

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: P232058

Luminaire Tested: **FVS4WM-3-LD4-40-2STD-P125-UNV-EDC1**

Issue Date: 3/3/2020



**Test Information**

Test Method: LM-79-08  
Report Number: P232058  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1706-121-28)  
Test Lab: INNOVATION CENTER(G3)  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: FAIL-SAFE  
Catalog Number: FVS4WM-3-LD4-40-2STD-P125-UNV-EDC1  
Description: FAILSAFE FVS LED FIXTURE  
3FT LENGTH, 2-MODULE LED WITH P125 LENS  
Light Source: (168) 4000K CCT, 80 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

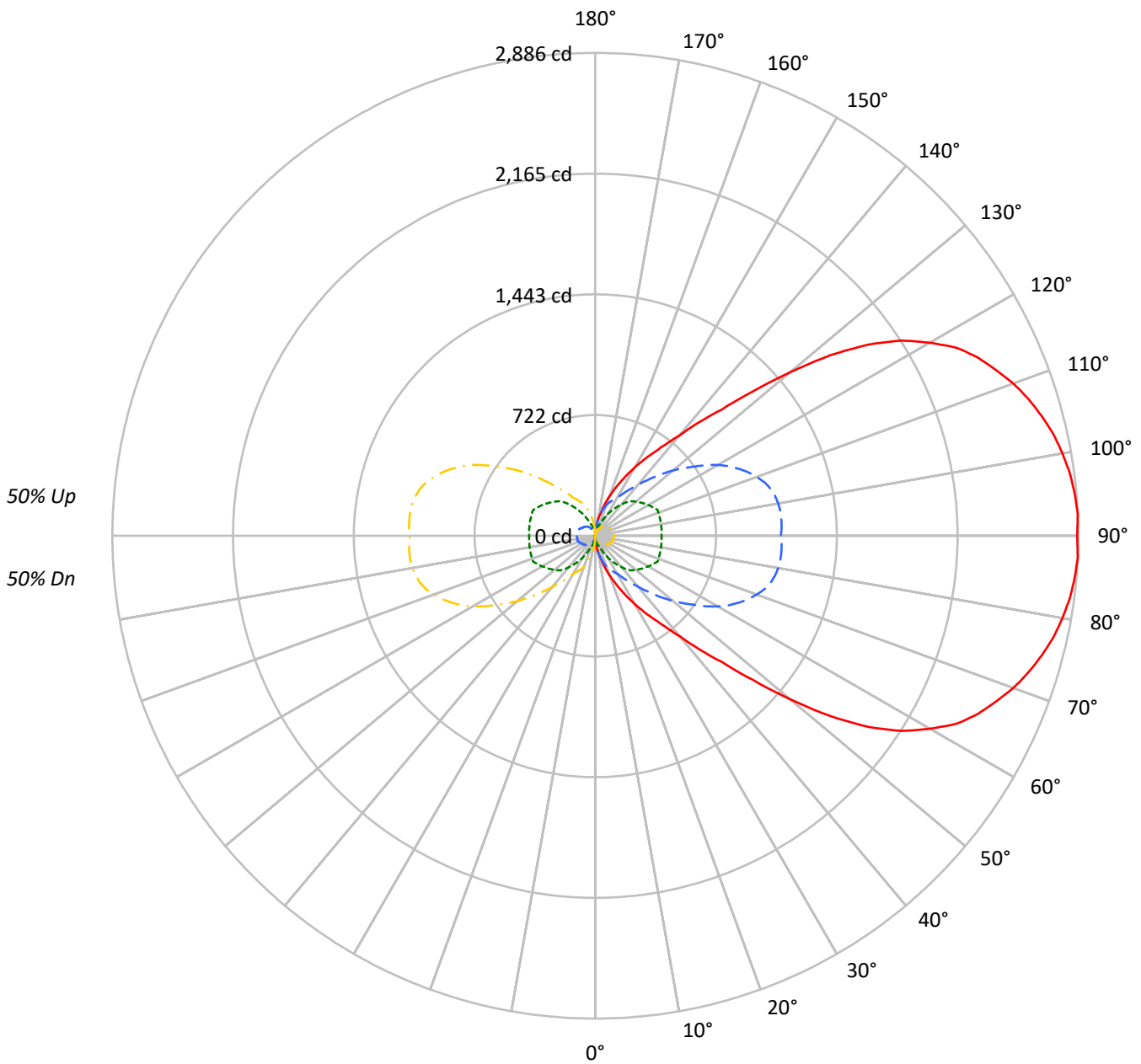
Lumens per Lamp: N/A  
Luminaire Lumens: 6801.0 lumens  
Efficiency: N/A  
Efficacy: 106.3 lumens/watt  
Spacing Criteria (0/90/45): 23.26 / 15.08 / 15.72  
Luminous Opening: Rectangular w/ Sides (W: 2.92' x L: 0.19' x H: 0.31')  
CIE Type: General Diffuse

Input Watts (W): 64  
Input Voltage (V): 120  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT

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### Luminous Intensity Polar Plot



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



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

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

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

	0°	90°	180°	270°
0°	35	35	35	35
5°	981	370	16	370
10°	1616	708	14	708
15°	2390	1054	13	1054
20°	3313	1417	12	1417
25°	4304	2122	11	2122
30°	5450	3213	21	3213
35°	6692	4417	20	4417
40°	8410	5778	19	5778
45°	11116	7356	19	7356
50°	15603	8610	18	8610
55°	20215	10164	18	10164
60°	23363	12152	28	12152
65°	25672	14789	29	14789
70°	27427	17869	29	17869
75°	29088	21741	29	21741
80°	30735	28104	0	28104
85°	32388	40291	0	40291



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	3.6	0.1
10°-20°	24.4	0.4
20°-30°	67.6	1.0
30°-40°	146.3	2.2
40°-50°	281.5	4.1
50°-60°	484.1	7.1
60°-70°	684.0	10.1
70°-80°	821.2	12.1
80°-90°	887.9	13.1
90°-100°	887.9	13.1
100°-110°	821.2	12.1
110°-120°	684.0	10.1
120°-130°	484.1	7.1
130°-140°	281.5	4.1
140°-150°	146.3	2.2
150°-160°	67.6	1.0
160°-170°	24.4	0.4
170°-180°	3.6	0.1
0°-30°	95.5	1.4
0°-40°	241.8	3.6
0°-60°	1007.4	14.8
0°-90°	3400.5	50.0
90°-120°	2393.1	35.2
90°-150°	3305.0	48.6
90°-180°	3400.0	50.0
0°-180°	6801.0	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	2	2	2	2	2	
5°	57	19	1	19	57	7
15°	170	53	1	53	170	51
25°	352	103	1	103	352	168
35°	604	198	2	198	604	389
45°	1065	293	2	293	1065	862
55°	1991	342	2	342	1991	1767
65°	2521	390	3	390	2521	2491
75°	2762	400	3	400	2762	2917
85°	2876	397	0	397	2876	2341
90°	2878	395	0	395	2878	1580
95°	2876	397	0	397	2876	2341
105°	2762	400	3	400	2762	2917
115°	2521	390	3	390	2521	2491
125°	1991	342	2	342	1991	1767
135°	1065	293	2	293	1065	862
145°	604	198	2	198	604	389
155°	352	103	1	103	352	168
165°	170	53	1	53	170	51
175°	57	19	1	19	57	7
180°	1	1	1	1	1	



TEST NUMBER: P232058

CATALOG NUMBER: FVS4WM-3-LD4-40-2STD-P125-UNV-EDC1

**CANDELA DISTRIBUTION (FULL):**

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
0°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
2.5°	26.6	27.0	27.3	27.7	28.1	28.4	28.8	28.0	28.0	27.9	27.8
5°	56.9	57.6	58.3	59.1	59.8	59.0	59.1	59.1	58.9	58.6	58.2
7.5°	82.5	83.7	84.8	86.0	86.0	86.4	86.7	86.9	86.9	86.7	86.3
10°	104.6	106.3	108.0	109.7	109.9	110.8	111.5	111.9	112.2	112.3	112.1
12.5°	129.3	131.4	133.4	134.4	135.6	136.6	137.3	137.8	138.0	138.0	137.7
15°	169.7	171.3	172.9	172.5	172.6	172.3	171.8	170.9	169.8	168.4	166.8
17.5°	211.0	211.8	212.6	211.0	210.1	208.8	207.1	205.2	202.9	200.4	197.8
20°	254.1	254.1	254.1	251.2	249.1	246.5	243.4	240.0	236.1	232.0	227.5
22.5°	300.8	299.9	299.0	294.5	290.9	286.8	282.0	276.8	271.1	265.0	258.5
25°	352.2	350.2	346.1	341.7	336.4	330.4	323.6	316.3	308.4	300.0	291.2
27.5°	410.9	407.7	401.9	395.5	388.1	379.7	370.4	360.2	349.2	337.6	326.2
30°	470.5	467.3	461.1	454.1	445.6	435.6	424.0	410.9	396.3	380.3	366.1
32.5°	536.6	534.5	528.5	521.5	512.3	501.0	487.4	471.5	453.4	434.3	415.4
35°	603.5	603.1	598.5	592.4	583.9	572.7	558.8	541.9	522.2	500.6	476.6
37.5°	685.2	687.4	683.7	678.3	669.4	656.9	640.6	620.3	596.9	573.6	546.9
40°	785.1	789.4	786.1	780.5	770.8	756.7	738.2	715.3	689.3	660.3	626.7
42.5°	921.8	926.7	920.7	911.9	897.6	878.0	853.0	822.9	793.3	759.8	721.4
45°	1064.9	1072.2	1066.7	1057.7	1041.7	1018.8	988.9	958.0	914.8	871.8	825.2
47.5°	1274.9	1280.7	1266.9	1248.8	1221.8	1186.6	1143.5	1098.1	1052.0	998.3	941.5
50°	1521.7	1520.0	1494.4	1464.8	1426.6	1381.0	1329.4	1272.9	1209.9	1132.1	1063.2
52.5°	1772.1	1762.0	1725.5	1684.9	1634.8	1577.0	1513.0	1446.5	1368.1	1280.2	1190.8
55°	1991.3	1971.2	1926.4	1878.4	1822.8	1761.4	1693.4	1611.0	1514.3	1416.2	1318.1
57.5°	2171.1	2143.0	2092.3	2038.7	1977.9	1911.4	1837.7	1754.8	1669.9	1552.4	1435.7
60°	2306.8	2275.4	2224.2	2169.2	2106.0	2035.7	1957.4	1875.1	1784.3	1681.5	1563.4
62.5°	2433.4	2390.3	2338.2	2278.5	2212.9	2143.5	2060.6	1975.8	1884.0	1788.8	1674.0
65°	2521.4	2481.9	2433.0	2373.8	2303.9	2227.3	2147.0	2059.2	1965.5	1868.3	1765.7
67.5°	2590.2	2553.6	2508.6	2454.4	2390.4	2311.1	2223.6	2131.5	2031.9	1931.9	1831.8
70°	2659.0	2628.8	2587.3	2532.2	2461.0	2381.3	2291.5	2194.5	2093.9	1989.6	1897.2
72.5°	2714.0	2689.4	2654.6	2608.1	2539.0	2447.3	2353.5	2247.3	2149.4	2054.1	1954.5
75°	2761.7	2748.0	2720.4	2663.7	2583.0	2500.1	2405.5	2305.4	2198.8	2102.1	2003.0
77.5°	2803.9	2793.5	2773.2	2714.2	2628.6	2531.7	2448.0	2348.9	2241.0	2136.3	2038.4
80°	2834.2	2822.7	2800.6	2753.6	2668.4	2572.4	2478.2	2385.5	2268.1	2160.5	2060.6
82.5°	2859.9	2843.4	2823.8	2781.8	2702.9	2599.0	2499.9	2398.8	2288.5	2181.4	2083.0
85°	2875.5	2856.0	2848.8	2796.9	2713.6	2610.9	2511.1	2413.5	2307.1	2197.7	2095.4
87.5°	2885.6	2869.8	2846.2	2805.4	2722.8	2620.7	2515.4	2416.0	2310.4	2203.6	2097.8
90°	2878.2	2854.4	2838.8	2792.9	2715.9	2610.4	2504.9	2404.0	2299.5	2198.6	2091.3
92.5°	2885.6	2869.8	2846.2	2805.4	2722.8	2620.7	2515.4	2416.0	2310.4	2203.6	2097.8
95°	2875.5	2856.0	2848.8	2796.9	2713.6	2610.9	2511.1	2413.5	2307.1	2197.7	2095.4
97.5°	2859.9	2843.4	2823.8	2781.8	2702.9	2599.0	2499.9	2398.8	2288.5	2181.4	2083.0
100°	2834.2	2822.7	2800.6	2753.6	2668.4	2572.4	2478.2	2385.5	2268.1	2160.5	2060.6
102.5°	2803.9	2793.5	2773.2	2714.2	2628.6	2531.7	2448.0	2348.9	2241.0	2136.3	2038.4
105°	2761.7	2748.0	2720.4	2663.7	2583.0	2500.1	2405.5	2305.4	2198.8	2102.1	2003.0
107.5°	2714.0	2689.4	2654.6	2608.1	2539.0	2447.3	2353.5	2247.3	2149.4	2054.1	1954.5
110°	2659.0	2628.8	2587.3	2532.2	2461.0	2381.3	2291.5	2194.5	2093.9	1989.6	1897.2



