95.8	94.0	92.1	89.4	86.4
10°	132.6	131.5	130.1	128.5	126.6	124.5	122.2	119.9	117.2	114.4	111.4
12.5°	161.9	161.1	160.0	158.5	156.5	153.9	150.9	147.6	144.1	140.1	135.9
15°	191.4	190.3	188.8	187.1	185.1	182.5	179.6	176.1	172.3	167.6	162.5
17.5°	223.1	221.8	220.1	217.9	215.3	212.3	208.8	204.8	200.3	195.2	189.6
20°	254.1	251.9	249.7	247.3	244.8	242.2	238.6	234.1	229.2	223.8	217.4
22.5°	284.9	281.2	277.6	274.1	270.9	267.7	264.5	261.2	258.1	251.7	245.1
25°	313.3	308.1	302.9	297.9	293.5	289.8	286.5	283.5	279.9	276.4	273.6
27.5°	344.6	336.0	327.2	319.5	313.8	308.5	304.3	300.6	298.1	295.8	292.2
30°	384.1	369.5	355.6	344.7	334.7	324.9	319.4	314.6	314.3	317.1	319.7
32.5°	431.1	411.2	393.3	376.2	358.8	346.3	341.5	338.8	340.1	341.3	343.8
35°	486.3	457.6	435.0	412.5	396.4	386.2	375.1	371.2	366.8	366.5	367.7
37.5°	556.9	520.8	485.5	464.1	448.6	433.3	420.0	407.0	398.7	393.6	392.1
40°	646.9	601.6	566.5	537.3	509.9	486.0	467.6	449.8	435.1	424.1	418.3
42.5°	750.4	707.2	663.8	623.5	585.2	550.9	519.1	497.3	475.8	459.4	447.7
45°	879.9	818.6	766.4	716.1	668.9	622.2	584.0	547.2	522.0	498.0	479.9
47.5°	1018.4	943.9	875.8	810.7	756.1	703.1	652.2	609.4	570.0	541.1	516.6
50°	1161.2	1076.3	990.3	914.2	844.5	783.2	726.6	672.0	627.0	587.1	554.5
52.5°	1301.2	1206.4	1112.4	1019.1	935.7	862.4	798.9	740.2	685.8	637.4	612.9
55°	1443.5	1329.5	1227.4	1128.0	1028.6	942.4	866.8	807.4	759.9	720.2	692.7
57.5°	1581.5	1450.9	1333.4	1227.4	1124.9	1022.8	950.5	891.1	842.2	798.9	769.3
60°	1713.2	1567.2	1433.1	1315.7	1220.7	1126.8	1037.0	969.8	918.8	875.5	842.0
62.5°	1845.8	1674.4	1534.1	1419.2	1315.8	1220.4	1125.6	1048.1	989.7	945.0	910.1
65°	1963.3	1798.8	1641.5	1517.0	1406.7	1304.8	1208.7	1118.1	1056.2	1010.8	976.9
67.5°	2084.0	1915.1	1750.5	1605.3	1489.3	1381.5	1283.4	1191.0	1121.0	1072.1	1037.9
70°	2182.0	2013.8	1850.7	1682.7	1562.2	1453.7	1351.4	1257.5	1179.0	1128.4	1093.7
72.5°	2269.0	2096.5	1923.2	1759.3	1620.7	1517.1	1412.0	1319.6	1232.2	1181.7	1147.5
75°	2331.8	2170.6	1984.6	1820.0	1665.1	1570.2	1460.8	1358.9	1275.7	1225.3	1195.4
77.5°	2384.2	2231.0	2036.2	1868.0	1713.0	1594.9	1486.5	1385.0	1306.8	1261.6	1239.4
80°	2421.2	2273.6	2091.5	1907.5	1748.6	1616.4	1505.8	1403.8	1329.2	1291.8	1280.2
82.5°	2453.4	2308.9	2133.7	1937.7	1773.5	1634.8	1518.9	1416.0	1344.7	1317.4	1318.4
85°	2473.3	2333.3	2162.1	1957.8	1788.2	1648.9	1526.0	1422.6	1354.9	1339.9	1354.9
87.5°	2481.2	2352.4	2183.5	1972.9	1797.4	1661.2	1530.1	1425.9	1361.7	1360.2	1390.3
90°	2477.3	2346.4	2176.1	1966.4	1790.4	1660.5	1523.9	1422.9	1367.1	1381.5	1425.7
92.5°	2481.2	2352.4	2183.5	1972.9	1797.4	1661.2	1530.1	1425.9	1361.7	1360.2	1390.3
95°	2473.3	2333.3	2162.1	1957.8	1788.2	1648.9	1526.0	1422.6	1354.9	1339.9	1354.9
97.5°	2453.4	2308.9	2133.7	1937.7	1773.5	1634.8	1518.9	1416.0	1344.7	1317.4	1318.4
100°	2421.2	2273.6	2091.5	1907.5	1748.6	1616.4	1505.8	1403.8	1329.2	1291.8	1280.2
102.5°	2384.2	2231.0	2036.2	1868.0	1713.0	1594.9	1486.5	1385.0	1306.8	1261.6	1239.4
105°	2331.8	2170.6	1984.6	1820.0	1665.1	1570.2	1460.8	1358.9	1275.7	1225.3	1195.4
107.5°	2269.0	2096.5	1923.2	1759.3	1620.7	1517.1	1412.0	1319.6	1232.2	1181.7	1147.5
110°	2182.0	2013.8	1850.7	1682.7	1562.2	1453.7	1351.4	1257.5	1179.0	1128.4	1093.7





TEST NUMBER: P231988

CATALOG NUMBER: FVS4WM-4-LD4-30-2HI-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
112.5°	2084.0	1915.1	1750.5	1605.3	1489.3	1381.5	1283.4	1191.0	1121.0	1072.1	1037.9
115°	1963.3	1798.8	1641.5	1517.0	1406.7	1304.8	1208.7	1118.1	1056.2	1010.8	976.9
117.5°	1845.8	1674.4	1534.1	1419.2	1315.8	1220.4	1125.6	1048.1	989.7	945.0	910.1
120°	1713.2	1567.2	1433.1	1315.7	1220.7	1126.8	1037.0	969.8	918.8	875.5	842.0
122.5°	1581.5	1450.9	1333.4	1227.4	1124.9	1022.8	950.5	891.1	842.2	798.9	769.3
125°	1443.5	1329.5	1227.4	1128.0	1028.6	942.4	866.8	807.4	759.9	720.2	692.7
127.5°	1301.2	1206.4	1112.4	1019.1	935.7	862.4	798.9	740.2	685.8	637.4	612.9
130°	1161.2	1076.3	990.3	914.2	844.5	783.2	726.6	672.0	627.0	587.1	554.5
132.5°	1018.4	943.9	875.8	810.7	756.1	703.1	652.2	609.4	570.0	541.1	516.6
135°	879.9	818.6	766.4	716.1	668.9	622.2	584.0	547.2	522.0	498.0	479.9
137.5°	750.4	707.2	663.8	623.5	585.2	550.9	519.1	497.3	475.8	459.4	447.7
140°	646.9	601.6	566.5	537.3	509.9	486.0	467.6	449.8	435.1	424.1	418.3
142.5°	556.9	520.8	485.5	464.1	448.6	433.3	420.0	407.0	398.7	393.6	392.1
145°	486.3	457.6	435.0	412.5	396.4	386.2	375.1	371.2	366.8	366.5	367.7
147.5°	431.1	411.2	393.3	376.2	358.8	346.3	341.5	338.8	340.1	341.3	343.8
150°	384.1	369.5	355.6	344.7	334.7	324.9	319.4	314.6	314.3	317.1	319.7
152.5°	344.6	336.0	327.2	319.5	313.8	308.5	304.3	300.6	298.1	295.8	292.2
155°	313.3	308.1	302.9	297.9	293.5	289.8	286.5	283.5	279.9	276.4	273.6
157.5°	284.9	281.2	277.6	274.1	270.9	267.7	264.5	261.2	258.1	251.7	245.1
160°	254.1	251.9	249.7	247.3	244.8	242.2	238.6	234.1	229.2	223.8	217.4
162.5°	223.1	221.8	220.1	217.9	215.3	212.3	208.8	204.8	200.3	195.2	189.6
165°	191.4	190.3	188.8	187.1	185.1	182.5	179.6	176.1	172.3	167.6	162.5
167.5°	161.9	161.1	160.0	158.5	156.5	153.9	150.9	147.6	144.1	140.1	135.9
170°	132.6	131.5	130.1	128.5	126.6	124.5	122.2	119.9	117.2	114.4	111.4
172.5°	103.0	102.2	101.3	100.2	98.9	97.4	95.8	94.0	92.1	89.4	86.4
175°	73.0	72.0	71.0	69.8	68.5	67.0	65.4	63.8	62.0	60.1	58.0
177.5°	36.8	36.4	36.0	35.5	34.9	34.3	33.7	32.9	32.1	31.3	30.4
180°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0



TEST NUMBER: P231988

CATALOG NUMBER: FVS4WM-4-LD4-30-2HI-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
2.5°	29.5	28.5	27.5	26.4	25.3	24.1	22.9	21.7	20.4	19.1	17.8
5°	55.9	53.7	51.4	49.3	47.1	44.8	42.4	40.0	37.5	35.0	32.4
7.5°	83.2	79.9	76.5	72.9	69.3	65.4	61.5	57.9	54.3	50.5	46.7
10°	108.1	104.6	101.2	96.2	91.4	86.4	81.3	76.1	70.7	65.7	60.8
12.5°	131.7	127.3	122.6	117.7	112.6	106.8	100.6	94.1	87.6	80.8	74.5
15°	157.0	151.2	145.9	139.0	132.7	126.1	119.2	111.7	104.0	96.1	88.1
17.5°	184.3	176.5	169.1	161.4	153.4	145.5	137.3	128.8	120.0	111.0	101.9
20°	210.1	202.3	193.9	184.9	175.4	165.5	155.8	145.9	135.6	125.6	115.4
22.5°	238.0	229.2	219.4	209.0	198.1	186.7	174.9	163.4	151.5	139.7	128.6
25°	264.5	256.0	246.2	234.2	224.1	213.8	203.2	192.2	181.3	170.0	159.0
27.5°	291.6	287.3	280.4	272.6	262.1	251.1	239.7	227.8	216.0	204.0	191.8
30°	320.0	319.4	315.5	307.7	298.8	287.4	275.6	263.0	250.8	237.5	224.7
32.5°	346.4	347.1	346.3	341.5	333.0	322.6	310.4	297.5	283.9	270.5	257.0
35°	370.0	372.8	373.3	372.3	365.5	356.3	344.2	332.2	317.2	302.9	289.1
37.5°	393.4	395.9	398.9	398.8	398.1	387.8	377.0	364.1	350.0	334.9	320.7
40°	417.0	418.6	421.8	424.5	423.8	418.5	408.5	395.9	382.2	366.8	352.0
42.5°	441.3	441.7	443.9	447.9	449.2	448.5	438.4	426.9	413.8	398.2	382.8
45°	469.6	463.8	466.3	470.0	474.0	473.7	467.6	457.0	444.2	429.1	413.2
47.5°	497.0	490.1	488.2	491.5	496.6	501.9	504.5	496.2	483.2	466.1	445.5
50°	531.9	519.6	529.7	547.0	559.8	565.7	563.3	549.5	530.5	507.2	479.7
52.5°	599.3	598.2	610.2	624.4	634.7	634.4	624.5	605.8	580.3	550.3	515.7
55°	678.1	677.2	687.0	704.3	713.6	706.8	690.1	664.9	632.5	594.9	553.1
57.5°	753.4	751.2	760.5	783.2	792.8	783.9	759.5	726.4	686.5	641.1	591.7
60°	822.3	822.0	834.8	858.4	873.7	865.3	832.4	790.1	742.1	688.7	631.4
62.5°	891.0	891.1	905.7	931.1	956.3	950.4	908.0	855.9	799.2	737.7	672.0
65°	956.8	955.2	973.1	1001.7	1040.0	1033.3	985.7	923.8	857.7	787.6	713.3
67.5°	1017.9	1014.9	1037.6	1071.4	1114.3	1114.7	1065.7	993.6	917.3	838.4	755.2
70°	1075.7	1074.8	1101.4	1137.5	1173.4	1169.2	1110.8	1024.9	937.3	851.8	764.2
72.5°	1129.2	1124.6	1142.9	1169.5	1190.1	1179.6	1120.0	1031.4	940.8	855.3	767.6
75°	1177.0	1169.8	1182.5	1205.3	1212.8	1192.2	1128.2	1037.0	943.2	857.7	770.1
77.5°	1223.5	1215.1	1222.8	1244.3	1240.4	1206.4	1135.5	1041.7	944.5	859.1	771.8
80°	1268.9	1260.2	1263.8	1285.8	1271.8	1221.5	1141.6	1045.2	944.8	859.6	772.6
82.5°	1313.3	1305.4	1305.4	1329.1	1305.6	1236.9	1146.4	1047.6	943.9	859.1	775.5
85°	1357.0	1350.4	1347.7	1373.4	1340.7	1255.7	1153.2	1051.6	944.0	859.4	773.3
87.5°	1400.3	1395.5	1390.4	1418.6	1376.9	1267.1	1152.8	1049.2	939.5	855.9	771.0
90°	1443.1	1440.2	1434.4	1462.3	1409.4	1278.6	1152.5	1046.7	935.1	852.4	768.7
92.5°	1400.3	1395.5	1390.4	1418.6	1376.9	1267.1	1152.8	1049.2	939.5	855.9	771.0
95°	1357.0	1350.4	1347.7	1373.4	1340.7	1255.7	1153.2	1051.6	944.0	859.4	773.3
97.5°	1313.3	1305.4	1305.4	1329.1	1305.6	1236.9	1146.4	1047.6	943.9	859.1	775.5
100°	1268.9	1260.2	1263.8	1285.8	1271.8	1221.5	1141.6	1045.2	944.8	859.6	772.6
102.5°	1223.5	1215.1	1222.8	1244.3	1240.4	1206.4	1135.5	1041.7	944.5	859.1	771.8
105°	1177.0	1169.8	1182.5	1205.3	1212.8	1192.2	1128.2	1037.0	943.2	857.7	770.1
107.5°	1129.2	1124.6	1142.9	1169.5	1190.1	1179.6	1120.0	1031.4	940.8	855.3	767.6
110°	1075.7	1074.8	1101.4	1137.5	1173.4	1169.2	1110.8	1024.9	937.3	851.8	764.2