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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°	2590.2	2553.6	2508.6	2454.4	2390.4	2311.1	2223.6	2131.5	2031.9	1931.9	1831.8
115°	2521.4	2481.9	2433.0	2373.8	2303.9	2227.3	2147.0	2059.2	1965.5	1868.3	1765.7
117.5°	2433.4	2390.3	2338.2	2278.5	2212.9	2143.5	2060.6	1975.8	1884.0	1788.8	1674.0
120°	2306.8	2275.4	2224.2	2169.2	2106.0	2035.7	1957.4	1875.1	1784.3	1681.5	1563.4
122.5°	2171.1	2143.0	2092.3	2038.7	1977.9	1911.4	1837.7	1754.8	1669.9	1552.4	1435.7
125°	1991.3	1971.2	1926.4	1878.4	1822.8	1761.4	1693.4	1611.0	1514.3	1416.2	1318.1
127.5°	1772.1	1762.0	1725.5	1684.9	1634.8	1577.0	1513.0	1446.5	1368.1	1280.2	1190.8
130°	1521.7	1520.0	1494.4	1464.8	1426.6	1381.0	1329.4	1272.9	1209.9	1132.1	1063.2
132.5°	1274.9	1280.7	1266.9	1248.8	1221.8	1186.6	1143.5	1098.1	1052.0	998.3	941.5
135°	1064.9	1072.2	1066.7	1057.7	1041.7	1018.8	988.9	958.0	914.8	871.8	825.2
137.5°	921.8	926.7	920.7	911.9	897.6	878.0	853.0	822.9	793.3	759.8	721.4
140°	785.1	789.4	786.1	780.5	770.8	756.7	738.2	715.3	689.3	660.3	626.7
142.5°	685.2	687.4	683.7	678.3	669.4	656.9	640.6	620.3	596.9	573.6	546.9
145°	603.5	603.1	598.5	592.4	583.9	572.7	558.8	541.9	522.2	500.6	476.6
147.5°	536.6	534.5	528.5	521.5	512.3	501.0	487.4	471.5	453.4	434.3	415.4
150°	470.5	467.3	461.1	454.1	445.6	435.6	424.0	410.9	396.3	380.3	366.1
152.5°	410.9	407.7	401.9	395.5	388.1	379.7	370.4	360.2	349.2	337.6	326.2
155°	352.2	350.2	346.1	341.7	336.4	330.4	323.6	316.3	308.4	300.0	291.2
157.5°	300.8	299.9	299.0	294.5	290.9	286.8	282.0	276.8	271.1	265.0	258.5
160°	254.1	254.1	254.1	251.2	249.1	246.5	243.4	240.0	236.1	232.0	227.5
162.5°	211.0	211.8	212.6	211.0	210.1	208.8	207.1	205.2	202.9	200.4	197.8
165°	169.7	171.3	172.9	172.5	172.6	172.3	171.8	170.9	169.8	168.4	166.8
167.5°	129.3	131.4	133.4	134.4	135.6	136.6	137.3	137.8	138.0	138.0	137.7
170°	104.6	106.3	108.0	109.7	109.9	110.8	111.5	111.9	112.2	112.3	112.1
172.5°	82.5	83.7	84.8	86.0	86.0	86.4	86.7	86.9	86.9	86.7	86.3
175°	56.9	57.6	58.3	59.1	59.8	59.0	59.1	59.1	58.9	58.6	58.2
177.5°	26.6	27.0	27.3	27.7	28.1	28.4	28.8	28.0	28.0	27.9	27.8
180°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0



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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°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
2.5°	27.7	27.5	27.2	26.9	26.6	26.2	25.8	25.3	24.8	24.2	23.6
5°	57.7	57.1	56.3	55.4	54.5	53.4	52.2	50.9	49.5	48.0	46.4
7.5°	85.8	85.1	84.3	83.3	82.1	80.8	79.3	77.6	75.8	73.7	71.3
10°	111.8	111.2	110.4	109.4	108.2	106.8	105.0	102.8	100.4	97.8	95.0
12.5°	137.3	136.5	135.6	134.4	133.0	131.2	129.2	126.9	124.4	121.6	118.6
15°	165.0	163.1	161.0	159.3	157.5	155.5	153.3	150.8	148.1	144.7	141.0
17.5°	194.9	192.0	189.0	186.1	183.0	180.0	176.9	173.9	170.7	167.2	163.4
20°	222.9	218.5	214.5	210.5	206.5	202.6	198.9	195.4	192.0	188.7	184.7
22.5°	252.1	246.0	239.9	233.7	227.4	222.3	217.9	213.7	209.9	206.3	203.0
25°	283.0	274.7	266.1	257.5	249.7	242.5	235.4	228.8	224.6	220.7	217.7
27.5°	315.4	304.4	293.2	282.4	272.6	262.7	254.1	245.6	238.3	232.0	228.6
30°	351.4	336.4	322.0	308.4	295.6	282.9	272.2	261.7	256.1	254.1	251.8
32.5°	394.9	373.0	354.0	336.6	319.1	304.2	296.6	290.6	286.2	281.5	278.6
35°	450.0	422.4	397.1	370.3	351.3	341.4	330.6	323.7	316.2	310.5	305.4
37.5°	516.8	485.4	451.6	428.3	406.4	385.5	371.0	358.3	348.1	339.7	332.9
40°	590.5	556.7	527.3	498.3	469.0	441.9	418.0	397.1	382.4	370.0	360.7
42.5°	681.9	644.3	606.5	572.6	539.9	504.4	471.4	444.5	419.5	403.0	389.5
45°	782.7	738.0	694.2	649.7	608.8	568.5	531.5	494.9	465.1	438.4	420.0
47.5°	886.8	832.9	782.6	731.9	682.9	635.8	591.4	550.9	512.4	479.9	453.6
50°	993.9	931.0	870.2	813.9	760.8	704.9	653.8	605.5	563.2	524.0	489.0
52.5°	1104.5	1029.4	958.1	893.6	832.5	775.6	716.6	663.0	614.2	569.1	539.8
55°	1220.9	1126.1	1045.3	970.0	903.4	839.7	777.8	720.4	672.5	632.2	603.4
57.5°	1329.4	1225.6	1128.2	1044.7	969.1	902.5	842.0	785.8	734.2	690.7	660.5
60°	1431.4	1316.6	1209.4	1112.5	1035.2	965.7	903.2	845.2	792.5	747.3	713.2
62.5°	1546.6	1401.8	1286.8	1188.3	1100.1	1023.3	958.1	899.4	845.9	797.6	761.2
65°	1642.1	1505.5	1363.7	1257.2	1163.3	1079.9	1006.8	946.5	894.0	845.8	809.0
67.5°	1726.4	1591.3	1447.7	1319.8	1218.5	1130.0	1052.1	989.3	936.8	890.2	851.6
70°	1791.1	1663.5	1522.1	1375.3	1267.6	1176.6	1095.5	1026.6	973.7	930.0	889.6
72.5°	1853.0	1724.1	1575.5	1428.9	1307.8	1214.6	1133.0	1060.7	1005.7	965.0	926.1
75°	1899.8	1778.3	1626.7	1467.0	1337.5	1245.2	1162.1	1084.3	1026.9	987.3	955.2
77.5°	1940.8	1825.2	1669.1	1505.4	1371.7	1267.6	1178.2	1099.8	1041.3	1004.7	980.0
80°	1967.4	1859.1	1711.0	1543.2	1399.4	1286.5	1191.0	1109.9	1051.4	1018.0	1001.1
82.5°	1990.3	1887.6	1746.4	1568.8	1419.1	1301.5	1200.1	1115.1	1058.0	1027.9	1019.5
85°	2004.6	1907.8	1773.1	1582.8	1431.0	1312.1	1205.4	1116.0	1061.6	1035.5	1035.8
87.5°	2010.7	1923.7	1796.0	1590.4	1438.7	1320.7	1208.8	1114.5	1063.5	1041.5	1050.8
90°	2008.7	1920.7	1792.2	1578.5	1432.7	1318.0	1203.4	1108.0	1063.1	1047.5	1065.8
92.5°	2010.7	1923.7	1796.0	1590.4	1438.7	1320.7	1208.8	1114.5	1063.5	1041.5	1050.8
95°	2004.6	1907.8	1773.1	1582.8	1431.0	1312.1	1205.4	1116.0	1061.6	1035.5	1035.8
97.5°	1990.3	1887.6	1746.4	1568.8	1419.1	1301.5	1200.1	1115.1	1058.0	1027.9	1019.5
100°	1967.4	1859.1	1711.0	1543.2	1399.4	1286.5	1191.0	1109.9	1051.4	1018.0	1001.1
102.5°	1940.8	1825.2	1669.1	1505.4	1371.7	1267.6	1178.2	1099.8	1041.3	1004.7	980.0
105°	1899.8	1778.3	1626.7	1467.0	1337.5	1245.2	1162.1	1084.3	1026.9	987.3	955.2
107.5°	1853.0	1724.1	1575.5	1428.9	1307.8	1214.6	1133.0	1060.7	1005.7	965.0	926.1
110°	1791.1	1663.5	1522.1	1375.3	1267.6	1176.6	1095.5	1026.6	973.7	930.0	889.6





TEST NUMBER: P232058

CATALOG NUMBER: FVS4WM-3-LD4-40-2STD-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
112.5°	1726.4	1591.3	1447.7	1319.8	1218.5	1130.0	1052.1	989.3	936.8	890.2	851.6
115°	1642.1	1505.5	1363.7	1257.2	1163.3	1079.9	1006.8	946.5	894.0	845.8	809.0
117.5°	1546.6	1401.8	1286.8	1188.3	1100.1	1023.3	958.1	899.4	845.9	797.6	761.2
120°	1431.4	1316.6	1209.4	1112.5	1035.2	965.7	903.2	845.2	792.5	747.3	713.2
122.5°	1329.4	1225.6	1128.2	1044.7	969.1	902.5	842.0	785.8	734.2	690.7	660.5
125°	1220.9	1126.1	1045.3	970.0	903.4	839.7	777.8	720.4	672.5	632.2	603.4
127.5°	1104.5	1029.4	958.1	893.6	832.5	775.6	716.6	663.0	614.2	569.1	539.8
130°	993.9	931.0	870.2	813.9	760.8	704.9	653.8	605.5	563.2	524.0	489.0
132.5°	886.8	832.9	782.6	731.9	682.9	635.8	591.4	550.9	512.4	479.9	453.6
135°	782.7	738.0	694.2	649.7	608.8	568.5	531.5	494.9	465.1	438.4	420.0
137.5°	681.9	644.3	606.5	572.6	539.9	504.4	471.4	444.5	419.5	403.0	389.5
140°	590.5	556.7	527.3	498.3	469.0	441.9	418.0	397.1	382.4	370.0	360.7
142.5°	516.8	485.4	451.6	428.3	406.4	385.5	371.0	358.3	348.1	339.7	332.9
145°	450.0	422.4	397.1	370.3	351.3	341.4	330.6	323.7	316.2	310.5	305.4
147.5°	394.9	373.0	354.0	336.6	319.1	304.2	296.6	290.6	286.2	281.5	278.6
150°	351.4	336.4	322.0	308.4	295.6	282.9	272.2	261.7	256.1	254.1	251.8
152.5°	315.4	304.4	293.2	282.4	272.6	262.7	254.1	245.6	238.3	232.0	228.6
155°	283.0	274.7	266.1	257.5	249.7	242.5	235.4	228.8	224.6	220.7	217.7
157.5°	252.1	246.0	239.9	233.7	227.4	222.3	217.9	213.7	209.9	206.3	203.0
160°	222.9	218.5	214.5	210.5	206.5	202.6	198.9	195.4	192.0	188.7	184.7
162.5°	194.9	192.0	189.0	186.1	183.0	180.0	176.9	173.9	170.7	167.2	163.4
165°	165.0	163.1	161.0	159.3	157.5	155.5	153.3	150.8	148.1	144.7	141.0
167.5°	137.3	136.5	135.6	134.4	133.0	131.2	129.2	126.9	124.4	121.6	118.6
170°	111.8	111.2	110.4	109.4	108.2	106.8	105.0	102.8	100.4	97.8	95.0
172.5°	85.8	85.1	84.3	83.3	82.1	80.8	79.3	77.6	75.8	73.7	71.3
175°	57.7	57.1	56.3	55.4	54.5	53.4	52.2	50.9	49.5	48.0	46.4
177.5°	27.7	27.5	27.2	26.9	26.6	26.2	25.8	25.3	24.8	24.2	23.6
180°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0



TEST NUMBER: P232058

CATALOG NUMBER: FVS4WM-3-LD4-40-2STD-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
2.5°	22.9	22.3	21.5	20.8	20.0	19.1	18.3	17.4	16.4	15.5	14.5
5°	44.7	42.9	41.1	39.5	38.0	36.3	34.6	32.8	31.0	29.1	27.1
7.5°	68.7	66.1	63.3	60.3	57.3	54.1	50.9	48.1	45.4	42.6	39.7
10°	91.9	88.7	85.6	81.5	77.4	73.2	68.9	64.4	59.8	55.9	52.1
12.5°	114.9	110.8	106.5	102.0	97.2	92.2	86.8	81.2	75.5	69.6	64.5
15°	137.0	132.7	128.8	122.6	116.8	110.8	104.5	97.9	91.0	84.1	76.9
17.5°	160.1	154.3	148.8	143.0	136.7	129.5	122.1	114.4	106.5	98.4	90.1
20°	180.1	175.3	170.0	163.2	156.1	148.6	140.0	131.1	121.8	112.6	103.2
22.5°	199.9	195.1	189.4	183.5	175.7	167.1	158.2	147.9	137.4	126.7	116.2
25°	214.4	211.8	208.3	201.7	196.7	189.7	181.7	173.1	163.2	153.0	142.7
27.5°	229.1	229.7	230.0	229.1	224.0	218.5	210.7	202.1	192.5	181.9	170.9
30°	252.0	252.4	252.5	252.3	250.5	244.9	238.6	230.0	221.7	210.1	199.1
32.5°	276.0	275.2	275.1	274.7	274.0	270.5	264.4	256.8	248.0	237.7	226.4
35°	301.8	298.9	297.7	297.1	296.2	294.9	289.3	283.3	274.1	264.6	253.3
37.5°	327.4	323.7	320.7	319.6	318.8	317.0	313.6	307.2	299.5	290.9	279.7
40°	353.6	347.9	344.7	342.0	340.7	339.0	336.9	331.0	324.0	315.9	305.7
42.5°	379.5	372.9	367.8	365.1	363.0	361.1	358.7	354.3	347.8	340.3	331.1
45°	406.9	396.8	391.3	387.6	385.1	383.1	380.5	377.1	370.8	364.0	356.1
47.5°	433.4	422.4	414.3	409.7	407.2	407.4	408.4	406.3	399.5	390.4	380.1
50°	465.2	449.8	450.6	455.7	458.6	457.7	453.5	446.0	434.1	419.3	404.7
52.5°	519.2	511.7	513.4	516.9	518.2	511.7	501.9	488.5	471.2	449.5	430.2
55°	580.9	572.9	573.6	578.5	580.3	569.2	553.1	533.7	510.4	481.7	456.6
57.5°	639.7	629.4	631.7	639.4	641.5	629.9	607.1	581.1	551.4	515.7	484.0
60°	692.5	683.0	688.2	698.0	703.1	693.5	663.5	630.7	593.8	551.1	512.1
62.5°	742.5	735.5	741.2	754.8	765.1	759.7	722.1	681.8	637.6	587.8	540.9
65°	788.4	783.4	791.0	810.0	827.2	823.1	782.6	734.6	682.8	625.5	570.3
67.5°	829.6	827.0	837.9	863.2	884.4	884.3	844.8	788.5	729.0	664.1	600.1
70°	867.7	868.8	884.9	912.1	931.5	926.2	881.1	813.3	745.2	675.2	606.7
72.5°	904.6	903.6	915.9	937.2	950.2	937.6	891.3	819.6	748.8	678.8	609.6
75°	936.0	935.1	946.0	963.8	973.0	951.1	900.9	825.4	751.6	681.4	611.8
77.5°	964.5	965.8	976.8	991.7	998.9	966.2	909.9	830.7	753.5	683.3	613.5
80°	990.6	996.0	1008.2	1020.7	1027.2	982.4	918.1	835.2	754.6	684.2	614.6
82.5°	1014.9	1025.9	1040.2	1050.6	1057.0	999.0	925.4	838.9	754.8	684.4	617.0
85°	1038.2	1055.8	1072.6	1081.3	1087.4	1018.5	934.5	844.0	755.8	685.2	616.2
87.5°	1060.7	1085.6	1105.2	1112.3	1118.4	1032.0	937.3	843.9	753.0	682.9	615.3
90°	1084.2	1116.3	1138.3	1143.8	1146.5	1045.6	940.1	843.8	750.3	680.6	614.5
92.5°	1060.7	1085.6	1105.2	1112.3	1118.4	1032.0	937.3	843.9	753.0	682.9	615.3
95°	1038.2	1055.8	1072.6	1081.3	1087.4	1018.5	934.5	844.0	755.8	685.2	616.2
97.5°	1014.9	1025.9	1040.2	1050.6	1057.0	999.0	925.4	838.9	754.8	684.4	617.0
100°	990.6	996.0	1008.2	1020.7	1027.2	982.4	918.1	835.2	754.6	684.2	614.6
102.5°	964.5	965.8	976.8	991.7	998.9	966.2	909.9	830.7	753.5	683.3	613.5
105°	936.0	935.1	946.0	963.8	973.0	951.1	900.9	825.4	751.6	681.4	611.8
107.5°	904.6	903.6	915.9	937.2	950.2	937.6	891.3	819.6	748.8	678.8	609.6
110°	867.7	868.8	884.9	912.1	931.5	926.2	881.1	813.3	745.2	675.2	606.7