TEST NUMBER: P231988

CATALOG NUMBER: FVS4WM-4-LD4-30-2HI-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
112.5°	1017.9	1014.9	1037.6	1071.4	1114.3	1114.7	1065.7	993.6	917.3	838.4	755.2
115°	956.8	955.2	973.1	1001.7	1040.0	1033.3	985.7	923.8	857.7	787.6	713.3
117.5°	891.0	891.1	905.7	931.1	956.3	950.4	908.0	855.9	799.2	737.7	672.0
120°	822.3	822.0	834.8	858.4	873.7	865.3	832.4	790.1	742.1	688.7	631.4
122.5°	753.4	751.2	760.5	783.2	792.8	783.9	759.5	726.4	686.5	641.1	591.7
125°	678.1	677.2	687.0	704.3	713.6	706.8	690.1	664.9	632.5	594.9	553.1
127.5°	599.3	598.2	610.2	624.4	634.7	634.4	624.5	605.8	580.3	550.3	515.7
130°	531.9	519.6	529.7	547.0	559.8	565.7	563.3	549.5	530.5	507.2	479.7
132.5°	497.0	490.1	488.2	491.5	496.6	501.9	504.5	496.3	483.2	466.1	445.5
135°	469.6	463.8	466.3	470.0	474.0	473.7	467.6	457.0	444.2	429.1	413.2
137.5°	441.3	441.7	443.9	447.9	449.2	448.5	438.4	426.9	413.8	398.2	382.8
140°	417.0	418.6	421.8	424.5	423.8	418.5	408.5	395.9	382.2	366.8	352.0
142.5°	393.4	395.9	398.9	398.8	398.1	387.8	377.0	364.1	350.0	334.9	320.7
145°	370.0	372.8	373.3	372.3	365.5	356.3	344.2	332.2	317.2	302.9	289.1
147.5°	346.4	347.1	346.3	341.5	333.0	322.6	310.4	297.5	283.9	270.5	257.0
150°	320.0	319.4	315.5	307.7	298.8	287.4	275.6	263.0	250.8	237.5	224.7
152.5°	291.6	287.3	280.4	272.6	262.1	251.1	239.7	227.8	216.0	204.0	191.8
155°	264.5	256.0	246.2	234.2	224.1	213.8	203.2	192.2	181.3	170.0	159.0
157.5°	238.0	229.2	219.4	209.0	198.1	186.7	174.9	163.4	151.5	139.7	128.6
160°	210.1	202.3	193.9	184.9	175.4	165.5	155.8	145.9	135.6	125.6	115.4
162.5°	184.3	176.5	169.1	161.4	153.4	145.5	137.3	128.8	120.0	111.0	101.9
165°	157.0	151.2	145.9	139.0	132.7	126.1	119.2	111.7	104.0	96.1	88.1
167.5°	131.7	127.3	122.6	117.7	112.6	106.8	100.6	94.1	87.6	80.8	74.5
170°	108.1	104.6	101.2	96.2	91.4	86.4	81.3	76.1	70.7	65.7	60.8
172.5°	83.2	79.9	76.5	72.9	69.3	65.4	61.5	57.9	54.3	50.5	46.7
175°	55.9	53.7	51.4	49.3	47.1	44.8	42.4	40.0	37.5	35.0	32.4
177.5°	29.5	28.5	27.5	26.4	25.3	24.1	22.9	21.7	20.4	19.1	17.8
180°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0



TEST NUMBER: P231988

CATALOG NUMBER: FVS4WM-4-LD4-30-2HI-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
0°	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
2.5°	16.4	15.0	13.6	12.2	12.1	12.0	11.9	11.8	11.6	11.5	11.3
5°	29.7	27.0	24.3	21.5	21.3	21.0	20.7	20.4	20.1	19.7	19.3
7.5°	42.8	38.9	34.9	30.8	30.4	29.9	29.4	28.9	28.3	27.6	27.0
10°	55.7	50.6	45.4	40.1	39.4	38.7	37.9	37.1	36.2	35.4	34.9
12.5°	68.4	62.2	55.8	49.4	48.4	47.4	46.3	45.1	44.1	43.6	43.0
15°	80.9	73.6	66.2	58.7	57.4	56.0	54.5	53.1	52.4	51.7	50.9
17.5°	93.1	84.8	76.5	68.0	66.3	64.5	62.6	61.4	60.5	59.6	58.6
20°	105.2	96.0	86.7	77.3	75.1	72.8	70.6	69.6	68.6	67.5	66.1
22.5°	117.4	106.9	96.8	86.6	83.9	81.1	78.9	77.8	76.5	75.1	73.6
25°	147.8	136.5	125.8	114.5	110.7	106.5	103.1	100.0	96.7	93.1	89.4
27.5°	179.4	166.8	154.9	142.4	137.5	132.2	128.0	123.7	119.2	114.6	109.7
30°	211.1	197.1	184.0	170.3	164.2	157.7	152.4	146.8	141.2	135.3	129.1
32.5°	242.6	227.5	213.1	198.2	190.8	183.2	176.4	169.4	162.4	155.2	147.6
35°	274.1	258.0	242.2	226.1	217.3	208.4	200.0	191.5	183.1	174.2	165.2
37.5°	305.5	288.3	271.3	254.0	243.7	233.3	223.1	213.1	203.5	192.6	182.2
40°	336.8	318.6	300.3	281.9	270.0	258.0	245.9	234.4	222.5	210.2	198.5
42.5°	367.9	348.8	329.4	309.8	296.3	282.4	268.8	255.2	241.4	227.7	214.1
45°	398.4	379.0	358.5	337.7	322.4	306.6	290.7	275.6	259.7	244.0	229.2
47.5°	425.8	402.4	377.7	353.5	335.1	317.0	299.6	283.8	268.1	253.3	238.5
50°	454.0	426.0	397.0	369.3	347.6	326.4	306.8	289.4	273.0	258.2	242.4
52.5°	483.1	449.9	416.5	385.2	359.8	335.6	313.9	295.0	277.9	263.3	247.0
55°	513.1	474.2	436.1	401.0	371.9	344.6	320.9	300.7	283.3	268.8	252.3
57.5°	543.9	498.8	455.7	416.8	383.9	353.5	327.7	306.6	289.1	274.5	258.2
60°	575.3	523.7	475.5	432.6	395.8	362.2	334.5	312.5	295.2	280.4	265.3
62.5°	607.3	548.8	495.3	448.5	407.6	370.8	341.2	318.6	301.5	286.9	272.2
65°	639.8	574.0	515.1	464.3	419.3	379.3	347.8	324.7	308.0	293.8	280.2
67.5°	672.6	599.3	535.0	480.1	431.0	387.7	354.5	331.0	314.7	301.1	288.7
70°	679.0	604.8	538.3	480.6	429.0	385.4	352.3	329.2	313.8	301.5	291.1
72.5°	682.8	609.3	541.5	481.2	427.0	382.9	349.7	326.3	311.1	299.3	289.7
75°	685.9	613.6	546.8	481.7	424.9	380.6	347.3	323.5	308.6	297.5	288.6
77.5°	688.4	617.7	549.1	482.2	423.0	378.5	345.0	320.8	306.2	295.9	287.7
80°	690.4	623.7	551.5	482.8	421.1	376.5	343.0	318.3	303.9	294.5	287.0
82.5°	693.6	626.3	553.8	483.3	419.3	374.7	341.1	315.9	301.8	293.3	286.5
85°	693.6	628.8	556.2	483.8	417.6	373.1	339.5	313.7	299.8	292.2	286.1
87.5°	693.6	631.4	558.5	484.4	416.1	371.7	338.0	311.6	298.0	291.3	285.9
90°	693.6	634.0	560.9	484.9	414.6	370.4	336.7	309.8	296.3	290.5	285.7
92.5°	693.6	631.4	558.5	484.4	416.1	371.7	338.0	311.6	298.0	291.3	285.9
95°	693.6	628.8	556.2	483.8	417.6	373.1	339.5	313.7	299.8	292.2	286.1
97.5°	693.6	626.3	553.8	483.3	419.3	374.7	341.1	315.9	301.8	293.3	286.5
100°	690.4	623.7	551.5	482.8	421.1	376.5	343.0	318.3	303.9	294.5	287.0
102.5°	688.4	617.7	549.1	482.2	423.0	378.5	345.0	320.8	306.2	295.9	287.7
105°	685.9	613.6	546.8	481.7	424.9	380.6	347.3	323.5	308.6	297.5	288.6
107.5°	682.8	609.3	541.5	481.2	427.0	382.9	349.7	326.3	311.1	299.3	289.7
110°	679.0	604.8	538.3	480.6	429.0	385.4	352.3	329.2	313.8	301.5	291.1



TEST NUMBER: P231988

CATALOG NUMBER: FVS4WM-4-LD4-30-2HI-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
112.5°	672.6	599.3	535.0	480.1	431.0	387.7	354.5	331.0	314.7	301.1	288.7
115°	639.8	574.0	515.1	464.3	419.3	379.3	347.8	324.7	308.0	293.8	280.2
117.5°	607.3	548.8	495.3	448.5	407.6	370.8	341.2	318.6	301.5	286.9	272.2
120°	575.3	523.7	475.5	432.6	395.8	362.2	334.5	312.5	295.2	280.4	265.3
122.5°	543.9	498.8	455.7	416.8	383.9	353.5	327.7	306.6	289.1	274.5	258.2
125°	513.1	474.2	436.1	401.0	371.9	344.6	320.9	300.7	283.3	268.8	252.3
127.5°	483.1	449.9	416.5	385.2	359.8	335.6	313.9	295.0	277.9	263.3	247.0
130°	454.0	426.0	397.0	369.3	347.6	326.4	306.8	289.4	273.0	258.2	242.4
132.5°	425.8	402.4	377.7	353.5	335.1	317.0	299.6	283.8	268.1	253.3	238.5
135°	398.4	379.0	358.5	337.7	322.4	306.6	290.7	275.6	259.7	244.0	229.2
137.5°	367.9	348.8	329.4	309.8	296.3	282.4	268.8	255.2	241.4	227.7	214.1
140°	336.8	318.6	300.3	281.9	270.0	258.0	245.9	234.4	222.5	210.2	198.5
142.5°	305.5	288.3	271.3	254.0	243.7	233.3	223.1	213.1	203.5	192.6	182.2
145°	274.1	258.0	242.2	226.1	217.3	208.4	200.0	191.5	183.1	174.2	165.2
147.5°	242.6	227.5	213.1	198.2	190.8	183.2	176.4	169.4	162.4	155.2	147.6
150°	211.1	197.1	184.0	170.3	164.2	157.7	152.4	146.8	141.2	135.3	129.1
152.5°	179.4	166.8	154.9	142.4	137.5	132.2	128.0	123.7	119.2	114.6	109.7
155°	147.8	136.5	125.8	114.5	110.7	106.5	103.1	100.0	96.7	93.1	89.4
157.5°	117.4	106.9	96.8	86.6	83.9	81.1	78.9	77.8	76.5	75.1	73.6
160°	105.2	96.0	86.7	77.3	75.1	72.8	70.6	69.6	68.6	67.5	66.1
162.5°	93.1	84.8	76.5	68.0	66.3	64.5	62.6	61.4	60.5	59.6	58.6
165°	80.9	73.6	66.2	58.7	57.4	56.0	54.5	53.1	52.4	51.7	50.9
167.5°	68.4	62.2	55.8	49.4	48.4	47.4	46.3	45.1	44.1	43.6	43.0
170°	55.7	50.6	45.4	40.1	39.4	38.7	37.9	37.1	36.2	35.4	34.9
172.5°	42.8	38.9	34.9	30.8	30.4	29.9	29.4	28.9	28.3	27.6	27.0
175°	29.7	27.0	24.3	21.5	21.3	21.0	20.7	20.4	20.1	19.7	19.3
177.5°	16.4	15.0	13.6	12.2	12.1	12.0	11.9	11.8	11.6	11.5	11.3
180°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0