TEST NUMBER: P232058

CATALOG NUMBER: FVS4WM-3-LD4-40-2STD-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
112.5°	829.6	827.0	837.9	863.2	884.4	884.3	844.8	788.5	729.0	664.1	600.1
115°	788.4	783.4	791.0	810.0	827.2	823.1	782.6	734.6	682.8	625.5	570.3
117.5°	742.5	735.5	741.2	754.8	765.1	759.7	722.1	681.8	637.6	587.8	540.9
120°	692.5	683.0	688.2	698.0	703.1	693.5	663.5	630.7	593.8	551.1	512.1
122.5°	639.7	629.4	631.7	639.4	641.5	629.9	607.1	581.1	551.4	515.7	484.0
125°	580.9	572.9	573.6	578.5	580.3	569.2	553.1	533.7	510.4	481.7	456.6
127.5°	519.2	511.7	513.4	516.9	518.2	511.7	501.9	488.5	471.2	449.5	430.2
130°	465.2	449.8	450.6	455.7	458.6	457.7	453.5	446.0	434.1	419.3	404.7
132.5°	433.4	422.4	414.3	409.7	407.2	407.4	408.4	406.3	399.5	390.4	380.1
135°	406.9	396.8	391.3	387.6	385.1	383.1	380.5	377.1	370.8	364.0	356.1
137.5°	379.5	372.9	367.8	365.1	363.0	361.1	358.7	354.3	347.8	340.3	331.1
140°	353.6	347.9	344.7	342.0	340.7	339.0	336.9	331.0	324.0	315.9	305.7
142.5°	327.4	323.7	320.7	319.6	318.8	317.0	313.6	307.2	299.5	290.9	279.7
145°	301.8	298.9	297.7	297.1	296.2	294.9	289.3	283.3	274.1	264.6	253.3
147.5°	276.0	275.2	275.1	274.7	274.0	270.5	264.4	256.8	248.0	237.7	226.4
150°	252.0	252.4	252.5	252.3	250.5	244.9	238.6	230.0	221.7	210.1	199.1
152.5°	229.1	229.7	230.0	229.1	224.0	218.5	210.7	202.1	192.5	181.9	170.9
155°	214.4	211.8	208.3	201.7	196.7	189.7	181.7	173.1	163.2	153.0	142.7
157.5°	199.9	195.1	189.4	183.5	175.7	167.1	158.2	147.9	137.4	126.7	116.2
160°	180.1	175.3	170.0	163.2	156.1	148.6	140.0	131.1	121.8	112.6	103.2
162.5°	160.1	154.3	148.8	143.0	136.7	129.5	122.1	114.4	106.5	98.4	90.1
165°	137.0	132.7	128.8	122.6	116.8	110.8	104.5	97.9	91.0	84.1	76.9
167.5°	114.9	110.8	106.5	102.0	97.2	92.2	86.8	81.2	75.5	69.6	64.5
170°	91.9	88.7	85.6	81.5	77.4	73.2	68.9	64.4	59.8	55.9	52.1
172.5°	68.7	66.1	63.3	60.3	57.3	54.1	50.9	48.1	45.4	42.6	39.7
175°	44.7	42.9	41.1	39.5	38.0	36.3	34.6	32.8	31.0	29.1	27.1
177.5°	22.9	22.3	21.5	20.8	20.0	19.1	18.3	17.4	16.4	15.5	14.5
180°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0



TEST NUMBER: P232058

CATALOG NUMBER: FVS4WM-3-LD4-40-2STD-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
0°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
2.5°	13.5	12.5	11.4	10.4	10.3	10.3	10.2	10.1	10.0	9.9	9.7
5°	25.1	23.1	21.0	18.9	18.8	18.6	18.4	18.1	17.8	17.5	17.2
7.5°	36.7	33.7	30.6	27.5	27.2	26.8	26.3	25.9	25.3	24.8	24.2
10°	48.2	44.2	40.2	36.1	35.5	34.8	34.1	33.3	32.5	31.7	31.0
12.5°	59.7	54.7	49.7	44.6	43.7	42.7	41.6	40.5	39.5	38.7	37.9
15°	71.0	65.2	59.2	53.2	51.9	50.5	49.0	47.6	46.6	45.6	44.6
17.5°	82.3	75.6	68.7	61.8	60.0	58.1	56.1	54.8	53.7	52.5	51.3
20°	93.6	85.9	78.2	70.3	68.0	65.6	63.3	62.0	60.7	59.4	58.1
22.5°	105.5	96.1	87.6	78.9	76.0	73.0	70.6	69.1	67.6	66.2	64.8
25°	132.0	121.7	112.4	102.6	98.5	94.0	90.5	87.5	84.4	81.2	77.9
27.5°	159.4	147.8	137.3	126.4	121.0	115.2	111.1	107.0	102.9	98.7	94.4
30°	186.7	173.9	162.3	150.1	143.3	136.1	131.2	126.1	120.8	115.4	110.2
32.5°	213.7	200.3	187.3	173.9	165.5	157.2	151.0	144.6	138.0	131.5	125.3
35°	240.6	226.5	212.3	197.6	187.6	178.0	170.5	162.7	154.6	147.2	140.0
37.5°	267.3	252.6	237.3	221.4	209.6	198.6	189.6	180.3	171.0	162.5	153.7
40°	293.9	278.6	262.3	245.1	231.4	219.0	208.5	197.4	186.7	177.3	166.7
42.5°	320.1	304.5	287.4	268.9	253.2	239.3	227.5	214.1	202.4	192.0	179.2
45°	345.5	330.2	312.4	292.6	274.8	259.3	245.3	230.4	217.7	205.2	191.3
47.5°	365.5	347.2	326.7	304.8	284.9	267.7	252.0	236.0	223.7	211.3	198.4
50°	385.7	364.1	340.9	317.1	294.8	275.4	257.2	239.5	226.0	213.1	200.5
52.5°	406.7	381.2	355.1	329.3	304.6	282.8	262.2	243.0	228.0	215.2	203.0
55°	428.4	398.6	369.3	341.5	314.4	290.0	267.0	246.4	230.3	217.8	206.1
57.5°	450.8	416.2	383.6	353.8	324.1	297.1	271.6	249.6	233.0	220.8	209.7
60°	473.7	433.9	397.9	366.0	333.8	304.1	276.0	252.7	235.9	224.3	214.3
62.5°	497.1	451.7	412.1	378.2	343.5	310.9	280.4	255.7	239.2	228.2	218.5
65°	520.8	469.7	426.4	390.5	353.1	317.6	284.7	258.7	242.7	232.5	223.7
67.5°	544.9	487.7	440.7	402.7	362.7	324.3	288.9	261.7	246.4	237.1	229.4
70°	550.4	492.0	444.0	401.9	360.9	321.5	286.0	259.6	245.1	236.2	230.0
72.5°	554.0	495.7	447.3	401.1	359.1	318.4	282.9	257.1	242.5	233.2	227.5
75°	557.2	499.2	452.5	400.2	357.4	315.5	279.9	254.8	239.9	230.2	225.3
77.5°	559.9	502.4	455.3	399.4	355.7	312.7	277.2	252.8	237.4	227.3	223.2
80°	562.2	506.9	458.2	398.6	354.1	310.0	274.7	251.0	234.8	224.4	221.3
82.5°	565.6	509.0	461.0	397.8	352.6	307.4	272.4	249.4	232.3	221.5	219.5
85°	566.3	511.2	463.9	396.9	351.1	305.1	270.4	248.0	229.9	218.8	217.8
87.5°	567.1	513.3	466.7	396.1	349.8	302.8	268.5	246.8	227.7	216.2	216.2
90°	567.8	515.5	469.6	395.3	348.5	300.8	266.9	245.8	225.6	213.7	214.6
92.5°	567.1	513.3	466.7	396.1	349.8	302.8	268.5	246.8	227.7	216.2	216.2
95°	566.3	511.2	463.9	396.9	351.1	305.1	270.4	248.0	229.9	218.8	217.8
97.5°	565.6	509.0	461.0	397.8	352.6	307.4	272.4	249.4	232.3	221.5	219.5
100°	562.2	506.9	458.2	398.6	354.1	310.0	274.7	251.0	234.8	224.4	221.3
102.5°	559.9	502.4	455.3	399.4	355.7	312.7	277.2	252.8	237.4	227.3	223.2
105°	557.2	499.2	452.5	400.2	357.4	315.5	279.9	254.8	239.9	230.2	225.3
107.5°	554.0	495.7	447.3	401.1	359.1	318.4	282.9	257.1	242.5	233.2	227.5
110°	550.4	492.0	444.0	401.9	360.9	321.5	286.0	259.6	245.1	236.2	230.0



TEST NUMBER: P232058

CATALOG NUMBER: FVS4WM-3-LD4-40-2STD-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
112.5°	544.9	487.7	440.7	402.7	362.7	324.3	288.9	261.7	246.4	237.1	229.4
115°	520.8	469.7	426.4	390.5	353.1	317.6	284.7	258.7	242.7	232.5	223.7
117.5°	497.1	451.7	412.1	378.2	343.5	310.9	280.4	255.7	239.2	228.2	218.5
120°	473.7	433.9	397.9	366.0	333.8	304.1	276.0	252.7	235.9	224.3	214.3
122.5°	450.8	416.2	383.6	353.8	324.1	297.1	271.6	249.6	233.0	220.8	209.7
125°	428.4	398.6	369.3	341.5	314.4	290.0	267.0	246.4	230.3	217.8	206.1
127.5°	406.7	381.2	355.1	329.3	304.6	282.8	262.2	243.0	228.0	215.2	203.0
130°	385.7	364.1	340.9	317.1	294.8	275.4	257.2	239.5	226.0	213.1	200.5
132.5°	365.5	347.2	326.7	304.8	284.9	267.7	252.0	236.0	223.7	211.3	198.4
135°	345.5	330.2	312.4	292.6	274.8	259.3	245.3	230.4	217.7	205.2	191.3
137.5°	320.1	304.5	287.4	268.9	253.2	239.3	227.5	214.1	202.4	192.0	179.2
140°	293.9	278.6	262.3	245.1	231.4	219.0	208.5	197.4	186.7	177.3	166.7
142.5°	267.3	252.6	237.3	221.4	209.6	198.6	189.6	180.3	171.0	162.5	153.7
145°	240.6	226.5	212.3	197.6	187.6	178.0	170.5	162.7	154.6	147.2	140.0
147.5°	213.7	200.3	187.3	173.9	165.5	157.2	151.0	144.6	138.0	131.5	125.3
150°	186.7	173.9	162.3	150.1	143.3	136.1	131.2	126.1	120.8	115.4	110.2
152.5°	159.4	147.8	137.3	126.4	121.0	115.2	111.1	107.0	102.9	98.7	94.4
155°	132.0	121.7	112.4	102.6	98.5	94.0	90.5	87.5	84.4	81.2	77.9
157.5°	105.5	96.1	87.6	78.9	76.0	73.0	70.6	69.1	67.6	66.2	64.8
160°	93.6	85.9	78.2	70.3	68.0	65.6	63.3	62.0	60.7	59.4	58.1
162.5°	82.3	75.6	68.7	61.8	60.0	58.1	56.1	54.8	53.7	52.5	51.3
165°	71.0	65.2	59.2	53.2	51.9	50.5	49.0	47.6	46.6	45.6	44.6
167.5°	59.7	54.7	49.7	44.6	43.7	42.7	41.6	40.5	39.5	38.7	37.9
170°	48.2	44.2	40.2	36.1	35.5	34.8	34.1	33.3	32.5	31.7	31.0
172.5°	36.7	33.7	30.6	27.5	27.2	26.8	26.3	25.9	25.3	24.8	24.2
175°	25.1	23.1	21.0	18.9	18.8	18.6	18.4	18.1	17.8	17.5	17.2
177.5°	13.5	12.5	11.4	10.4	10.3	10.3	10.2	10.1	10.0	9.9	9.7
180°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0