TEST NUMBER: P231988

CATALOG NUMBER: FVS4WM-4-LD4-30-2HI-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
0°	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
2.5°	11.1	10.9	10.7	10.4	10.2	9.9	9.6	9.4	9.1	8.8	8.4
5°	18.9	18.4	17.9	17.4	16.9	16.5	16.2	15.8	15.3	14.9	14.4
7.5°	26.3	25.9	25.5	25.0	24.5	23.9	23.4	22.7	22.1	21.4	20.6
10°	34.4	33.8	33.2	32.6	31.8	31.0	30.1	29.2	28.2	27.2	26.1
12.5°	42.3	41.5	40.7	39.7	38.7	37.6	36.5	35.3	33.9	32.6	31.1
15°	50.0	48.9	47.8	46.6	45.4	44.0	42.5	41.0	39.4	37.8	36.2
17.5°	57.4	56.2	54.8	53.4	51.8	50.1	48.4	46.8	45.1	43.4	41.7
20°	64.7	63.3	61.7	59.9	58.1	56.4	54.6	52.7	50.8	48.7	46.6
22.5°	72.0	70.3	68.4	66.5	64.6	62.6	60.5	58.3	56.0	53.7	51.1
25°	85.4	81.3	77.2	73.1	70.9	68.5	66.2	63.7	60.9	58.1	55.2
27.5°	104.7	99.5	94.4	89.3	83.9	78.7	73.5	68.5	65.4	62.3	59.2
30°	122.8	116.7	110.5	104.0	97.5	91.0	84.7	78.7	73.0	67.5	63.1
32.5°	140.1	132.8	125.1	117.1	109.2	101.5	94.3	87.6	81.2	75.4	70.0
35°	156.6	147.8	138.1	128.6	119.3	110.6	102.7	95.2	88.3	81.8	75.8
37.5°	172.2	161.1	149.7	138.6	128.1	118.8	110.0	101.7	94.1	87.1	80.8
40°	186.7	173.2	160.1	147.4	136.4	125.9	116.0	107.0	99.1	92.0	85.6
42.5°	199.6	184.2	169.4	155.8	143.5	131.9	121.1	112.0	103.9	96.6	89.7
45°	211.7	194.3	177.6	163.4	149.8	136.7	126.2	116.6	108.4	100.4	92.8
47.5°	220.7	203.2	185.9	170.2	155.1	141.9	130.6	121.2	112.1	103.3	95.3
50°	224.9	207.7	191.7	176.0	160.1	146.9	135.5	125.2	115.0	105.7	97.1
52.5°	230.0	213.4	197.8	182.1	167.8	155.2	143.7	130.7	117.4	107.3	98.4
55°	236.0	220.2	204.6	189.0	176.6	165.4	153.9	140.4	126.4	112.8	100.0
57.5°	242.8	227.5	212.2	197.6	186.3	176.8	164.4	150.2	135.4	120.8	107.4
60°	250.3	235.4	220.3	207.7	197.9	188.8	175.4	160.0	143.9	128.4	114.1
62.5°	258.6	243.8	229.1	218.6	210.5	200.5	186.2	169.7	151.9	135.7	120.2
65°	267.2	252.7	238.7	230.2	223.9	212.6	196.9	178.6	159.8	142.5	125.7
67.5°	276.2	262.3	250.0	242.9	238.2	225.2	207.7	187.3	167.6	148.9	130.7
70°	280.2	268.4	259.4	255.7	251.1	237.5	218.4	195.8	175.2	155.1	135.2
72.5°	279.3	268.4	260.5	256.6	251.4	239.7	222.7	202.1	182.4	161.2	139.4
75°	278.8	268.8	261.5	257.3	250.5	238.6	222.1	202.2	181.9	161.7	142.6
77.5°	278.6	269.7	262.4	257.8	249.9	238.6	222.7	202.9	182.2	161.9	144.2
80°	278.9	270.8	263.5	258.2	249.6	239.4	224.4	204.1	183.1	163.1	146.4
82.5°	279.3	272.3	264.5	258.5	249.6	240.9	226.9	205.9	184.8	165.2	149.2
85°	280.0	274.1	265.7	258.9	249.8	243.0	230.3	208.4	187.2	168.3	152.7
87.5°	280.9	276.0	267.0	259.3	250.4	245.5	234.2	211.6	190.4	172.3	156.8
90°	281.9	278.0	268.4	259.8	251.1	248.2	238.6	215.5	194.3	177.0	161.6
92.5°	280.9	276.0	267.0	259.3	250.4	245.5	234.2	211.6	190.4	172.3	156.8
95°	280.0	274.1	265.7	258.9	249.8	243.0	230.3	208.4	187.2	168.3	152.7
97.5°	279.3	272.3	264.5	258.5	249.6	240.9	226.9	205.9	184.8	165.2	149.2
100°	278.9	270.8	263.5	258.2	249.6	239.4	224.4	204.1	183.1	163.1	146.4
102.5°	278.6	269.7	262.4	257.8	249.9	238.6	222.7	202.9	182.2	161.9	144.2
105°	278.8	268.8	261.5	257.3	250.5	238.6	222.1	202.2	181.9	161.7	142.6
107.5°	279.3	268.4	260.5	256.6	251.4	239.7	222.7	202.1	182.4	161.2	139.4
110°	280.2	268.4	259.4	255.7	251.1	237.5	218.4	195.8	175.2	155.1	135.2



TEST NUMBER: P231988

CATALOG NUMBER: FVS4WM-4-LD4-30-2HI-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
112.5°	276.2	262.3	250.0	242.9	238.2	225.2	207.7	187.3	167.6	148.9	130.7
115°	267.2	252.7	238.7	230.2	223.9	212.6	196.9	178.6	159.8	142.5	125.7
117.5°	258.6	243.8	229.1	218.6	210.5	200.5	186.2	169.7	151.9	135.7	120.2
120°	250.3	235.4	220.3	207.7	197.9	188.8	175.4	160.0	143.9	128.4	114.1
122.5°	242.8	227.5	212.2	197.6	186.3	176.8	164.4	150.2	135.4	120.8	107.4
125°	236.0	220.2	204.6	189.0	176.6	165.4	153.9	140.4	126.4	112.8	100.0
127.5°	230.0	213.4	197.8	182.1	167.8	155.2	143.7	130.7	117.4	107.3	98.4
130°	224.9	207.7	191.7	176.0	160.1	146.9	135.5	125.2	115.0	105.7	97.1
132.5°	220.7	203.2	185.9	170.2	155.1	141.9	130.6	121.2	112.1	103.3	95.3
135°	211.7	194.3	177.6	163.4	149.8	136.7	126.2	116.6	108.4	100.4	92.8
137.5°	199.6	184.2	169.4	155.8	143.5	131.9	121.1	112.0	103.9	96.6	89.7
140°	186.7	173.2	160.1	147.4	136.4	125.9	116.0	107.0	99.1	92.0	85.6
142.5°	172.2	161.1	149.7	138.6	128.1	118.8	110.0	101.7	94.1	87.1	80.8
145°	156.6	147.8	138.1	128.6	119.3	110.6	102.7	95.2	88.3	81.8	75.8
147.5°	140.1	132.8	125.1	117.1	109.2	101.5	94.3	87.6	81.2	75.4	70.0
150°	122.8	116.7	110.5	104.0	97.5	91.0	84.7	78.7	73.0	67.5	63.1
152.5°	104.7	99.5	94.4	89.3	83.9	78.7	73.5	68.5	65.4	62.3	59.2
155°	85.4	81.3	77.2	73.1	70.9	68.5	66.2	63.7	60.9	58.1	55.2
157.5°	72.0	70.3	68.4	66.5	64.6	62.6	60.5	58.3	56.0	53.7	51.1
160°	64.7	63.3	61.7	59.9	58.1	56.4	54.6	52.7	50.8	48.7	46.6
162.5°	57.4	56.2	54.8	53.4	51.8	50.1	48.4	46.8	45.1	43.4	41.7
165°	50.0	48.9	47.8	46.6	45.4	44.0	42.5	41.0	39.4	37.8	36.2
167.5°	42.3	41.5	40.7	39.7	38.7	37.6	36.5	35.3	33.9	32.6	31.1
170°	34.4	33.8	33.2	32.6	31.8	31.0	30.1	29.2	28.2	27.2	26.1
172.5°	26.3	25.9	25.5	25.0	24.5	23.9	23.4	22.7	22.1	21.4	20.6
175°	18.9	18.4	17.9	17.4	16.9	16.5	16.2	15.8	15.3	14.9	14.4
177.5°	11.1	10.9	10.7	10.4	10.2	9.9	9.6	9.4	9.1	8.8	8.4
180°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0



TEST NUMBER: P231988

CATALOG NUMBER: FVS4WM-4-LD4-30-2HI-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
0°	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
2.5°	8.1	7.8	7.5	7.1	6.8	6.4	6.0	5.7	5.3	4.9	4.6
5°	13.9	13.4	12.8	12.2	11.7	11.1	10.5	9.8	9.2	8.5	7.8
7.5°	19.8	18.9	18.0	17.1	16.2	15.3	14.3	13.3	12.3	11.3	10.3
10°	25.0	23.8	22.6	21.3	20.0	18.7	17.4	16.0	14.6	13.3	11.8
12.5°	29.7	28.2	26.6	25.2	23.7	22.3	20.8	19.2	17.7	16.1	14.5
15°	34.7	33.1	31.5	29.8	28.1	26.3	24.4	22.6	20.7	18.7	16.8
17.5°	39.8	37.9	35.9	33.8	31.8	29.7	27.5	25.3	23.1	20.9	18.6
20°	44.4	42.2	39.8	37.4	35.0	32.6	30.1	27.7	25.2	22.8	20.3
22.5°	48.5	45.9	43.3	40.6	38.0	35.3	32.6	30.0	27.3	24.7	22.0
25°	52.4	49.5	46.6	43.8	41.0	38.1	35.3	32.4	29.4	26.5	23.5
27.5°	56.0	53.1	50.1	47.1	44.0	40.7	37.5	34.3	31.2	28.1	25.0
30°	60.0	56.8	53.3	49.8	46.4	43.1	39.8	36.6	33.2	30.0	26.7
32.5°	64.7	59.8	56.2	52.7	49.3	45.9	42.6	39.2	35.8	32.3	28.7
35°	70.0	64.9	60.0	56.0	52.6	49.2	45.6	42.0	38.3	34.5	30.6
37.5°	75.1	69.7	64.9	60.4	56.2	52.5	48.6	44.5	40.4	36.3	32.1
40°	79.6	74.0	68.9	64.2	59.7	55.4	51.1	46.7	42.4	38.0	33.5
42.5°	83.2	77.3	71.9	66.7	61.9	57.4	53.3	48.7	43.6	38.6	33.8
45°	86.0	79.7	73.8	68.3	63.4	58.6	53.6	49.0	44.1	39.2	34.4
47.5°	88.0	81.2	75.0	69.4	63.7	58.2	53.3	49.0	44.9	40.0	35.2
50°	89.3	82.2	75.7	69.2	63.2	57.9	53.1	48.7	44.6	40.6	35.6
52.5°	90.2	82.8	75.5	68.8	62.9	57.5	52.6	48.0	43.7	39.7	35.2
55°	90.8	82.6	75.1	68.4	62.5	56.9	51.6	46.8	42.5	38.3	34.6
57.5°	94.7	82.9	74.8	68.1	61.8	55.6	50.4	45.8	41.5	37.5	33.7
60°	100.4	87.9	77.0	67.5	60.3	54.7	49.8	45.1	40.8	36.8	32.9
62.5°	105.5	92.1	81.2	70.3	60.9	54.4	49.3	44.7	40.4	36.4	32.3
65°	109.7	96.7	84.8	73.5	64.5	56.2	49.2	44.7	40.7	35.9	30.9
67.5°	114.0	101.2	88.0	77.2	67.6	58.9	51.5	45.7	40.4	35.1	30.1
70°	118.9	104.9	91.7	80.5	70.3	61.2	53.8	46.8	40.1	35.0	29.3
72.5°	123.8	108.8	95.6	83.7	72.9	63.3	55.3	46.7	39.8	33.8	28.2
75°	127.8	113.1	99.4	86.8	75.1	65.3	55.4	46.1	38.2	31.1	26.0
77.5°	129.1	114.6	101.4	89.1	77.3	66.7	55.2	44.8	35.7	28.3	22.6
80°	131.1	116.3	102.9	90.0	77.9	66.5	54.6	43.2	33.3	25.1	18.5
82.5°	133.8	118.5	105.0	91.3	78.8	66.5	54.0	42.6	32.0	22.3	14.4
85°	137.2	121.3	107.8	93.1	80.1	67.1	54.3	43.1	31.9	22.0	13.2
87.5°	141.4	124.7	111.2	95.7	82.0	68.7	55.5	44.6	32.7	22.5	13.3
90°	146.2	128.9	115.4	99.1	84.7	71.2	57.7	47.1	34.6	24.1	14.4
92.5°	141.4	124.7	111.2	95.7	82.0	68.7	55.5	44.6	32.7	22.5	13.3
95°	137.2	121.3	107.8	93.1	80.1	67.1	54.3	43.1	31.9	22.0	13.2
97.5°	133.8	118.5	105.0	91.3	78.8	66.5	54.0	42.6	32.0	22.3	14.4
100°	131.1	116.3	102.9	90.0	77.9	66.5	54.6	43.2	33.3	25.1	18.5
102.5°	129.1	114.6	101.4	89.1	77.3	66.7	55.2	44.8	35.7	28.3	22.6
105°	127.8	113.1	99.4	86.8	75.1	65.3	55.4	46.1	38.2	31.1	26.0
107.5°	123.8	108.8	95.6	83.7	72.9	63.3	55.3	46.7	39.8	33.8	28.2
110°	118.9	104.9	91.7	80.5	70.3	61.2	53.8	46.8	40.1	35.0	29.3





TEST NUMBER: P231988

CATALOG NUMBER: FVS4WM-4-LD4-30-2HI-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
112.5°	114.0	101.2	88.0	77.2	67.6	58.9	51.5	45.7	40.4	35.1	30.1
115°	109.7	96.7	84.8	73.5	64.5	56.2	49.2	44.7	40.7	35.9	30.9
117.5°	105.5	92.1	81.2	70.3	60.9	54.4	49.3	44.7	40.4	36.4	32.3
120°	100.4	87.9	77.0	67.5	60.3	54.7	49.8	45.1	40.8	36.8	32.9
122.5°	94.7	82.9	74.8	68.1	61.8	55.6	50.4	45.8	41.5	37.5	33.7
125°	90.8	82.6	75.1	68.4	62.5	56.9	51.6	46.8	42.5	38.3	34.6
127.5°	90.2	82.8	75.5	68.8	62.9	57.5	52.6	48.0	43.7	39.7	35.2
130°	89.3	82.2	75.7	69.2	63.2	57.9	53.1	48.7	44.6	40.6	35.6
132.5°	88.0	81.2	75.0	69.4	63.7	58.2	53.3	49.0	44.9	40.0	35.2
135°	86.0	79.7	73.8	68.3	63.4	58.6	53.6	49.0	44.1	39.2	34.4
137.5°	83.2	77.3	71.9	66.7	61.9	57.4	53.3	48.7	43.6	38.6	33.8
140°	79.6	74.0	68.9	64.2	59.7	55.4	51.1	46.7	42.4	38.0	33.5
142.5°	75.1	69.7	64.9	60.4	56.2	52.5	48.6	44.5	40.4	36.3	32.1
145°	70.0	64.9	60.0	56.0	52.6	49.2	45.6	42.0	38.3	34.5	30.6
147.5°	64.7	59.8	56.2	52.7	49.3	45.9	42.6	39.2	35.8	32.3	28.7
150°	60.0	56.8	53.3	49.8	46.4	43.1	39.8	36.6	33.2	30.0	26.7
152.5°	56.0	53.1	50.1	47.1	44.0	40.7	37.5	34.3	31.2	28.1	25.0
155°	52.4	49.5	46.6	43.8	41.0	38.1	35.3	32.4	29.4	26.5	23.5
157.5°	48.5	45.9	43.3	40.6	38.0	35.3	32.6	30.0	27.3	24.7	22.0
160°	44.4	42.2	39.8	37.4	35.0	32.6	30.1	27.7	25.2	22.8	20.3
162.5°	39.8	37.9	35.9	33.8	31.8	29.7	27.5	25.3	23.1	20.9	18.6
165°	34.7	33.1	31.5	29.8	28.1	26.3	24.4	22.6	20.7	18.7	16.8
167.5°	29.7	28.2	26.6	25.2	23.7	22.3	20.8	19.2	17.7	16.1	14.5
170°	25.0	23.8	22.6	21.3	20.0	18.7	17.4	16.0	14.6	13.3	11.8
172.5°	19.8	18.9	18.0	17.1	16.2	15.3	14.3	13.3	12.3	11.3	10.3
175°	13.9	13.4	12.8	12.2	11.7	11.1	10.5	9.8	9.2	8.5	7.8
177.5°	8.1	7.8	7.5	7.1	6.8	6.4	6.0	5.7	5.3	4.9	4.6
180°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0



TEST NUMBER: P231988

CATALOG NUMBER: FVS4WM-4-LD4-30-2HI-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
0°	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
2.5°	4.2	3.8	3.4	3.0	2.7	2.3	1.9	2.3	2.7	3.0	3.4
5°	7.2	6.5	5.8	5.1	4.3	3.6	2.9	3.6	4.3	5.1	5.8
7.5°	9.3	8.2	7.2	6.1	5.0	4.0	2.9	4.0	5.0	6.1	7.2
10°	10.4	9.0	7.6	6.2	4.7	3.3	1.9	3.3	4.7	6.2	7.6
12.5°	12.9	11.3	9.6	8.0	6.3	4.6	2.9	4.6	6.3	8.0	9.6
15°	14.8	12.9	10.9	8.9	6.9	4.9	2.9	4.9	6.9	8.9	10.9
17.5°	16.4	14.2	11.9	9.7	7.4	5.2	2.9	5.2	7.4	9.7	11.9
20°	17.8	15.3	12.9	10.4	7.9	5.4	2.9	5.4	7.9	10.4	12.9
22.5°	19.3	16.6	13.9	11.1	8.4	5.6	2.9	5.6	8.4	11.1	13.9
25°	20.6	17.6	14.7	11.7	8.8	5.8	2.9	5.8	8.8	11.7	14.7
27.5°	21.9	18.7	15.6	12.4	9.2	6.1	2.9	6.1	9.2	12.4	15.6
30°	23.4	20.1	16.7	13.2	9.8	6.4	2.9	6.4	9.8	13.2	16.7
32.5°	25.1	21.5	17.8	14.1	10.4	6.6	2.9	6.6	10.4	14.1	17.8
35°	26.7	22.7	18.8	14.8	10.8	6.9	2.9	6.9	10.8	14.8	18.8
37.5°	28.0	23.8	19.6	15.5	11.3	7.1	2.9	7.1	11.3	15.5	19.6
40°	28.9	24.4	20.0	15.6	11.4	7.1	2.9	7.1	11.4	15.6	20.0
42.5°	29.2	24.7	20.3	15.9	11.5	7.2	2.9	7.2	11.5	15.9	20.3
45°	29.8	25.3	20.9	16.6	12.3	8.1	3.8	8.1	12.3	16.6	20.9
47.5°	30.5	25.8	21.3	16.8	12.5	8.1	3.8	8.1	12.5	16.8	21.3
50°	30.7	25.8	21.1	16.6	12.3	8.0	3.8	8.0	12.3	16.6	21.1
52.5°	30.1	25.4	20.9	16.5	12.2	8.0	3.8	8.0	12.2	16.5	20.9
55°	30.1	25.3	20.8	16.4	12.1	7.9	3.8	7.9	12.1	16.4	20.8
57.5°	29.9	25.1	20.5	16.1	11.9	7.8	3.8	7.8	11.9	16.1	20.5
60°	29.0	24.6	19.8	15.4	11.4	7.5	3.8	7.5	11.4	15.4	19.8
62.5°	27.6	23.1	18.5	14.3	10.6	7.1	3.8	7.1	10.6	14.3	18.5
65°	26.1	21.4	17.1	13.4	10.0	6.8	3.8	6.8	10.0	13.4	17.1
67.5°	25.0	20.2	16.0	12.4	9.2	6.4	3.8	6.4	9.2	12.4	16.0
70°	23.8	19.1	14.7	10.7	7.8	5.6	3.8	5.6	7.8	10.7	14.7
72.5°	22.8	17.7	12.7	8.8	7.1	5.8	4.8	5.8	7.1	8.8	12.7
75°	21.8	16.4	11.9	8.2	6.1	5.3	4.8	5.3	6.1	8.2	11.9
77.5°	18.4	15.4	10.6	6.1	2.2	0.5	0.0	0.5	2.2	6.1	10.6
80°	13.8	10.8	6.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.7
82.5°	9.0	5.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	6.2	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	6.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	6.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	6.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	6.2	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	9.0	5.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	13.8	10.8	6.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.7
102.5°	18.4	15.4	10.6	6.1	2.2	0.5	0.0	0.5	2.2	6.1	10.6
105°	21.8	16.4	11.9	8.2	6.1	5.3	4.8	5.3	6.1	8.2	11.9
107.5°	22.8	17.7	12.7	8.8	7.1	5.8	4.8	5.8	7.1	8.8	12.7
110°	23.8	19.1	14.7	10.7	7.8	5.6	3.8	5.6	7.8	10.7	14.7



TEST NUMBER: P231988

CATALOG NUMBER: FVS4WM-4-LD4-30-2HI-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
112.5°	25.0	20.2	16.0	12.4	9.2	6.4	3.8	6.4	9.2	12.4	16.0
115°	26.1	21.4	17.1	13.4	10.0	6.8	3.8	6.8	10.0	13.4	17.1
117.5°	27.6	23.1	18.5	14.3	10.6	7.1	3.8	7.1	10.6	14.3	18.5
120°	29.0	24.6	19.8	15.4	11.4	7.5	3.8	7.5	11.4	15.4	19.8
122.5°	29.9	25.1	20.5	16.1	11.9	7.8	3.8	7.8	11.9	16.1	20.5
125°	30.1	25.3	20.8	16.4	12.1	7.9	3.8	7.9	12.1	16.4	20.8
127.5°	30.1	25.4	20.9	16.5	12.2	8.0	3.8	8.0	12.2	16.5	20.9
130°	30.7	25.8	21.1	16.6	12.3	8.0	3.8	8.0	12.3	16.6	21.1
132.5°	30.5	25.8	21.3	16.8	12.5	8.1	3.8	8.1	12.5	16.8	21.3
135°	29.8	25.3	20.9	16.6	12.3	8.1	3.8	8.1	12.3	16.6	20.9
137.5°	29.2	24.7	20.3	15.9	11.5	7.2	2.9	7.2	11.5	15.9	20.3
140°	28.9	24.4	20.0	15.6	11.4	7.1	2.9	7.1	11.4	15.6	20.0
142.5°	28.0	23.8	19.6	15.5	11.3	7.1	2.9	7.1	11.3	15.5	19.6
145°	26.7	22.7	18.8	14.8	10.8	6.9	2.9	6.9	10.8	14.8	18.8
147.5°	25.1	21.5	17.8	14.1	10.4	6.6	2.9	6.6	10.4	14.1	17.8
150°	23.4	20.1	16.7	13.2	9.8	6.4	2.9	6.4	9.8	13.2	16.7
152.5°	21.9	18.7	15.6	12.4	9.2	6.1	2.9	6.1	9.2	12.4	15.6
155°	20.6	17.6	14.7	11.7	8.8	5.8	2.9	5.8	8.8	11.7	14.7
157.5°	19.3	16.6	13.9	11.1	8.4	5.6	2.9	5.6	8.4	11.1	13.9
160°	17.8	15.3	12.9	10.4	7.9	5.4	2.9	5.4	7.9	10.4	12.9
162.5°	16.4	14.2	11.9	9.7	7.4	5.2	2.9	5.2	7.4	9.7	11.9
165°	14.8	12.9	10.9	8.9	6.9	4.9	2.9	4.9	6.9	8.9	10.9
167.5°	12.9	11.3	9.6	8.0	6.3	4.6	2.9	4.6	6.3	8.0	9.6
170°	10.4	9.0	7.6	6.2	4.7	3.3	1.9	3.3	4.7	6.2	7.6
172.5°	9.3	8.2	7.2	6.1	5.0	4.0	2.9	4.0	5.0	6.1	7.2
175°	7.2	6.5	5.8	5.1	4.3	3.6	2.9	3.6	4.3	5.1	5.8
177.5°	4.2	3.8	3.4	3.0	2.7	2.3	1.9	2.3	2.7	3.0	3.4
180°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0