TEST NUMBER: P232058

CATALOG NUMBER: FVS4WM-3-LD4-40-2STD-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
0°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
2.5°	9.6	9.4	9.3	9.1	8.9	8.7	8.4	8.2	8.0	7.7	7.4
5°	16.8	16.5	16.1	15.7	15.2	14.8	14.3	13.8	13.3	12.8	12.3
7.5°	23.6	23.1	22.5	21.9	21.2	20.6	19.9	19.1	18.4	17.6	16.9
10°	30.3	29.6	28.8	28.0	27.1	26.3	25.5	24.7	23.8	22.8	21.9
12.5°	37.0	36.0	35.1	34.2	33.3	32.3	31.3	30.2	29.0	27.8	26.5
15°	43.5	42.6	41.5	40.4	39.3	38.0	36.6	35.2	33.8	32.3	30.7
17.5°	50.2	49.1	47.9	46.4	44.9	43.3	41.7	39.9	38.1	36.2	34.4
20°	56.8	55.5	53.8	52.1	50.3	48.2	46.2	44.1	42.0	40.1	38.1
22.5°	63.4	61.5	59.5	57.4	55.1	52.7	50.4	48.2	46.1	43.9	41.2
25°	74.3	70.5	66.5	62.3	59.6	57.1	54.7	52.3	49.4	46.4	43.5
27.5°	89.9	85.2	80.0	74.9	70.0	65.3	60.4	55.2	51.9	49.0	46.3
30°	104.8	98.8	92.6	86.9	81.3	75.3	69.1	63.2	58.1	53.1	49.0
32.5°	118.7	111.5	104.6	97.9	91.0	83.7	76.9	71.0	65.2	59.9	54.7
35°	131.7	123.4	115.7	107.7	99.2	91.3	84.3	77.7	71.6	65.8	60.6
37.5°	144.1	134.9	125.9	116.2	106.7	98.6	90.9	83.9	77.3	71.3	65.7
40°	155.9	145.6	134.8	123.7	114.1	105.0	97.0	89.4	82.4	76.2	70.7
42.5°	167.2	155.6	142.9	131.1	120.5	111.2	102.4	94.4	87.3	80.9	74.7
45°	178.0	164.4	150.3	138.0	126.8	116.7	107.5	99.1	91.8	84.7	77.8
47.5°	185.9	172.1	157.7	144.3	132.8	122.0	111.9	103.7	95.6	87.6	81.0
50°	188.0	174.3	161.2	148.8	137.5	126.7	116.7	107.7	98.5	90.6	83.5
52.5°	190.7	177.6	164.5	152.4	141.0	130.4	121.4	111.5	101.3	93.1	85.2
55°	194.2	181.5	168.4	156.2	145.1	135.6	126.7	116.9	106.7	96.5	86.8
57.5°	198.4	185.8	172.8	160.7	149.6	141.5	132.8	122.8	111.8	100.6	90.6
60°	203.4	190.5	177.5	165.7	155.8	148.1	139.9	128.5	116.3	104.6	93.9
62.5°	208.8	195.6	182.4	171.0	162.6	155.5	146.6	134.1	120.5	108.3	97.1
65°	214.2	201.0	187.7	176.8	170.0	163.6	153.0	139.0	124.7	111.8	100.0
67.5°	219.9	206.7	193.7	183.5	177.9	172.4	159.4	143.8	128.8	115.4	103.1
70°	221.5	209.8	198.5	190.7	186.4	180.5	165.8	148.4	132.9	119.0	106.2
72.5°	219.3	208.8	198.6	191.3	187.2	180.8	167.5	151.8	136.9	122.6	109.2
75°	217.6	208.3	198.9	191.7	186.8	178.8	166.1	151.2	136.1	122.3	110.0
77.5°	216.3	208.4	199.4	192.0	186.3	177.5	165.8	151.1	135.4	121.2	108.9
80°	215.4	208.9	200.2	192.2	185.6	176.7	166.4	151.4	135.0	120.4	108.4
82.5°	214.7	209.8	201.2	192.3	185.0	176.5	167.8	152.2	134.9	120.0	108.5
85°	214.2	211.0	202.5	192.6	184.3	176.6	169.9	153.5	135.2	120.1	109.1
87.5°	213.9	212.3	203.9	192.9	183.8	177.1	172.4	155.4	136.1	120.8	110.3
90°	213.7	213.7	205.5	193.5	183.4	177.9	175.2	157.8	137.6	122.0	111.9
92.5°	213.9	212.3	203.9	192.9	183.8	177.1	172.4	155.4	136.1	120.8	110.3
95°	214.2	211.0	202.5	192.6	184.3	176.6	169.9	153.5	135.2	120.1	109.1
97.5°	214.7	209.8	201.2	192.3	185.0	176.5	167.8	152.2	134.9	120.0	108.5
100°	215.4	208.9	200.2	192.2	185.6	176.7	166.4	151.4	135.0	120.4	108.4
102.5°	216.3	208.4	199.4	192.0	186.3	177.5	165.8	151.1	135.4	121.2	108.9
105°	217.6	208.3	198.9	191.7	186.8	178.8	166.1	151.2	136.1	122.3	110.0
107.5°	219.3	208.8	198.6	191.3	187.2	180.8	167.5	151.8	136.9	122.6	109.2
110°	221.5	209.8	198.5	190.7	186.4	180.5	165.8	148.4	132.9	119.0	106.2



TEST NUMBER: P232058

CATALOG NUMBER: FVS4WM-3-LD4-40-2STD-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
112.5°	219.9	206.7	193.7	183.5	177.9	172.4	159.4	143.8	128.8	115.4	103.1
115°	214.2	201.0	187.7	176.8	170.0	163.6	153.0	139.0	124.7	111.8	100.0
117.5°	208.8	195.6	182.4	171.0	162.6	155.5	146.6	134.1	120.5	108.3	97.1
120°	203.4	190.5	177.5	165.7	155.8	148.1	139.9	128.5	116.3	104.6	93.9
122.5°	198.4	185.8	172.8	160.7	149.6	141.5	132.8	122.8	111.8	100.6	90.6
125°	194.2	181.5	168.4	156.2	145.1	135.6	126.7	116.9	106.7	96.5	86.8
127.5°	190.7	177.6	164.5	152.4	141.0	130.4	121.4	111.5	101.3	93.1	85.2
130°	188.0	174.3	161.2	148.8	137.5	126.7	116.7	107.7	98.5	90.6	83.5
132.5°	185.9	172.1	157.7	144.3	132.8	122.0	111.9	103.7	95.6	87.6	81.0
135°	178.0	164.4	150.3	138.0	126.8	116.7	107.5	99.1	91.8	84.7	77.8
137.5°	167.2	155.6	142.9	131.1	120.5	111.2	102.4	94.4	87.3	80.9	74.7
140°	155.9	145.6	134.8	123.7	114.1	105.0	97.0	89.4	82.4	76.2	70.7
142.5°	144.1	134.9	125.9	116.2	106.7	98.6	90.9	83.9	77.3	71.3	65.7
145°	131.7	123.4	115.7	107.7	99.2	91.3	84.3	77.7	71.6	65.8	60.6
147.5°	118.7	111.5	104.6	97.9	91.0	83.7	76.9	71.0	65.2	59.9	54.7
150°	104.8	98.8	92.6	86.9	81.3	75.3	69.1	63.2	58.1	53.1	49.0
152.5°	89.9	85.2	80.0	74.9	70.0	65.3	60.4	55.2	51.9	49.0	46.3
155°	74.3	70.5	66.5	62.3	59.6	57.1	54.7	52.3	49.4	46.4	43.5
157.5°	63.4	61.5	59.5	57.4	55.1	52.7	50.4	48.2	46.1	43.9	41.2
160°	56.8	55.5	53.8	52.1	50.3	48.2	46.2	44.1	42.0	40.1	38.1
162.5°	50.2	49.1	47.9	46.4	44.9	43.3	41.7	39.9	38.1	36.2	34.4
165°	43.5	42.6	41.5	40.4	39.3	38.0	36.6	35.2	33.8	32.3	30.7
167.5°	37.0	36.0	35.1	34.2	33.3	32.3	31.3	30.2	29.0	27.8	26.5
170°	30.3	29.6	28.8	28.0	27.1	26.3	25.5	24.7	23.8	22.8	21.9
172.5°	23.6	23.1	22.5	21.9	21.2	20.6	19.9	19.1	18.4	17.6	16.9
175°	16.8	16.5	16.1	15.7	15.2	14.8	14.3	13.8	13.3	12.8	12.3
177.5°	9.6	9.4	9.3	9.1	8.9	8.7	8.4	8.2	8.0	7.7	7.4
180°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0