TEST NUMBER: P231988

CATALOG NUMBER: FVS4WM-4-LD4-30-2HI-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
0°	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
2.5°	3.8	4.2	4.6	4.9	5.3	5.7	6.0	6.4	6.8	7.1	7.5
5°	6.5	7.2	7.8	8.5	9.2	9.8	10.5	11.1	11.7	12.2	12.8
7.5°	8.2	9.3	10.3	11.3	12.3	13.3	14.3	15.3	16.2	17.1	18.0
10°	9.0	10.4	11.8	13.3	14.6	16.0	17.4	18.7	20.0	21.3	22.6
12.5°	11.3	12.9	14.5	16.1	17.7	19.2	20.8	22.3	23.7	25.2	26.6
15°	12.9	14.8	16.8	18.7	20.7	22.6	24.4	26.3	28.1	29.8	31.5
17.5°	14.2	16.4	18.6	20.9	23.1	25.3	27.5	29.7	31.8	33.8	35.9
20°	15.3	17.8	20.3	22.8	25.2	27.7	30.1	32.6	35.0	37.4	39.8
22.5°	16.6	19.3	22.0	24.7	27.3	30.0	32.6	35.3	38.0	40.6	43.3
25°	17.6	20.6	23.5	26.5	29.4	32.4	35.3	38.1	41.0	43.8	46.6
27.5°	18.7	21.9	25.0	28.1	31.2	34.3	37.5	40.7	44.0	47.1	50.1
30°	20.1	23.4	26.7	30.0	33.2	36.6	39.8	43.1	46.4	49.8	53.3
32.5°	21.5	25.1	28.7	32.3	35.8	39.2	42.6	45.9	49.3	52.7	56.2
35°	22.7	26.7	30.6	34.5	38.3	42.0	45.6	49.2	52.6	56.0	60.0
37.5°	23.8	28.0	32.1	36.3	40.4	44.5	48.6	52.5	56.2	60.4	64.9
40°	24.4	28.9	33.5	38.0	42.4	46.7	51.1	55.4	59.7	64.2	68.9
42.5°	24.7	29.2	33.8	38.6	43.6	48.7	53.3	57.4	61.9	66.7	71.9
45°	25.3	29.8	34.4	39.2	44.1	49.0	53.6	58.6	63.4	68.3	73.8
47.5°	25.8	30.5	35.2	40.0	44.9	49.0	53.3	58.2	63.7	69.4	75.0
50°	25.8	30.7	35.6	40.6	44.6	48.7	53.1	57.9	63.2	69.2	75.7
52.5°	25.4	30.1	35.2	39.7	43.7	48.0	52.6	57.5	62.9	68.8	75.5
55°	25.3	30.1	34.6	38.3	42.5	46.8	51.6	56.9	62.5	68.4	75.1
57.5°	25.1	29.9	33.7	37.5	41.5	45.8	50.4	55.6	61.8	68.1	74.8
60°	24.6	29.0	32.9	36.8	40.8	45.1	49.8	54.7	60.3	67.5	77.0
62.5°	23.1	27.6	32.3	36.4	40.4	44.7	49.3	54.4	60.9	70.3	81.2
65°	21.4	26.1	30.9	35.9	40.7	44.7	49.2	56.2	64.5	73.5	84.8
67.5°	20.2	25.0	30.1	35.1	40.4	45.7	51.5	58.9	67.6	77.2	88.0
70°	19.1	23.8	29.3	35.0	40.1	46.8	53.8	61.2	70.3	80.5	91.7
72.5°	17.7	22.8	28.2	33.8	39.8	46.7	55.3	63.3	72.9	83.7	95.6
75°	16.4	21.8	26.0	31.1	38.2	46.1	55.4	65.3	75.1	86.8	99.4
77.5°	15.4	18.4	22.6	28.3	35.7	44.8	55.2	66.7	77.3	89.1	101.4
80°	10.8	13.8	18.5	25.1	33.3	43.2	54.6	66.5	77.9	90.0	102.9
82.5°	5.3	9.0	14.4	22.3	32.0	42.6	54.0	66.5	78.8	91.3	105.0
85°	1.5	6.2	13.2	22.0	31.9	43.1	54.3	67.1	80.1	93.1	107.8
87.5°	0.5	6.0	13.3	22.5	32.7	44.6	55.5	68.7	82.0	95.7	111.2
90°	0.0	6.7	14.4	24.1	34.6	47.1	57.7	71.2	84.7	99.1	115.4
92.5°	0.5	6.0	13.3	22.5	32.7	44.6	55.5	68.7	82.0	95.7	111.2
95°	1.5	6.2	13.2	22.0	31.9	43.1	54.3	67.1	80.1	93.1	107.8
97.5°	5.3	9.0	14.4	22.3	32.0	42.6	54.0	66.5	78.8	91.3	105.0
100°	10.8	13.8	18.5	25.1	33.3	43.2	54.6	66.5	77.9	90.0	102.9
102.5°	15.4	18.4	22.6	28.3	35.7	44.8	55.2	66.7	77.3	89.1	101.4
105°	16.4	21.8	26.0	31.1	38.2	46.1	55.4	65.3	75.1	86.8	99.4
107.5°	17.7	22.8	28.2	33.8	39.8	46.7	55.3	63.3	72.9	83.7	95.6
110°	19.1	23.8	29.3	35.0	40.1	46.8	53.8	61.2	70.3	80.5	91.7



TEST NUMBER: P231988

CATALOG NUMBER: FVS4WM-4-LD4-30-2HI-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
112.5°	20.2	25.0	30.1	35.1	40.4	45.7	51.5	58.9	67.6	77.2	88.0
115°	21.4	26.1	30.9	35.9	40.7	44.7	49.2	56.2	64.5	73.5	84.8
117.5°	23.1	27.6	32.3	36.4	40.4	44.7	49.3	54.4	60.9	70.3	81.2
120°	24.6	29.0	32.9	36.8	40.8	45.1	49.8	54.7	60.3	67.5	77.0
122.5°	25.1	29.9	33.7	37.5	41.5	45.8	50.4	55.6	61.8	68.1	74.8
125°	25.3	30.1	34.6	38.3	42.5	46.8	51.6	56.9	62.5	68.4	75.1
127.5°	25.4	30.1	35.2	39.7	43.7	48.0	52.6	57.5	62.9	68.8	75.5
130°	25.8	30.7	35.6	40.6	44.6	48.7	53.1	57.9	63.2	69.2	75.7
132.5°	25.8	30.5	35.2	40.0	44.9	49.0	53.3	58.2	63.7	69.4	75.0
135°	25.3	29.8	34.4	39.2	44.1	49.0	53.6	58.6	63.4	68.3	73.8
137.5°	24.7	29.2	33.8	38.6	43.6	48.7	53.3	57.4	61.9	66.7	71.9
140°	24.4	28.9	33.5	38.0	42.4	46.7	51.1	55.4	59.7	64.2	68.9
142.5°	23.8	28.0	32.1	36.3	40.4	44.5	48.6	52.5	56.2	60.4	64.9
145°	22.7	26.7	30.6	34.5	38.3	42.0	45.6	49.2	52.6	56.0	60.0
147.5°	21.5	25.1	28.7	32.3	35.8	39.2	42.6	45.9	49.3	52.7	56.2
150°	20.1	23.4	26.7	30.0	33.2	36.6	39.8	43.1	46.4	49.8	53.3
152.5°	18.7	21.9	25.0	28.1	31.2	34.3	37.5	40.7	44.0	47.1	50.1
155°	17.6	20.6	23.5	26.5	29.4	32.4	35.3	38.1	41.0	43.8	46.6
157.5°	16.6	19.3	22.0	24.7	27.3	30.0	32.6	35.3	38.0	40.6	43.3
160°	15.3	17.8	20.3	22.8	25.2	27.7	30.1	32.6	35.0	37.4	39.8
162.5°	14.2	16.4	18.6	20.9	23.1	25.3	27.5	29.7	31.8	33.8	35.9
165°	12.9	14.8	16.8	18.7	20.7	22.6	24.4	26.3	28.1	29.8	31.5
167.5°	11.3	12.9	14.5	16.1	17.7	19.2	20.8	22.3	23.7	25.2	26.6
170°	9.0	10.4	11.8	13.3	14.6	16.0	17.4	18.7	20.0	21.3	22.6
172.5°	8.2	9.3	10.3	11.3	12.3	13.3	14.3	15.3	16.2	17.1	18.0
175°	6.5	7.2	7.8	8.5	9.2	9.8	10.5	11.1	11.7	12.2	12.8
177.5°	3.8	4.2	4.6	4.9	5.3	5.7	6.0	6.4	6.8	7.1	7.5
180°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0



TEST NUMBER: P231988

CATALOG NUMBER: FVS4WM-4-LD4-30-2HI-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
0°	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
2.5°	7.8	8.1	8.4	8.8	9.1	9.4	9.6	9.9	10.2	10.4	10.7
5°	13.4	13.9	14.4	14.9	15.3	15.8	16.2	16.5	16.9	17.4	17.9
7.5°	18.9	19.8	20.6	21.4	22.1	22.7	23.4	23.9	24.5	25.0	25.5
10°	23.8	25.0	26.1	27.2	28.2	29.2	30.1	31.0	31.8	32.6	33.2
12.5°	28.2	29.7	31.1	32.6	33.9	35.3	36.5	37.6	38.7	39.7	40.7
15°	33.1	34.7	36.2	37.8	39.4	41.0	42.5	44.0	45.4	46.6	47.8
17.5°	37.9	39.8	41.7	43.4	45.1	46.8	48.4	50.1	51.8	53.4	54.8
20°	42.2	44.4	46.6	48.7	50.8	52.7	54.6	56.4	58.1	59.9	61.7
22.5°	45.9	48.5	51.1	53.7	56.0	58.3	60.5	62.6	64.6	66.5	68.4
25°	49.5	52.4	55.2	58.1	60.9	63.7	66.2	68.5	70.9	73.1	77.2
27.5°	53.1	56.0	59.2	62.3	65.4	68.5	73.5	78.7	83.9	89.3	94.4
30°	56.8	60.0	63.1	67.5	73.0	78.7	84.7	91.0	97.5	104.0	110.5
32.5°	59.8	64.7	70.0	75.4	81.2	87.6	94.3	101.5	109.2	117.1	125.1
35°	64.9	70.0	75.8	81.8	88.3	95.2	102.7	110.6	119.3	128.6	138.1
37.5°	69.7	75.1	80.8	87.1	94.1	101.7	110.0	118.8	128.1	138.6	149.7
40°	74.0	79.6	85.6	92.0	99.1	107.0	116.0	125.9	136.4	147.4	160.1
42.5°	77.3	83.2	89.7	96.6	103.9	112.0	121.1	131.9	143.5	155.8	169.4
45°	79.7	86.0	92.8	100.4	108.4	116.6	126.2	136.7	149.8	163.4	177.6
47.5°	81.2	88.0	95.3	103.3	112.1	121.2	130.6	141.9	155.1	170.2	185.9
50°	82.2	89.3	97.1	105.7	115.0	125.2	135.5	146.9	160.1	176.0	191.7
52.5°	82.8	90.2	98.4	107.3	117.4	130.7	143.7	155.2	167.8	182.1	197.8
55°	82.6	90.8	100.0	112.8	126.4	140.4	153.9	165.4	176.6	189.0	204.6
57.5°	82.9	94.7	107.4	120.8	135.4	150.2	164.4	176.8	186.3	197.6	212.2
60°	87.9	100.4	114.1	128.4	143.9	160.0	175.4	188.8	197.9	207.7	220.3
62.5°	92.1	105.5	120.2	135.7	151.9	169.7	186.2	200.5	210.5	218.6	229.1
65°	96.7	109.7	125.7	142.5	159.8	178.6	196.9	212.6	223.9	230.2	238.7
67.5°	101.2	114.0	130.7	148.9	167.6	187.3	207.7	225.2	238.2	242.9	250.0
70°	104.9	118.9	135.2	155.1	175.2	195.8	218.4	237.5	251.1	255.7	259.4
72.5°	108.8	123.8	139.4	161.2	182.4	202.1	222.7	239.7	251.4	256.6	260.5
75°	113.1	127.8	142.6	161.7	181.9	202.2	222.1	238.6	250.5	257.3	261.5
77.5°	114.6	129.1	144.2	161.9	182.2	202.9	222.7	238.6	249.9	257.8	262.4
80°	116.3	131.1	146.4	163.1	183.1	204.1	224.4	239.4	249.6	258.2	263.5
82.5°	118.5	133.8	149.2	165.2	184.8	205.9	226.9	240.9	249.6	258.5	264.5
85°	121.3	137.2	152.7	168.3	187.2	208.4	230.3	243.0	249.8	258.9	265.7
87.5°	124.7	141.4	156.8	172.3	190.4	211.6	234.2	245.5	250.4	259.3	267.0
90°	128.9	146.2	161.6	177.0	194.3	215.5	238.6	248.2	251.1	259.8	268.4
92.5°	124.7	141.4	156.8	172.3	190.4	211.6	234.2	245.5	250.4	259.3	267.0
95°	121.3	137.2	152.7	168.3	187.2	208.4	230.3	243.0	249.8	258.9	265.7
97.5°	118.5	133.8	149.2	165.2	184.8	205.9	226.9	240.9	249.6	258.5	264.5
100°	116.3	131.1	146.4	163.1	183.1	204.1	224.4	239.4	249.6	258.2	263.5
102.5°	114.6	129.1	144.2	161.9	182.2	202.9	222.7	238.6	249.9	257.8	262.4
105°	113.1	127.8	142.6	161.7	181.9	202.2	222.1	238.6	250.5	257.3	261.5
107.5°	108.8	123.8	139.4	161.2	182.4	202.1	222.7	239.7	251.4	256.6	260.5
110°	104.9	118.9	135.2	155.1	175.2	195.8	218.4	237.5	251.1	255.7	259.4



TEST NUMBER: P231988

CATALOG NUMBER: FVS4WM-4-LD4-30-2HI-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
112.5°	101.2	114.0	130.7	148.9	167.6	187.3	207.7	225.2	238.2	242.9	250.0
115°	96.7	109.7	125.7	142.5	159.8	178.6	196.9	212.6	223.9	230.2	238.7
117.5°	92.1	105.5	120.2	135.7	151.9	169.7	186.2	200.5	210.5	218.6	229.1
120°	87.9	100.4	114.1	128.4	143.9	160.0	175.4	188.8	197.9	207.7	220.3
122.5°	82.9	94.7	107.4	120.8	135.4	150.2	164.4	176.8	186.3	197.6	212.2
125°	82.6	90.8	100.0	112.8	126.4	140.4	153.9	165.4	176.6	189.0	204.6
127.5°	82.8	90.2	98.4	107.3	117.4	130.7	143.7	155.2	167.8	182.1	197.8
130°	82.2	89.3	97.1	105.7	115.0	125.2	135.5	146.9	160.1	176.0	191.7
132.5°	81.2	88.0	95.3	103.3	112.1	121.2	130.6	141.9	155.1	170.2	185.9
135°	79.7	86.0	92.8	100.4	108.4	116.6	126.2	136.7	149.8	163.4	177.6
137.5°	77.3	83.2	89.7	96.6	103.9	112.0	121.1	131.9	143.5	155.8	169.4
140°	74.0	79.6	85.6	92.0	99.1	107.0	116.0	125.9	136.4	147.4	160.1
142.5°	69.7	75.1	80.8	87.1	94.1	101.7	110.0	118.8	128.1	138.6	149.7
145°	64.9	70.0	75.8	81.8	88.3	95.2	102.7	110.6	119.3	128.6	138.1
147.5°	59.8	64.7	70.0	75.4	81.2	87.6	94.3	101.5	109.2	117.1	125.1
150°	56.8	60.0	63.1	67.5	73.0	78.7	84.7	91.0	97.5	104.0	110.5
152.5°	53.1	56.0	59.2	62.3	65.4	68.5	73.5	78.7	83.9	89.3	94.4
155°	49.5	52.4	55.2	58.1	60.9	63.7	66.2	68.5	70.9	73.1	77.2
157.5°	45.9	48.5	51.1	53.7	56.0	58.3	60.5	62.6	64.6	66.5	68.4
160°	42.2	44.4	46.6	48.7	50.8	52.7	54.6	56.4	58.1	59.9	61.7
162.5°	37.9	39.8	41.7	43.4	45.1	46.8	48.4	50.1	51.8	53.4	54.8
165°	33.1	34.7	36.2	37.8	39.4	41.0	42.5	44.0	45.4	46.6	47.8
167.5°	28.2	29.7	31.1	32.6	33.9	35.3	36.5	37.6	38.7	39.7	40.7
170°	23.8	25.0	26.1	27.2	28.2	29.2	30.1	31.0	31.8	32.6	33.2
172.5°	18.9	19.8	20.6	21.4	22.1	22.7	23.4	23.9	24.5	25.0	25.5
175°	13.4	13.9	14.4	14.9	15.3	15.8	16.2	16.5	16.9	17.4	17.9
177.5°	7.8	8.1	8.4	8.8	9.1	9.4	9.6	9.9	10.2	10.4	10.7
180°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0



TEST NUMBER: P231988

CATALOG NUMBER: FVS4WM-4-LD4-30-2HI-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
0°	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
2.5°	10.9	11.1	11.3	11.5	11.6	11.8	11.9	12.0	12.1	12.2	13.6
5°	18.4	18.9	19.3	19.7	20.1	20.4	20.7	21.0	21.3	21.5	24.3
7.5°	25.9	26.3	27.0	27.6	28.3	28.9	29.4	29.9	30.4	30.8	34.9
10°	33.8	34.4	34.9	35.4	36.2	37.1	37.9	38.7	39.4	40.1	45.4
12.5°	41.5	42.3	43.0	43.6	44.1	45.1	46.3	47.4	48.4	49.4	55.8
15°	48.9	50.0	50.9	51.7	52.4	53.1	54.5	56.0	57.4	58.7	66.2
17.5°	56.2	57.4	58.6	59.6	60.5	61.4	62.6	64.5	66.3	68.0	76.5
20°	63.3	64.7	66.1	67.5	68.6	69.6	70.6	72.8	75.1	77.3	86.7
22.5°	70.3	72.0	73.6	75.1	76.5	77.8	78.9	81.1	83.9	86.6	96.8
25°	81.3	85.4	89.4	93.1	96.7	100.0	103.1	106.5	110.7	114.5	125.8
27.5°	99.5	104.7	109.7	114.6	119.2	123.7	128.0	132.2	137.5	142.4	154.9
30°	116.7	122.8	129.1	135.3	141.2	146.8	152.4	157.7	164.2	170.3	184.0
32.5°	132.8	140.1	147.6	155.2	162.4	169.4	176.4	183.2	190.8	198.2	213.1
35°	147.8	156.6	165.2	174.2	183.1	191.5	200.0	208.4	217.3	226.1	242.2
37.5°	161.1	172.2	182.2	192.6	203.5	213.1	223.1	233.3	243.7	254.0	271.3
40°	173.2	186.7	198.5	210.2	222.5	234.4	245.9	258.0	270.0	281.9	300.3
42.5°	184.2	199.6	214.1	227.7	241.4	255.2	268.8	282.4	296.3	309.8	329.4
45°	194.3	211.7	229.2	244.0	259.7	275.6	290.7	306.6	322.4	337.7	358.5
47.5°	203.2	220.7	238.5	253.3	268.1	283.8	299.6	317.0	335.1	353.5	377.7
50°	207.7	224.9	242.4	258.2	273.0	289.4	306.8	326.4	347.6	369.3	397.0
52.5°	213.4	230.0	247.0	263.3	277.9	295.0	313.9	335.6	359.8	385.2	416.5
55°	220.2	236.0	252.3	268.8	283.3	300.7	320.9	344.6	371.9	401.0	436.1
57.5°	227.5	242.8	258.2	274.5	289.1	306.6	327.7	353.5	383.9	416.8	455.7
60°	235.4	250.3	265.3	280.4	295.2	312.5	334.5	362.2	395.8	432.6	475.5
62.5°	243.8	258.6	272.2	286.9	301.5	318.6	341.2	370.8	407.6	448.5	495.3
65°	252.7	267.2	280.2	293.8	308.0	324.7	347.8	379.3	419.3	464.3	515.1
67.5°	262.3	276.2	288.7	301.1	314.7	331.0	354.5	387.7	431.0	480.1	535.0
70°	268.4	280.2	291.1	301.5	313.8	329.2	352.3	385.4	429.0	480.6	538.3
72.5°	268.4	279.3	289.7	299.3	311.1	326.3	349.7	382.9	427.0	481.2	541.5
75°	268.8	278.8	288.6	297.5	308.6	323.5	347.3	380.6	424.9	481.7	546.8
77.5°	269.7	278.6	287.7	295.9	306.2	320.8	345.0	378.5	423.0	482.2	549.1
80°	270.8	278.9	287.0	294.5	303.9	318.3	343.0	376.5	421.1	482.8	551.5
82.5°	272.3	279.3	286.5	293.3	301.8	315.9	341.1	374.7	419.3	483.3	553.8
85°	274.1	280.0	286.1	292.2	299.8	313.7	339.5	373.1	417.6	483.8	556.2
87.5°	276.0	280.9	285.9	291.3	298.0	311.6	338.0	371.7	416.1	484.4	558.5
90°	278.0	281.9	285.7	290.5	296.3	309.8	336.7	370.4	414.6	484.9	560.9
92.5°	276.0	280.9	285.9	291.3	298.0	311.6	338.0	371.7	416.1	484.4	558.5
95°	274.1	280.0	286.1	292.2	299.8	313.7	339.5	373.1	417.6	483.8	556.2
97.5°	272.3	279.3	286.5	293.3	301.8	315.9	341.1	374.7	419.3	483.3	553.8
100°	270.8	278.9	287.0	294.5	303.9	318.3	343.0	376.5	421.1	482.8	551.5
102.5°	269.7	278.6	287.7	295.9	306.2	320.8	345.0	378.5	423.0	482.2	549.1
105°	268.8	278.8	288.6	297.5	308.6	323.5	347.3	380.6	424.9	481.7	546.8
107.5°	268.4	279.3	289.7	299.3	311.1	326.3	349.7	382.9	427.0	481.2	541.5
110°	268.4	280.2	291.1	301.5	313.8	329.2	352.3	385.4	429.0	480.6	538.3





TEST NUMBER: P231988

CATALOG NUMBER: FVS4WM-4-LD4-30-2HI-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
112.5°	262.3	276.2	288.7	301.1	314.7	331.0	354.5	387.7	431.0	480.1	535.0
115°	252.7	267.2	280.2	293.8	308.0	324.7	347.8	379.3	419.3	464.3	515.1
117.5°	243.8	258.6	272.2	286.9	301.5	318.6	341.2	370.8	407.6	448.5	495.3
120°	235.4	250.3	265.3	280.4	295.2	312.5	334.5	362.2	395.8	432.6	475.5
122.5°	227.5	242.8	258.2	274.5	289.1	306.6	327.7	353.5	383.9	416.8	455.7
125°	220.2	236.0	252.3	268.8	283.3	300.7	320.9	344.6	371.9	401.0	436.1
127.5°	213.4	230.0	247.0	263.3	277.9	295.0	313.9	335.6	359.8	385.2	416.5
130°	207.7	224.9	242.4	258.2	273.0	289.4	306.8	326.4	347.6	369.3	397.0
132.5°	203.2	220.7	238.5	253.3	268.1	283.8	299.6	317.0	335.1	353.5	377.7
135°	194.3	211.7	229.2	244.0	259.7	275.6	290.7	306.6	322.4	337.7	358.5
137.5°	184.2	199.6	214.1	227.7	241.4	255.2	268.8	282.4	296.3	309.8	329.4
140°	173.2	186.7	198.5	210.2	222.5	234.4	245.9	258.0	270.0	281.9	300.3
142.5°	161.1	172.2	182.2	192.6	203.5	213.1	223.1	233.3	243.7	254.0	271.3
145°	147.8	156.6	165.2	174.2	183.1	191.5	200.0	208.4	217.3	226.1	242.2
147.5°	132.8	140.1	147.6	155.2	162.4	169.4	176.4	183.2	190.8	198.2	213.1
150°	116.7	122.8	129.1	135.3	141.2	146.8	152.4	157.7	164.2	170.3	184.0
152.5°	99.5	104.7	109.7	114.6	119.2	123.7	128.0	132.2	137.5	142.4	154.9
155°	81.3	85.4	89.4	93.1	96.7	100.0	103.1	106.5	110.7	114.5	125.8
157.5°	70.3	72.0	73.6	75.1	76.5	77.8	78.9	81.1	83.9	86.6	96.8
160°	63.3	64.7	66.1	67.5	68.6	69.6	70.6	72.8	75.1	77.3	86.7
162.5°	56.2	57.4	58.6	59.6	60.5	61.4	62.6	64.5	66.3	68.0	76.5
165°	48.9	50.0	50.9	51.7	52.4	53.1	54.5	56.0	57.4	58.7	66.2
167.5°	41.5	42.3	43.0	43.6	44.1	45.1	46.3	47.4	48.4	49.4	55.8
170°	33.8	34.4	34.9	35.4	36.2	37.1	37.9	38.7	39.4	40.1	45.4
172.5°	25.9	26.3	27.0	27.6	28.3	28.9	29.4	29.9	30.4	30.8	34.9
175°	18.4	18.9	19.3	19.7	20.1	20.4	20.7	21.0	21.3	21.5	24.3
177.5°	10.9	11.1	11.3	11.5	11.6	11.8	11.9	12.0	12.1	12.2	13.6
180°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0



TEST NUMBER: P231988

CATALOG NUMBER: FVS4WM-4-LD4-30-2HI-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
0°	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
2.5°	15.0	16.4	17.8	19.1	20.4	21.7	22.9	24.1	25.3	26.4	27.5
5°	27.0	29.7	32.4	35.0	37.5	40.0	42.4	44.8	47.1	49.3	51.4
7.5°	38.9	42.8	46.7	50.5	54.3	57.9	61.5	65.4	69.3	72.9	76.5
10°	50.6	55.7	60.8	65.7	70.7	76.1	81.3	86.4	91.4	96.2	101.2
12.5°	62.2	68.4	74.5	80.8	87.6	94.1	100.6	106.8	112.6	117.7	122.6
15°	73.6	80.9	88.1	96.1	104.0	111.7	119.2	126.1	132.7	139.0	145.9
17.5°	84.8	93.1	101.9	111.0	120.0	128.8	137.3	145.5	153.4	161.4	169.1
20°	96.0	105.2	115.4	125.6	135.6	145.9	155.8	165.5	175.4	184.9	193.9
22.5°	106.9	117.4	128.6	139.7	151.5	163.4	174.9	186.7	198.1	209.0	219.4
25°	136.5	147.8	159.0	170.0	181.3	192.2	203.2	213.8	224.1	234.2	246.2
27.5°	166.8	179.4	191.8	204.0	216.0	227.8	239.7	251.1	262.1	272.6	280.4
30°	197.1	211.1	224.7	237.5	250.8	263.0	275.6	287.4	298.8	307.7	315.5
32.5°	227.5	242.6	257.0	270.5	283.9	297.5	310.4	322.6	333.0	341.5	346.3
35°	258.0	274.1	289.1	302.9	317.2	332.2	344.2	356.3	365.5	372.3	373.3
37.5°	288.3	305.5	320.7	334.9	350.0	364.1	377.0	387.8	398.1	398.8	398.9
40°	318.6	336.8	352.0	366.8	382.2	395.9	408.5	418.5	423.8	424.5	421.8
42.5°	348.8	367.9	382.8	398.2	413.8	426.9	438.4	448.5	449.2	447.9	443.9
45°	379.0	398.4	413.2	429.1	444.2	457.0	467.6	473.7	474.0	470.0	466.3
47.5°	402.4	425.8	445.5	466.1	483.2	496.3	504.5	501.9	496.6	491.5	488.2
50°	426.0	454.0	479.7	507.2	530.5	549.5	563.3	565.7	559.8	547.0	529.7
52.5°	449.9	483.1	515.7	550.3	580.3	605.8	624.5	634.4	634.7	624.4	610.2
55°	474.2	513.1	553.1	594.9	632.5	664.9	690.1	706.8	713.6	704.3	687.0
57.5°	498.8	543.9	591.7	641.1	686.5	726.4	759.5	783.9	792.8	783.2	760.5
60°	523.7	575.3	631.4	688.7	742.1	790.1	832.4	865.3	873.7	858.4	834.8
62.5°	548.8	607.3	672.0	737.7	799.2	855.9	908.0	950.4	956.3	931.1	905.7
65°	574.0	639.8	713.3	787.6	857.7	923.8	985.7	1033.3	1040.0	1001.7	973.1
67.5°	599.3	672.6	755.2	838.4	917.3	993.6	1065.7	1114.7	1114.3	1071.4	1037.6
70°	604.8	679.0	764.2	851.8	937.3	1024.9	1110.8	1169.2	1173.4	1137.5	1101.4
72.5°	609.3	682.8	767.6	855.3	940.8	1031.4	1120.0	1179.6	1190.1	1169.5	1142.9
75°	613.6	685.9	770.1	857.7	943.2	1037.0	1128.2	1192.2	1212.8	1205.3	1182.5
77.5°	617.7	688.4	771.8	859.1	944.5	1041.7	1135.5	1206.4	1240.4	1244.3	1222.8
80°	623.7	690.4	772.6	859.6	944.8	1045.2	1141.6	1221.5	1271.8	1285.8	1263.8
82.5°	626.3	693.6	775.5	859.1	943.9	1047.6	1146.4	1236.9	1305.6	1329.1	1305.4
85°	628.8	693.6	773.3	859.4	944.0	1051.6	1153.2	1255.7	1340.7	1373.4	1347.7
87.5°	631.4	693.6	771.0	855.9	939.5	1049.2	1152.8	1267.1	1376.9	1418.6	1390.4
90°	634.0	693.6	768.7	852.4	935.1	1046.7	1152.5	1278.6	1409.4	1462.3	1434.4
92.5°	631.4	693.6	771.0	855.9	939.5	1049.2	1152.8	1267.1	1376.9	1418.6	1390.4
95°	628.8	693.6	773.3	859.4	944.0	1051.6	1153.2	1255.7	1340.7	1373.4	1347.7
97.5°	626.3	693.6	775.5	859.1	943.9	1047.6	1146.4	1236.9	1305.6	1329.1	1305.4
100°	623.7	690.4	772.6	859.6	944.8	1045.2	1141.6	1221.5	1271.8	1285.8	1263.8
102.5°	617.7	688.4	771.8	859.1	944.5	1041.7	1135.5	1206.4	1240.4	1244.3	1222.8
105°	613.6	685.9	770.1	857.7	943.2	1037.0	1128.2	1192.2	1212.8	1205.3	1182.5
107.5°	609.3	682.8	767.6	855.3	940.8	1031.4	1120.0	1179.6	1190.1	1169.5	1142.9
110°	604.8	679.0	764.2	851.8	937.3	1024.9	1110.8	1169.2	1173.4	1137.5	1101.4