TEST NUMBER: P232058

CATALOG NUMBER: FVS4WM-3-LD4-40-2STD-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
0°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
2.5°	7.2	6.9	6.6	6.3	6.0	5.7	5.4	5.1	4.8	4.5	4.1
5°	11.7	11.2	10.6	10.0	9.4	8.8	8.1	7.5	6.8	6.2	5.5
7.5°	16.2	15.4	14.6	13.8	12.9	12.1	11.2	10.3	9.4	8.5	7.6
10°	20.9	19.9	18.8	17.7	16.6	15.4	14.3	13.1	11.9	10.7	9.5
12.5°	25.2	23.9	22.6	21.2	19.8	18.4	16.9	15.5	14.1	12.6	11.2
15°	29.1	27.5	25.8	24.2	22.6	20.9	19.3	17.7	16.0	14.4	12.7
17.5°	32.6	30.8	29.0	27.2	25.4	23.6	21.5	19.6	17.7	15.8	13.9
20°	36.1	34.0	31.7	29.5	27.3	25.1	23.0	21.0	19.0	17.0	14.9
22.5°	38.7	36.1	33.7	31.5	29.2	27.0	24.8	22.6	20.4	18.2	16.0
25°	41.0	38.5	36.1	33.7	31.2	28.8	26.5	24.1	21.8	19.5	17.2
27.5°	43.6	41.0	38.3	35.7	33.2	30.7	28.3	25.8	23.4	21.0	18.5
30°	46.1	43.3	40.6	38.0	35.4	32.9	30.4	27.8	25.3	22.7	20.2
32.5°	50.0	45.9	43.2	40.6	38.0	35.4	32.8	30.2	27.5	24.9	22.1
35°	55.5	51.1	46.9	43.5	40.8	38.0	35.4	32.7	29.9	27.0	24.0
37.5°	60.8	56.1	51.6	47.4	43.8	41.2	38.3	35.2	32.0	28.8	25.4
40°	65.3	60.1	55.6	51.7	47.8	44.1	40.8	37.2	33.7	30.1	26.6
42.5°	68.8	63.8	59.3	54.8	50.6	46.5	42.6	38.9	35.4	31.8	28.2
45°	72.2	66.9	61.7	56.9	52.3	48.0	44.4	41.0	37.2	33.1	29.2
47.5°	74.8	68.9	63.4	58.2	53.6	49.5	45.5	41.8	38.4	34.3	30.2
50°	76.6	70.3	64.5	59.3	54.5	50.0	45.9	42.1	38.8	35.0	30.5
52.5°	77.9	71.3	65.3	59.7	54.7	50.0	45.8	41.9	38.1	34.8	31.2
55°	79.0	72.0	65.6	59.8	54.5	49.7	45.4	41.5	37.9	34.6	31.2
57.5°	81.2	72.4	65.7	59.6	54.1	49.5	45.2	41.3	37.4	33.7	30.2
60°	84.0	75.0	66.7	59.1	54.1	49.4	44.9	40.6	36.7	32.9	29.3
62.5°	86.7	77.3	68.4	61.1	54.6	49.1	44.4	40.2	36.2	32.2	28.3
65°	89.3	79.4	70.5	62.9	56.0	49.6	44.2	39.9	35.7	31.5	27.2
67.5°	91.8	81.5	72.4	64.5	57.2	50.6	45.1	39.9	35.4	31.0	26.6
70°	94.4	83.6	74.2	65.9	58.1	51.7	45.9	40.4	35.4	30.8	25.9
72.5°	96.9	85.8	76.2	67.2	59.4	52.7	46.6	40.6	35.2	30.0	25.1
75°	98.7	88.0	78.2	68.5	60.7	53.9	47.1	40.6	34.4	28.4	23.4
77.5°	98.0	88.1	78.7	69.8	62.2	55.1	47.5	40.4	33.1	26.5	21.0
80°	98.1	88.5	79.1	70.5	62.7	55.0	47.4	39.8	31.7	24.2	17.9
82.5°	98.9	89.5	80.1	71.7	63.0	54.7	46.7	38.5	30.2	22.0	14.6
85°	100.3	91.0	81.6	73.3	63.6	54.9	46.5	37.7	29.4	20.8	12.9
87.5°	102.2	92.9	83.6	75.4	64.5	55.6	46.7	37.7	29.4	20.4	12.4
90°	104.6	95.4	86.2	78.0	66.0	56.9	47.7	38.5	30.3	21.1	12.8
92.5°	102.2	92.9	83.6	75.4	64.5	55.6	46.7	37.7	29.4	20.4	12.4
95°	100.3	91.0	81.6	73.3	63.6	54.9	46.5	37.7	29.4	20.8	12.9
97.5°	98.9	89.5	80.1	71.7	63.0	54.7	46.7	38.5	30.2	22.0	14.6
100°	98.1	88.5	79.1	70.5	62.7	55.0	47.4	39.8	31.7	24.2	17.9
102.5°	98.0	88.1	78.7	69.8	62.2	55.1	47.5	40.4	33.1	26.5	21.0
105°	98.7	88.0	78.2	68.5	60.7	53.9	47.1	40.6	34.4	28.4	23.4
107.5°	96.9	85.8	76.2	67.2	59.4	52.7	46.6	40.6	35.2	30.0	25.1
110°	94.4	83.6	74.2	65.9	58.1	51.7	45.9	40.4	35.4	30.8	25.9





TEST NUMBER: P232058

CATALOG NUMBER: FVS4WM-3-LD4-40-2STD-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
112.5°	91.8	81.5	72.4	64.5	57.2	50.6	45.1	39.9	35.4	31.0	26.6
115°	89.3	79.4	70.5	62.9	56.0	49.6	44.2	39.9	35.7	31.5	27.2
117.5°	86.7	77.3	68.4	61.1	54.6	49.1	44.4	40.2	36.2	32.2	28.3
120°	84.0	75.0	66.7	59.1	54.1	49.4	44.9	40.6	36.7	32.9	29.3
122.5°	81.2	72.4	65.7	59.6	54.1	49.5	45.2	41.3	37.4	33.7	30.2
125°	79.0	72.0	65.6	59.8	54.5	49.7	45.4	41.5	37.9	34.6	31.2
127.5°	77.9	71.3	65.3	59.7	54.7	50.0	45.8	41.9	38.1	34.8	31.2
130°	76.6	70.3	64.5	59.3	54.5	50.0	45.9	42.1	38.8	35.0	30.5
132.5°	74.8	68.9	63.4	58.2	53.6	49.5	45.5	41.8	38.4	34.3	30.2
135°	72.2	66.9	61.7	56.9	52.3	48.0	44.4	41.0	37.2	33.1	29.2
137.5°	68.8	63.8	59.3	54.8	50.6	46.5	42.6	38.9	35.4	31.8	28.2
140°	65.3	60.1	55.6	51.7	47.8	44.1	40.8	37.2	33.7	30.1	26.6
142.5°	60.8	56.1	51.6	47.4	43.8	41.2	38.3	35.2	32.0	28.8	25.4
145°	55.5	51.1	46.9	43.5	40.8	38.0	35.4	32.7	29.9	27.0	24.0
147.5°	50.0	45.9	43.2	40.6	38.0	35.4	32.8	30.2	27.5	24.9	22.1
150°	46.1	43.3	40.6	38.0	35.4	32.9	30.4	27.8	25.3	22.7	20.2
152.5°	43.6	41.0	38.3	35.7	33.2	30.7	28.3	25.8	23.4	21.0	18.5
155°	41.0	38.5	36.1	33.7	31.2	28.8	26.5	24.1	21.8	19.5	17.2
157.5°	38.7	36.1	33.7	31.5	29.2	27.0	24.8	22.6	20.4	18.2	16.0
160°	36.1	34.0	31.7	29.5	27.3	25.1	23.0	21.0	19.0	17.0	14.9
162.5°	32.6	30.8	29.0	27.2	25.4	23.6	21.5	19.6	17.7	15.8	13.9
165°	29.1	27.5	25.8	24.2	22.6	20.9	19.3	17.7	16.0	14.4	12.7
167.5°	25.2	23.9	22.6	21.2	19.8	18.4	16.9	15.5	14.1	12.6	11.2
170°	20.9	19.9	18.8	17.7	16.6	15.4	14.3	13.1	11.9	10.7	9.5
172.5°	16.2	15.4	14.6	13.8	12.9	12.1	11.2	10.3	9.4	8.5	7.6
175°	11.7	11.2	10.6	10.0	9.4	8.8	8.1	7.5	6.8	6.2	5.5
177.5°	7.2	6.9	6.6	6.3	6.0	5.7	5.4	5.1	4.8	4.5	4.1
180°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0



TEST NUMBER: P232058

CATALOG NUMBER: FVS4WM-3-LD4-40-2STD-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
0°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
2.5°	3.8	3.5	3.1	2.8	2.5	2.1	1.8	2.1	2.5	2.8	3.1
5°	4.9	4.2	3.6	2.9	2.2	1.6	0.9	1.6	2.2	2.9	3.6
7.5°	6.6	5.7	4.8	3.8	2.8	1.9	0.9	1.9	2.8	3.8	4.8
10°	8.3	7.1	5.8	4.6	3.4	2.1	0.9	2.1	3.4	4.6	5.8
12.5°	9.7	8.2	6.8	5.3	3.8	2.4	0.9	2.4	3.8	5.3	6.8
15°	11.0	9.4	7.7	6.0	4.3	2.6	0.9	2.6	4.3	6.0	7.7
17.5°	12.0	10.1	8.3	6.4	4.6	2.7	0.9	2.7	4.6	6.4	8.3
20°	12.9	10.9	8.9	6.9	4.9	2.9	0.9	2.9	4.9	6.9	8.9
22.5°	13.9	11.7	9.5	7.4	5.2	3.1	0.9	3.1	5.2	7.4	9.5
25°	14.9	12.5	10.2	7.9	5.6	3.2	0.9	3.2	5.6	7.9	10.2
27.5°	16.0	13.6	11.0	8.5	6.0	3.4	0.9	3.4	6.0	8.5	11.0
30°	17.6	15.1	12.4	9.8	7.2	4.5	1.8	4.5	7.2	9.8	12.4
32.5°	19.4	16.5	13.6	10.7	7.8	4.8	1.8	4.8	7.8	10.7	13.6
35°	20.9	17.7	14.6	11.4	8.2	5.0	1.8	5.0	8.2	11.4	14.6
37.5°	22.1	18.7	15.3	11.9	8.5	5.2	1.8	5.2	8.5	11.9	15.3
40°	23.1	19.6	16.1	12.6	9.0	5.4	1.8	5.4	9.0	12.6	16.1
42.5°	24.4	20.6	16.8	13.0	9.3	5.5	1.8	5.5	9.3	13.0	16.8
45°	25.2	21.3	17.4	13.5	9.6	5.7	1.8	5.7	9.6	13.5	17.4
47.5°	25.9	21.7	17.6	13.6	9.6	5.7	1.8	5.7	9.6	13.6	17.6
50°	26.1	22.0	17.9	13.9	9.8	5.8	1.8	5.8	9.8	13.9	17.9
52.5°	26.9	22.4	18.1	13.9	9.8	5.8	1.8	5.8	9.8	13.9	18.1
55°	26.9	22.4	18.0	13.8	9.7	5.7	1.8	5.7	9.7	13.8	18.0
57.5°	26.7	22.1	17.9	13.9	10.1	6.4	2.8	6.4	10.1	13.9	17.9
60°	25.7	21.7	17.3	13.3	9.6	6.2	2.8	6.2	9.6	13.3	17.3
62.5°	24.3	20.2	16.3	12.6	9.2	5.9	2.8	5.9	9.2	12.6	16.3
65°	23.1	19.2	15.4	11.8	8.6	5.7	2.8	5.7	8.6	11.8	15.4
67.5°	22.3	18.1	14.3	10.9	7.9	5.3	2.8	5.3	7.9	10.9	14.3
70°	21.2	16.9	13.1	10.0	7.4	5.0	2.8	5.0	7.4	10.0	13.1
72.5°	20.1	16.0	12.5	9.0	6.4	4.4	2.8	4.4	6.4	9.0	12.5
75°	19.5	15.2	11.0	7.4	4.9	3.6	2.8	3.6	4.9	7.4	11.0
77.5°	17.0	13.8	9.3	5.1	1.7	0.4	0.0	0.4	1.7	5.1	9.3
80°	13.1	9.9	5.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.9
82.5°	9.2	5.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	6.6	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	5.6	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	5.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	5.6	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	6.6	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	9.2	5.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	13.1	9.9	5.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.9
102.5°	17.0	13.8	9.3	5.1	1.7	0.4	0.0	0.4	1.7	5.1	9.3
105°	19.5	15.2	11.0	7.4	4.9	3.6	2.8	3.6	4.9	7.4	11.0
107.5°	20.1	16.0	12.5	9.0	6.4	4.4	2.8	4.4	6.4	9.0	12.5
110°	21.2	16.9	13.1	10.0	7.4	5.0	2.8	5.0	7.4	10.0	13.1