TEST NUMBER: P231988

CATALOG NUMBER: FVS4WM-4-LD4-30-2HI-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
112.5°	599.3	672.6	755.2	838.4	917.3	993.6	1065.7	1114.7	1114.3	1071.4	1037.6
115°	574.0	639.8	713.3	787.6	857.7	923.8	985.7	1033.3	1040.0	1001.7	973.1
117.5°	548.8	607.3	672.0	737.7	799.2	855.9	908.0	950.4	956.3	931.1	905.7
120°	523.7	575.3	631.4	688.7	742.1	790.1	832.4	865.3	873.7	858.4	834.8
122.5°	498.8	543.9	591.7	641.1	686.5	726.4	759.5	783.9	792.8	783.2	760.5
125°	474.2	513.1	553.1	594.9	632.5	664.9	690.1	706.8	713.6	704.3	687.0
127.5°	449.9	483.1	515.7	550.3	580.3	605.8	624.5	634.4	634.7	624.4	610.2
130°	426.0	454.0	479.7	507.2	530.5	549.5	563.3	565.7	559.8	547.0	529.7
132.5°	402.4	425.8	445.5	466.1	483.2	496.3	504.5	501.9	496.6	491.5	488.2
135°	379.0	398.4	413.2	429.1	444.2	457.0	467.6	473.7	474.0	470.0	466.3
137.5°	348.8	367.9	382.8	398.2	413.8	426.9	438.4	448.5	449.2	447.9	443.9
140°	318.6	336.8	352.0	366.8	382.2	395.9	408.5	418.5	423.8	424.5	421.8
142.5°	288.3	305.5	320.7	334.9	350.0	364.1	377.0	387.8	398.1	398.8	398.9
145°	258.0	274.1	289.1	302.9	317.2	332.2	344.2	356.3	365.5	372.3	373.3
147.5°	227.5	242.6	257.0	270.5	283.9	297.5	310.4	322.6	333.0	341.5	346.3
150°	197.1	211.1	224.7	237.5	250.8	263.0	275.6	287.4	298.8	307.7	315.5
152.5°	166.8	179.4	191.8	204.0	216.0	227.9	239.7	251.1	262.1	272.6	280.4
155°	136.5	147.8	159.0	170.0	181.3	192.2	203.2	213.8	224.1	234.2	246.2
157.5°	106.9	117.4	128.6	139.7	151.5	163.4	174.9	186.7	198.1	209.0	219.4
160°	96.0	105.2	115.4	125.6	135.6	145.9	155.8	165.5	175.4	184.9	193.9
162.5°	84.8	93.1	101.9	111.0	120.0	128.8	137.3	145.5	153.4	161.4	169.1
165°	73.6	80.9	88.1	96.1	104.0	111.7	119.2	126.1	132.7	139.0	145.9
167.5°	62.2	68.4	74.5	80.8	87.6	94.1	100.6	106.8	112.6	117.7	122.6
170°	50.6	55.7	60.8	65.7	70.7	76.1	81.3	86.4	91.4	96.2	101.2
172.5°	38.9	42.8	46.7	50.5	54.3	57.9	61.5	65.4	69.3	72.9	76.5
175°	27.0	29.7	32.4	35.0	37.5	40.0	42.4	44.8	47.1	49.3	51.4
177.5°	15.0	16.4	17.8	19.1	20.4	21.7	22.9	24.1	25.3	26.4	27.5
180°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0



TEST NUMBER: P231988

CATALOG NUMBER: FVS4WM-4-LD4-30-2HI-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
0°	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
2.5°	28.5	29.5	30.4	31.3	32.1	32.9	33.7	34.3	34.9	35.5	36.0
5°	53.7	55.9	58.0	60.1	62.0	63.8	65.4	67.0	68.5	69.8	71.0
7.5°	79.9	83.2	86.4	89.4	92.1	94.0	95.8	97.4	98.9	100.2	101.3
10°	104.6	108.1	111.4	114.4	117.2	119.9	122.2	124.5	126.6	128.5	130.1
12.5°	127.3	131.7	135.9	140.1	144.1	147.6	150.9	153.9	156.5	158.5	160.0
15°	151.2	157.0	162.5	167.6	172.3	176.1	179.6	182.5	185.1	187.1	188.8
17.5°	176.5	184.3	189.6	195.2	200.3	204.8	208.8	212.3	215.3	217.9	220.1
20°	202.3	210.1	217.4	223.8	229.2	234.1	238.6	242.2	244.8	247.3	249.7
22.5°	229.2	238.0	245.1	251.7	258.1	261.2	264.5	267.7	270.9	274.1	277.6
25°	256.0	264.5	273.6	276.4	279.9	283.5	286.5	289.8	293.5	297.9	302.9
27.5°	287.3	291.6	292.2	295.8	298.1	300.6	304.3	308.5	313.8	319.5	327.2
30°	319.4	320.0	319.7	317.1	314.3	314.6	319.4	324.9	334.7	344.7	355.6
32.5°	347.1	346.4	343.8	341.3	340.1	338.8	341.5	346.3	358.8	376.2	393.3
35°	372.8	370.0	367.7	366.5	366.8	371.2	375.1	386.2	396.4	412.5	435.0
37.5°	395.9	393.4	392.1	393.6	398.7	407.0	420.0	433.3	448.6	464.1	485.5
40°	418.6	417.0	418.3	424.1	435.1	449.8	467.6	486.0	509.9	537.3	566.5
42.5°	441.7	441.3	447.7	459.4	475.8	497.3	519.1	550.9	585.2	623.5	663.8
45°	463.8	469.6	479.9	498.0	522.0	547.2	584.0	622.2	668.9	716.1	766.4
47.5°	490.1	497.0	516.6	541.1	570.0	609.4	652.2	703.1	756.1	810.7	875.8
50°	519.6	531.9	554.5	587.1	627.0	672.0	726.6	783.2	844.5	914.2	990.3
52.5°	598.2	599.3	612.9	637.4	685.8	740.2	798.9	862.4	935.7	1019.1	1112.4
55°	677.2	678.1	692.7	720.2	759.9	807.4	866.8	942.4	1028.6	1128.0	1227.4
57.5°	751.2	753.4	769.3	798.9	842.2	891.1	950.5	1022.8	1124.9	1227.4	1333.4
60°	822.0	822.3	842.0	875.5	918.8	969.8	1037.0	1126.8	1220.7	1315.7	1433.1
62.5°	891.1	891.0	910.1	945.0	989.7	1048.1	1125.6	1220.4	1315.8	1419.2	1534.1
65°	955.2	956.8	976.9	1010.8	1056.2	1118.1	1208.7	1304.8	1406.7	1517.0	1641.5
67.5°	1014.9	1017.9	1037.9	1072.1	1121.0	1191.0	1283.4	1381.5	1489.3	1605.3	1750.5
70°	1074.8	1075.7	1093.7	1128.4	1179.0	1257.5	1351.4	1453.7	1562.2	1682.7	1850.7
72.5°	1124.6	1129.2	1147.5	1181.7	1232.2	1319.6	1412.0	1517.1	1620.7	1759.3	1923.2
75°	1169.8	1177.0	1195.4	1225.3	1275.7	1358.9	1460.8	1570.2	1665.1	1820.0	1984.6
77.5°	1215.1	1223.5	1239.4	1261.6	1306.8	1385.0	1486.5	1594.9	1713.0	1868.0	2036.2
80°	1260.2	1268.9	1280.2	1291.8	1329.2	1403.8	1505.8	1616.4	1748.6	1907.5	2091.5
82.5°	1305.4	1313.3	1318.4	1317.4	1344.7	1416.0	1518.9	1634.8	1773.5	1937.6	2133.7
85°	1350.4	1357.0	1354.9	1339.9	1354.9	1422.6	1526.0	1648.9	1788.2	1957.8	2162.1
87.5°	1395.5	1400.3	1390.3	1360.2	1361.7	1425.9	1530.1	1661.2	1797.4	1972.9	2183.5
90°	1440.2	1443.1	1425.7	1381.5	1367.1	1422.9	1523.9	1660.5	1790.4	1966.4	2176.1
92.5°	1395.5	1400.3	1390.3	1360.2	1361.7	1425.9	1530.1	1661.2	1797.4	1972.9	2183.5
95°	1350.4	1357.0	1354.9	1339.9	1354.9	1422.6	1526.0	1648.9	1788.2	1957.8	2162.1
97.5°	1305.4	1313.3	1318.4	1317.4	1344.7	1416.0	1518.9	1634.8	1773.5	1937.6	2133.7
100°	1260.2	1268.9	1280.2	1291.8	1329.2	1403.8	1505.8	1616.4	1748.6	1907.5	2091.5
102.5°	1215.1	1223.5	1239.4	1261.6	1306.8	1385.0	1486.5	1594.9	1713.0	1868.0	2036.2
105°	1169.8	1177.0	1195.4	1225.3	1275.7	1358.9	1460.8	1570.2	1665.1	1820.0	1984.6
107.5°	1124.6	1129.2	1147.5	1181.7	1232.2	1319.6	1412.0	1517.1	1620.7	1759.3	1923.2
110°	1074.8	1075.7	1093.7	1128.4	1179.0	1257.5	1351.4	1453.7	1562.2	1682.7	1850.7



TEST NUMBER: P231988

CATALOG NUMBER: FVS4WM-4-LD4-30-2HI-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
112.5°	1014.9	1017.9	1037.9	1072.1	1121.0	1191.0	1283.4	1381.5	1489.3	1605.3	1750.5
115°	955.2	956.8	976.9	1010.8	1056.2	1118.1	1208.7	1304.8	1406.7	1517.0	1641.5
117.5°	891.1	891.0	910.1	945.0	989.7	1048.1	1125.6	1220.4	1315.8	1419.2	1534.1
120°	822.0	822.3	842.0	875.5	918.8	969.8	1037.0	1126.8	1220.7	1315.7	1433.1
122.5°	751.2	753.4	769.3	798.9	842.2	891.1	950.5	1022.8	1124.9	1227.4	1333.4
125°	677.2	678.1	692.7	720.2	759.9	807.4	866.8	942.4	1028.6	1128.0	1227.4
127.5°	598.2	599.3	612.9	637.4	685.8	740.2	798.9	862.4	935.7	1019.1	1112.4
130°	519.6	531.9	554.5	587.1	627.0	672.0	726.6	783.2	844.5	914.2	990.3
132.5°	490.1	497.0	516.6	541.1	570.0	609.4	652.2	703.1	756.1	810.7	875.8
135°	463.8	469.6	479.9	498.0	522.0	547.2	584.0	622.2	668.9	716.1	766.4
137.5°	441.7	441.3	447.7	459.4	475.8	497.3	519.1	550.9	585.2	623.5	663.8
140°	418.6	417.0	418.3	424.1	435.1	449.8	467.6	486.0	509.9	537.3	566.5
142.5°	395.9	393.4	392.1	393.6	398.7	407.0	420.0	433.3	448.6	464.1	485.5
145°	372.8	370.0	367.7	366.5	366.8	371.2	375.1	386.2	396.4	412.5	435.0
147.5°	347.1	346.4	343.8	341.3	340.1	338.8	341.5	346.3	358.8	376.2	393.3
150°	319.4	320.0	319.7	317.1	314.3	314.6	319.4	324.9	334.7	344.7	355.6
152.5°	287.3	291.6	292.2	295.8	298.1	300.6	304.3	308.5	313.8	319.5	327.2
155°	256.0	264.5	273.6	276.4	279.9	283.5	286.5	289.8	293.5	297.9	302.9
157.5°	229.2	238.0	245.1	251.7	258.1	261.2	264.5	267.7	270.9	274.1	277.6
160°	202.3	210.1	217.4	223.8	229.2	234.1	238.6	242.2	244.8	247.3	249.7
162.5°	176.5	184.3	189.6	195.2	200.3	204.8	208.8	212.3	215.3	217.9	220.1
165°	151.2	157.0	162.5	167.6	172.3	176.1	179.6	182.5	185.1	187.1	188.8
167.5°	127.3	131.7	135.9	140.1	144.1	147.6	150.9	153.9	156.5	158.5	160.0
170°	104.6	108.1	111.4	114.4	117.2	119.9	122.2	124.5	126.6	128.5	130.1
172.5°	79.9	83.2	86.4	89.4	92.1	94.0	95.8	97.4	98.9	100.2	101.3
175°	53.7	55.9	58.0	60.1	62.0	63.8	65.4	67.0	68.5	69.8	71.0
177.5°	28.5	29.5	30.4	31.3	32.1	32.9	33.7	34.3	34.9	35.5	36.0
180°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0



TEST NUMBER: P231988

CATALOG NUMBER: FVS4WM-4-LD4-30-2HI-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
0°	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
2.5°	36.4	36.8	37.1	37.3	37.5	37.6	38.8	38.5	38.1	37.7	37.3
5°	72.0	73.0	73.8	74.4	75.0	75.4	75.6	75.7	76.8	76.1	75.5
7.5°	102.2	103.0	103.6	104.0	104.2	104.3	104.2	103.9	103.5	103.5	102.4
10°	131.5	132.6	133.4	134.0	134.3	134.4	134.2	133.7	133.1	133.1	131.4
12.5°	161.1	161.9	162.3	162.5	162.3	161.7	160.9	159.8	158.4	156.7	155.2
15°	190.3	191.4	192.2	192.5	192.5	192.1	191.3	190.1	188.6	186.7	185.1
17.5°	221.8	223.1	224.2	225.0	225.6	225.8	225.7	225.2	224.4	223.1	222.4
20°	251.9	254.1	256.5	258.8	261.0	262.9	264.5	265.8	266.7	267.1	268.3
22.5°	281.2	284.9	288.8	292.6	296.2	299.6	302.7	305.4	307.7	309.4	312.1
25°	308.1	313.3	318.7	325.4	331.7	337.6	343.0	347.8	352.0	355.5	358.2
27.5°	336.0	344.6	353.1	363.0	373.8	383.9	393.1	401.4	408.6	414.6	419.5
30°	369.5	384.1	398.2	411.7	427.3	442.1	455.9	468.5	479.9	489.7	498.0
32.5°	411.2	431.1	450.7	469.8	491.2	513.0	533.0	551.0	566.8	580.3	591.4
35°	457.6	486.3	515.9	544.0	571.8	602.6	630.6	655.7	677.6	696.3	711.5
37.5°	520.8	556.9	598.7	638.2	675.2	712.0	745.8	775.8	801.8	823.8	841.5
40°	601.6	646.9	696.6	744.6	789.2	832.2	872.0	905.8	933.7	955.8	972.3
42.5°	707.2	750.4	805.3	866.3	920.5	968.7	1013.6	1050.7	1080.3	1102.6	1118.0
45°	818.6	879.9	939.3	1007.6	1070.4	1130.9	1174.5	1216.6	1249.9	1274.6	1290.7
47.5°	943.9	1018.4	1092.7	1166.3	1238.0	1300.4	1359.4	1413.2	1456.7	1489.9	1512.3
50°	1076.3	1161.2	1247.9	1333.6	1427.2	1505.8	1576.5	1641.8	1695.9	1738.0	1767.7
52.5°	1206.4	1301.2	1405.6	1512.8	1625.2	1729.1	1812.5	1892.4	1964.3	2026.0	2075.3
55°	1329.5	1443.5	1563.7	1692.6	1821.8	1949.5	2055.8	2140.8	2217.2	2286.2	2345.0
57.5°	1450.9	1581.5	1720.0	1867.7	2020.3	2136.7	2248.8	2342.1	2428.2	2508.6	2580.5
60°	1567.2	1713.2	1874.9	2029.0	2169.8	2294.6	2406.2	2510.0	2605.2	2691.9	2768.4
62.5°	1674.4	1845.8	2012.6	2170.4	2305.3	2431.6	2546.0	2656.2	2748.9	2835.1	2912.4
65°	1798.8	1963.3	2135.5	2284.7	2420.8	2548.6	2661.7	2766.1	2867.4	2958.7	3035.2
67.5°	1915.1	2084.0	2235.4	2378.5	2515.1	2640.0	2761.3	2878.8	2984.5	3070.2	3142.8
70°	2013.8	2182.0	2330.8	2460.4	2589.2	2724.0	2854.8	2970.6	3080.3	3178.4	3249.5
72.5°	2096.5	2269.0	2409.6	2538.6	2665.9	2795.4	2925.3	3051.7	3180.7	3282.8	3341.0
75°	2170.6	2331.8	2471.8	2605.4	2738.7	2861.9	2983.9	3113.9	3232.6	3346.5	3415.8
77.5°	2231.0	2384.2	2520.9	2659.4	2792.6	2920.4	3039.8	3143.7	3281.7	3397.1	3474.9
80°	2273.6	2421.2	2557.3	2697.5	2832.9	2968.1	3082.7	3202.5	3330.6	3445.1	3502.5
82.5°	2308.9	2453.4	2592.0	2728.0	2859.3	2990.1	3114.8	3239.3	3377.3	3468.2	3523.6
85°	2333.3	2473.3	2614.2	2749.0	2879.4	3016.0	3131.8	3255.5	3388.6	3486.4	3537.8
87.5°	2352.4	2481.2	2623.2	2755.0	2883.0	3030.2	3141.9	3273.3	3405.9	3504.7	3543.7
90°	2346.4	2477.3	2618.7	2746.6	2870.7	3026.6	3134.3	3264.2	3403.7	3508.6	3532.6
92.5°	2352.4	2481.2	2623.2	2755.0	2883.0	3030.2	3141.9	3273.3	3405.9	3504.7	3543.7
95°	2333.3	2473.3	2614.2	2749.0	2879.4	3016.0	3131.8	3255.5	3388.6	3486.4	3537.8
97.5°	2308.9	2453.4	2592.0	2728.0	2859.3	2990.1	3114.8	3239.3	3377.3	3468.2	3523.6
100°	2273.6	2421.2	2557.3	2697.5	2832.9	2968.1	3082.7	3202.5	3330.6	3445.1	3502.5
102.5°	2231.0	2384.2	2520.9	2659.4	2792.6	2920.4	3039.8	3143.7	3281.7	3397.1	3474.9
105°	2170.6	2331.8	2471.8	2605.4	2738.7	2861.9	2983.9	3113.9	3232.6	3346.5	3415.8
107.5°	2096.5	2269.0	2409.6	2538.6	2665.9	2795.4	2925.3	3051.7	3180.7	3282.8	3341.0
110°	2013.8	2182.0	2330.8	2460.4	2589.2	2724.0	2854.8	2970.6	3080.3	3178.4	3249.5



TEST NUMBER: P231988

CATALOG NUMBER: FVS4WM-4-LD4-30-2HI-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
112.5°	1915.1	2084.0	2235.4	2378.5	2515.1	2640.0	2761.3	2878.8	2984.5	3070.2	3142.8
115°	1798.8	1963.3	2135.5	2284.7	2420.8	2548.6	2661.7	2766.1	2867.4	2958.7	3035.2
117.5°	1674.4	1845.8	2012.6	2170.4	2305.3	2431.6	2546.0	2656.2	2748.9	2835.1	2912.4
120°	1567.2	1713.2	1874.9	2029.0	2169.8	2294.6	2406.2	2510.0	2605.2	2691.9	2768.4
122.5°	1450.9	1581.5	1720.0	1867.7	2020.3	2136.7	2248.8	2342.1	2428.2	2508.6	2580.5
125°	1329.5	1443.5	1563.7	1692.6	1821.8	1949.5	2055.8	2140.8	2217.2	2286.2	2345.0
127.5°	1206.4	1301.2	1405.6	1512.8	1625.2	1729.1	1812.5	1892.4	1964.3	2026.0	2075.3
130°	1076.3	1161.2	1247.9	1333.6	1427.2	1505.8	1576.5	1641.8	1695.9	1738.0	1767.7
132.5°	943.9	1018.4	1092.7	1166.3	1238.0	1300.4	1359.4	1413.2	1456.7	1489.9	1512.3
135°	818.6	879.9	939.3	1007.6	1070.4	1130.9	1174.5	1216.6	1249.9	1274.6	1290.7
137.5°	707.2	750.4	805.3	866.3	920.5	968.7	1013.6	1050.7	1080.3	1102.6	1118.0
140°	601.6	646.9	696.6	744.6	789.2	832.2	872.0	905.8	933.7	955.8	972.3
142.5°	520.8	556.9	598.7	638.2	675.2	712.0	745.8	775.8	801.8	823.8	841.5
145°	457.6	486.3	515.9	544.0	571.8	602.6	630.6	655.7	677.6	696.3	711.5
147.5°	411.2	431.1	450.7	469.8	491.2	513.0	533.0	551.0	566.8	580.3	591.4
150°	369.5	384.1	398.2	411.7	427.3	442.1	455.9	468.5	479.9	489.7	498.0
152.5°	336.0	344.6	353.1	363.0	373.8	383.9	393.1	401.4	408.6	414.6	419.5
155°	308.1	313.3	318.7	325.4	331.7	337.6	343.0	347.8	352.0	355.5	358.2
157.5°	281.2	284.9	288.8	292.6	296.2	299.6	302.7	305.4	307.7	309.4	312.1
160°	251.9	254.1	256.5	258.8	261.0	262.9	264.5	265.8	266.7	267.1	268.3
162.5°	221.8	223.1	224.2	225.0	225.6	225.8	225.7	225.2	224.4	223.1	222.4
165°	190.3	191.4	192.2	192.5	192.5	192.1	191.3	190.1	188.6	186.7	185.1
167.5°	161.1	161.9	162.3	162.5	162.3	161.7	160.9	159.8	158.4	156.7	155.2
170°	131.5	132.6	133.4	134.0	134.3	134.4	134.2	133.7	133.1	133.1	131.4
172.5°	102.2	103.0	103.6	104.0	104.2	104.3	104.2	103.9	103.5	103.5	102.4
175°	72.0	73.0	73.8	74.4	75.0	75.4	75.6	75.7	76.8	76.1	75.5
177.5°	36.4	36.8	37.1	37.3	37.5	37.6	38.8	38.5	38.1	37.7	37.3
180°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0



TEST NUMBER: P231988

CATALOG NUMBER: FVS4WM-4-LD4-30-2HI-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	357.5°	360°
0°	2.9	2.9
2.5°	37.0	36.6
5°	74.8	74.1
7.5°	101.3	100.1
10°	129.7	128.0
12.5°	152.6	150.1
15°	182.0	178.9
17.5°	219.4	216.5
20°	266.5	264.6
22.5°	311.4	310.7
25°	360.4	360.8
27.5°	423.8	425.2
30°	505.4	508.9
32.5°	601.4	606.1
35°	725.0	731.1
37.5°	857.1	863.9
40°	986.0	989.9
42.5°	1129.6	1129.4
45°	1302.4	1298.8
47.5°	1529.4	1524.8
50°	1791.1	1787.5
52.5°	2119.0	2127.1
55°	2399.8	2421.5
57.5°	2649.3	2686.0
60°	2840.4	2884.2
62.5°	2979.6	3035.2
65°	3097.7	3147.8
67.5°	3202.8	3250.7
70°	3301.6	3338.3
72.5°	3381.8	3408.5
75°	3444.0	3457.6
77.5°	3503.2	3522.0
80°	3531.3	3546.1
82.5°	3560.7	3579.7
85°	3570.4	3586.5
87.5°	3561.9	3600.9
90°	3558.6	3585.5
92.5°	3561.9	3600.9
95°	3570.4	3586.5
97.5°	3560.7	3579.7
100°	3531.3	3546.1
102.5°	3503.2	3522.0
105°	3444.0	3457.6
107.5°	3381.8	3408.5
110°	3301.6	3338.3





TEST NUMBER: P231988

CATALOG NUMBER: FVS4WM-4-LD4-30-2HI-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	357.5°	360°
112.5°	3202.8	3250.7
115°	3097.7	3147.8
117.5°	2979.6	3035.2
120°	2840.4	2884.2
122.5°	2649.3	2686.0
125°	2399.8	2421.5
127.5°	2119.0	2127.1
130°	1791.1	1787.5
132.5°	1529.4	1524.8
135°	1302.4	1298.8
137.5°	1129.6	1129.4
140°	986.0	989.9
142.5°	857.1	863.9
145°	725.0	731.1
147.5°	601.4	606.1
150°	505.4	508.9
152.5°	423.8	425.2
155°	360.4	360.8
157.5°	311.4	310.7
160°	266.5	264.6
162.5°	219.4	216.5
165°	182.0	178.9
167.5°	152.6	150.1
170°	129.7	128.0
172.5°	101.3	100.1
175°	74.8	74.1
177.5°	37.0	36.6
180°	2.0	2.0

(END OF REPORT)