TEST NUMBER: P232058

CATALOG NUMBER: FVS4WM-3-LD4-40-2STD-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
112.5°	22.3	18.1	14.3	10.9	7.9	5.3	2.8	5.3	7.9	10.9	14.3
115°	23.1	19.2	15.4	11.8	8.6	5.7	2.8	5.7	8.6	11.8	15.4
117.5°	24.3	20.2	16.3	12.6	9.2	5.9	2.8	5.9	9.2	12.6	16.3
120°	25.7	21.7	17.3	13.3	9.6	6.2	2.8	6.2	9.6	13.3	17.3
122.5°	26.7	22.1	17.9	13.9	10.1	6.4	2.8	6.4	10.1	13.9	17.9
125°	26.9	22.4	18.0	13.8	9.7	5.7	1.8	5.7	9.7	13.8	18.0
127.5°	26.9	22.4	18.1	13.9	9.8	5.8	1.8	5.8	9.8	13.9	18.1
130°	26.1	22.0	17.9	13.9	9.8	5.8	1.8	5.8	9.8	13.9	17.9
132.5°	25.9	21.7	17.6	13.6	9.6	5.7	1.8	5.7	9.6	13.6	17.6
135°	25.2	21.3	17.4	13.5	9.6	5.7	1.8	5.7	9.6	13.5	17.4
137.5°	24.4	20.6	16.8	13.0	9.3	5.5	1.8	5.5	9.3	13.0	16.8
140°	23.1	19.6	16.1	12.6	9.0	5.4	1.8	5.4	9.0	12.6	16.1
142.5°	22.1	18.7	15.3	11.9	8.5	5.2	1.8	5.2	8.5	11.9	15.3
145°	20.9	17.7	14.6	11.4	8.2	5.0	1.8	5.0	8.2	11.4	14.6
147.5°	19.4	16.5	13.6	10.7	7.8	4.8	1.8	4.8	7.8	10.7	13.6
150°	17.6	15.1	12.4	9.8	7.2	4.5	1.8	4.5	7.2	9.8	12.4
152.5°	16.0	13.6	11.0	8.5	6.0	3.4	0.9	3.4	6.0	8.5	11.0
155°	14.9	12.5	10.2	7.9	5.6	3.2	0.9	3.2	5.6	7.9	10.2
157.5°	13.9	11.7	9.5	7.4	5.2	3.1	0.9	3.1	5.2	7.4	9.5
160°	12.9	10.9	8.9	6.9	4.9	2.9	0.9	2.9	4.9	6.9	8.9
162.5°	12.0	10.1	8.3	6.4	4.6	2.7	0.9	2.7	4.6	6.4	8.3
165°	11.0	9.4	7.7	6.0	4.3	2.6	0.9	2.6	4.3	6.0	7.7
167.5°	9.7	8.2	6.8	5.3	3.8	2.4	0.9	2.4	3.8	5.3	6.8
170°	8.3	7.1	5.8	4.6	3.4	2.1	0.9	2.1	3.4	4.6	5.8
172.5°	6.6	5.7	4.8	3.8	2.8	1.9	0.9	1.9	2.8	3.8	4.8
175°	4.9	4.2	3.6	2.9	2.2	1.6	0.9	1.6	2.2	2.9	3.6
177.5°	3.8	3.5	3.1	2.8	2.5	2.1	1.8	2.1	2.5	2.8	3.1
180°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0



TEST NUMBER: P232058

CATALOG NUMBER: FVS4WM-3-LD4-40-2STD-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
0°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
2.5°	3.5	3.8	4.1	4.5	4.8	5.1	5.4	5.7	6.0	6.3	6.6
5°	4.2	4.9	5.5	6.2	6.8	7.5	8.1	8.8	9.4	10.0	10.6
7.5°	5.7	6.6	7.6	8.5	9.4	10.3	11.2	12.1	12.9	13.8	14.6
10°	7.1	8.3	9.5	10.7	11.9	13.1	14.3	15.4	16.6	17.7	18.8
12.5°	8.2	9.7	11.2	12.6	14.1	15.5	16.9	18.4	19.8	21.2	22.6
15°	9.4	11.0	12.7	14.4	16.0	17.7	19.3	20.9	22.6	24.2	25.8
17.5°	10.1	12.0	13.9	15.8	17.7	19.6	21.5	23.6	25.4	27.2	29.0
20°	10.9	12.9	14.9	17.0	19.0	21.0	23.0	25.1	27.3	29.5	31.7
22.5°	11.7	13.9	16.0	18.2	20.4	22.6	24.8	27.0	29.2	31.5	33.7
25°	12.5	14.9	17.2	19.5	21.8	24.1	26.5	28.8	31.2	33.7	36.1
27.5°	13.6	16.0	18.5	21.0	23.4	25.8	28.3	30.7	33.2	35.7	38.3
30°	15.1	17.6	20.2	22.7	25.3	27.8	30.4	32.9	35.4	38.0	40.6
32.5°	16.5	19.4	22.1	24.9	27.5	30.2	32.8	35.4	38.0	40.6	43.2
35°	17.7	20.9	24.0	27.0	29.9	32.7	35.4	38.0	40.8	43.5	46.9
37.5°	18.7	22.1	25.4	28.8	32.0	35.2	38.3	41.2	43.8	47.4	51.6
40°	19.6	23.1	26.6	30.1	33.7	37.2	40.8	44.1	47.8	51.7	55.6
42.5°	20.6	24.4	28.2	31.8	35.4	38.9	42.6	46.5	50.6	54.8	59.3
45°	21.3	25.2	29.2	33.1	37.2	41.0	44.4	48.0	52.3	56.9	61.7
47.5°	21.7	25.9	30.2	34.3	38.4	41.8	45.5	49.5	53.6	58.2	63.4
50°	22.0	26.1	30.5	35.0	38.8	42.1	45.9	50.0	54.5	59.3	64.5
52.5°	22.4	26.9	31.2	34.8	38.1	41.9	45.8	50.0	54.7	59.7	65.3
55°	22.4	26.9	31.2	34.6	37.9	41.5	45.4	49.7	54.5	59.8	65.6
57.5°	22.1	26.7	30.2	33.7	37.4	41.3	45.2	49.5	54.1	59.6	65.7
60°	21.7	25.7	29.3	32.9	36.7	40.6	44.9	49.4	54.1	59.1	66.7
62.5°	20.2	24.3	28.3	32.2	36.2	40.2	44.4	49.1	54.6	61.1	68.4
65°	19.2	23.1	27.2	31.5	35.7	39.9	44.2	49.6	56.0	62.9	70.5
67.5°	18.1	22.3	26.6	31.0	35.4	39.9	45.1	50.6	57.2	64.5	72.4
70°	16.9	21.2	25.9	30.8	35.4	40.4	45.9	51.7	58.1	65.9	74.2
72.5°	16.0	20.1	25.1	30.0	35.2	40.6	46.6	52.7	59.4	67.2	76.2
75°	15.2	19.5	23.4	28.4	34.4	40.6	47.1	53.9	60.7	68.5	78.2
77.5°	13.8	17.0	21.0	26.5	33.1	40.4	47.5	55.1	62.2	69.8	78.7
80°	9.9	13.1	17.9	24.2	31.7	39.8	47.4	55.0	62.7	70.5	79.1
82.5°	5.2	9.2	14.6	22.0	30.2	38.5	46.7	54.7	63.0	71.7	80.1
85°	1.8	6.6	12.9	20.8	29.4	37.7	46.5	54.9	63.6	73.3	81.6
87.5°	0.5	5.6	12.4	20.4	29.4	37.7	46.7	55.6	64.5	75.4	83.6
90°	0.0	5.5	12.8	21.1	30.3	38.5	47.7	56.9	66.0	78.0	86.2
92.5°	0.5	5.6	12.4	20.4	29.4	37.7	46.7	55.6	64.5	75.4	83.6
95°	1.8	6.6	12.9	20.8	29.4	37.7	46.5	54.9	63.6	73.3	81.6
97.5°	5.2	9.2	14.6	22.0	30.2	38.5	46.7	54.7	63.0	71.7	80.1
100°	9.9	13.1	17.9	24.2	31.7	39.8	47.4	55.0	62.7	70.5	79.1
102.5°	13.8	17.0	21.0	26.5	33.1	40.4	47.5	55.1	62.2	69.8	78.7
105°	15.2	19.5	23.4	28.4	34.4	40.6	47.1	53.9	60.7	68.5	78.2
107.5°	16.0	20.1	25.1	30.0	35.2	40.6	46.6	52.7	59.4	67.2	76.2
110°	16.9	21.2	25.9	30.8	35.4	40.4	45.9	51.7	58.1	65.9	74.2



TEST NUMBER: P232058

CATALOG NUMBER: FVS4WM-3-LD4-40-2STD-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
112.5°	18.1	22.3	26.6	31.0	35.4	39.9	45.1	50.6	57.2	64.5	72.4
115°	19.2	23.1	27.2	31.5	35.7	39.9	44.2	49.6	56.0	62.9	70.5
117.5°	20.2	24.3	28.3	32.2	36.2	40.2	44.4	49.1	54.6	61.1	68.4
120°	21.7	25.7	29.3	32.9	36.7	40.6	44.9	49.4	54.1	59.1	66.7
122.5°	22.1	26.7	30.2	33.7	37.4	41.3	45.2	49.5	54.1	59.6	65.7
125°	22.4	26.9	31.2	34.6	37.9	41.5	45.4	49.7	54.5	59.8	65.6
127.5°	22.4	26.9	31.2	34.8	38.1	41.9	45.8	50.0	54.7	59.7	65.3
130°	22.0	26.1	30.5	35.0	38.8	42.1	45.9	50.0	54.5	59.3	64.5
132.5°	21.7	25.9	30.2	34.3	38.4	41.8	45.5	49.5	53.6	58.2	63.4
135°	21.3	25.2	29.2	33.1	37.2	41.0	44.4	48.0	52.3	56.9	61.7
137.5°	20.6	24.4	28.2	31.8	35.4	38.9	42.6	46.5	50.6	54.8	59.3
140°	19.6	23.1	26.6	30.1	33.7	37.2	40.8	44.1	47.8	51.7	55.6
142.5°	18.7	22.1	25.4	28.8	32.0	35.2	38.3	41.2	43.8	47.4	51.6
145°	17.7	20.9	24.0	27.0	29.9	32.7	35.4	38.0	40.8	43.5	46.9
147.5°	16.5	19.4	22.1	24.9	27.5	30.2	32.8	35.4	38.0	40.6	43.2
150°	15.1	17.6	20.2	22.7	25.3	27.8	30.4	32.9	35.4	38.0	40.6
152.5°	13.6	16.0	18.5	21.0	23.4	25.8	28.3	30.7	33.2	35.7	38.3
155°	12.5	14.9	17.2	19.5	21.8	24.1	26.5	28.8	31.2	33.7	36.1
157.5°	11.7	13.9	16.0	18.2	20.4	22.6	24.8	27.0	29.2	31.5	33.7
160°	10.9	12.9	14.9	17.0	19.0	21.0	23.0	25.1	27.3	29.5	31.7
162.5°	10.1	12.0	13.9	15.8	17.7	19.6	21.5	23.6	25.4	27.2	29.0
165°	9.4	11.0	12.7	14.4	16.0	17.7	19.3	20.9	22.6	24.2	25.8
167.5°	8.2	9.7	11.2	12.6	14.1	15.5	16.9	18.4	19.8	21.2	22.6
170°	7.1	8.3	9.5	10.7	11.9	13.1	14.3	15.4	16.6	17.7	18.8
172.5°	5.7	6.6	7.6	8.5	9.4	10.3	11.2	12.1	12.9	13.8	14.6
175°	4.2	4.9	5.5	6.2	6.8	7.5	8.1	8.8	9.4	10.0	10.6
177.5°	3.5	3.8	4.1	4.5	4.8	5.1	5.4	5.7	6.0	6.3	6.6
180°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0



TEST NUMBER: P232058

CATALOG NUMBER: FVS4WM-3-LD4-40-2STD-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
0°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
2.5°	6.9	7.2	7.4	7.7	8.0	8.2	8.4	8.7	8.9	9.1	9.3
5°	11.2	11.7	12.3	12.8	13.3	13.8	14.3	14.8	15.2	15.7	16.1
7.5°	15.4	16.2	16.9	17.6	18.4	19.1	19.9	20.6	21.2	21.9	22.5
10°	19.9	20.9	21.9	22.8	23.8	24.7	25.5	26.3	27.1	28.0	28.8
12.5°	23.9	25.2	26.5	27.8	29.0	30.2	31.3	32.3	33.3	34.2	35.1
15°	27.5	29.1	30.7	32.3	33.8	35.2	36.6	38.0	39.3	40.4	41.5
17.5°	30.8	32.6	34.4	36.2	38.1	39.9	41.7	43.3	44.9	46.4	47.9
20°	34.0	36.1	38.1	40.1	42.0	44.1	46.2	48.2	50.3	52.1	53.8
22.5°	36.1	38.7	41.2	43.9	46.1	48.2	50.4	52.7	55.1	57.4	59.5
25°	38.5	41.0	43.5	46.4	49.4	52.3	54.7	57.1	59.6	62.3	66.5
27.5°	41.0	43.6	46.3	49.0	51.9	55.2	60.4	65.3	70.0	74.9	80.0
30°	43.3	46.1	49.0	53.1	58.1	63.2	69.1	75.3	81.3	86.9	92.6
32.5°	45.9	50.0	54.7	59.9	65.2	71.0	76.9	83.7	91.0	97.9	104.6
35°	51.1	55.5	60.6	65.8	71.6	77.7	84.3	91.3	99.2	107.7	115.7
37.5°	56.1	60.8	65.7	71.3	77.3	83.9	90.9	98.6	106.7	116.2	125.9
40°	60.1	65.3	70.7	76.2	82.4	89.4	97.0	105.0	114.1	123.7	134.8
42.5°	63.8	68.8	74.7	80.9	87.3	94.4	102.4	111.2	120.5	131.1	142.9
45°	66.9	72.2	77.8	84.7	91.8	99.1	107.5	116.7	126.8	138.0	150.3
47.5°	68.9	74.8	81.0	87.6	95.6	103.7	111.9	122.0	132.8	144.3	157.7
50°	70.3	76.6	83.5	90.6	98.5	107.7	116.7	126.7	137.5	148.8	161.2
52.5°	71.3	77.9	85.2	93.1	101.3	111.5	121.4	130.4	141.0	152.4	164.5
55°	72.0	79.0	86.8	96.5	106.7	116.9	126.7	135.6	145.1	156.2	168.4
57.5°	72.4	81.2	90.6	100.6	111.8	122.8	132.8	141.5	149.6	160.7	172.8
60°	75.0	84.0	93.9	104.6	116.3	128.5	139.9	148.1	155.8	165.7	177.5
62.5°	77.3	86.7	97.1	108.3	120.5	134.1	146.6	155.5	162.6	171.0	182.4
65°	79.4	89.3	100.0	111.8	124.7	139.0	153.0	163.6	170.0	176.8	187.7
67.5°	81.5	91.8	103.1	115.4	128.8	143.8	159.4	172.4	177.9	183.5	193.7
70°	83.6	94.4	106.2	119.0	132.9	148.4	165.8	180.5	186.4	190.7	198.5
72.5°	85.8	96.9	109.2	122.6	136.9	151.8	167.5	180.8	187.2	191.3	198.6
75°	88.0	98.7	110.0	122.3	136.1	151.2	166.1	178.8	186.8	191.7	198.9
77.5°	88.1	98.0	108.9	121.2	135.4	151.1	165.8	177.5	186.3	192.0	199.4
80°	88.5	98.1	108.4	120.4	135.0	151.4	166.4	176.7	185.6	192.2	200.2
82.5°	89.5	98.9	108.5	120.0	134.9	152.2	167.8	176.5	185.0	192.3	201.2
85°	91.0	100.3	109.1	120.1	135.2	153.5	169.9	176.6	184.3	192.6	202.5
87.5°	92.9	102.2	110.3	120.8	136.1	155.4	172.4	177.1	183.8	192.9	203.9
90°	95.4	104.6	111.9	122.0	137.6	157.8	175.2	177.9	183.4	193.5	205.5
92.5°	92.9	102.2	110.3	120.8	136.1	155.4	172.4	177.1	183.8	192.9	203.9
95°	91.0	100.3	109.1	120.1	135.2	153.5	169.9	176.6	184.3	192.6	202.5
97.5°	89.5	98.9	108.5	120.0	134.9	152.2	167.8	176.5	185.0	192.3	201.2
100°	88.5	98.1	108.4	120.4	135.0	151.4	166.4	176.7	185.6	192.2	200.2
102.5°	88.1	98.0	108.9	121.2	135.4	151.1	165.8	177.5	186.3	192.0	199.4
105°	88.0	98.7	110.0	122.3	136.1	151.2	166.1	178.8	186.8	191.7	198.9
107.5°	85.8	96.9	109.2	122.6	136.9	151.8	167.5	180.8	187.2	191.3	198.6
110°	83.6	94.4	106.2	119.0	132.9	148.4	165.8	180.5	186.4	190.7	198.5



TEST NUMBER: P232058

CATALOG NUMBER: FVS4WM-3-LD4-40-2STD-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
112.5°	81.5	91.8	103.1	115.4	128.8	143.8	159.4	172.4	177.9	183.5	193.7
115°	79.4	89.3	100.0	111.8	124.7	139.0	153.0	163.6	170.0	176.8	187.7
117.5°	77.3	86.7	97.1	108.3	120.5	134.1	146.6	155.5	162.6	171.0	182.4
120°	75.0	84.0	93.9	104.6	116.3	128.5	139.9	148.1	155.8	165.7	177.5
122.5°	72.4	81.2	90.6	100.6	111.8	122.8	132.8	141.5	149.6	160.7	172.8
125°	72.0	79.0	86.8	96.5	106.7	116.9	126.7	135.6	145.1	156.2	168.4
127.5°	71.3	77.9	85.2	93.1	101.3	111.5	121.4	130.4	141.0	152.4	164.5
130°	70.3	76.6	83.5	90.6	98.5	107.7	116.7	126.7	137.5	148.8	161.2
132.5°	68.9	74.8	81.0	87.6	95.6	103.7	111.9	122.0	132.8	144.3	157.7
135°	66.9	72.2	77.8	84.7	91.8	99.1	107.5	116.7	126.8	138.0	150.3
137.5°	63.8	68.8	74.7	80.9	87.3	94.4	102.4	111.2	120.5	131.1	142.9
140°	60.1	65.3	70.7	76.2	82.4	89.4	97.0	105.0	114.1	123.7	134.8
142.5°	56.1	60.8	65.7	71.3	77.3	83.9	90.9	98.6	106.7	116.2	125.9
145°	51.1	55.5	60.6	65.8	71.6	77.7	84.3	91.3	99.2	107.7	115.7
147.5°	45.9	50.0	54.7	59.9	65.2	71.0	76.9	83.7	91.0	97.9	104.6
150°	43.2	46.1	49.0	53.1	58.1	63.2	69.1	75.3	81.3	86.9	92.6
152.5°	41.0	43.6	46.3	49.0	51.9	55.2	60.4	65.3	70.0	74.9	80.0
155°	38.5	41.0	43.5	46.4	49.4	52.3	54.7	57.1	59.6	62.3	66.5
157.5°	36.1	38.7	41.2	43.9	46.1	48.2	50.4	52.7	55.1	57.4	59.5
160°	34.0	36.1	38.1	40.1	42.0	44.1	46.2	48.2	50.3	52.1	53.8
162.5°	30.8	32.6	34.4	36.2	38.1	39.9	41.7	43.3	44.9	46.4	47.9
165°	27.5	29.1	30.7	32.3	33.8	35.2	36.6	38.0	39.3	40.4	41.5
167.5°	23.9	25.2	26.5	27.8	29.0	30.2	31.3	32.3	33.3	34.2	35.1
170°	19.9	20.9	21.9	22.8	23.8	24.7	25.5	26.3	27.1	28.0	28.8
172.5°	15.4	16.2	16.9	17.6	18.4	19.1	19.9	20.6	21.2	21.9	22.5
175°	11.2	11.7	12.3	12.8	13.3	13.8	14.3	14.8	15.2	15.7	16.1
177.5°	6.9	7.2	7.4	7.7	8.0	8.2	8.4	8.7	8.9	9.1	9.3
180°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0



TEST NUMBER: P232058

CATALOG NUMBER: FVS4WM-3-LD4-40-2STD-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
0°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
2.5°	9.4	9.6	9.7	9.9	10.0	10.1	10.2	10.3	10.3	10.4	11.4
5°	16.5	16.8	17.2	17.5	17.8	18.1	18.4	18.6	18.8	18.9	21.0
7.5°	23.1	23.6	24.2	24.8	25.3	25.9	26.3	26.8	27.2	27.5	30.6
10°	29.6	30.3	31.0	31.7	32.5	33.3	34.1	34.8	35.5	36.1	40.2
12.5°	36.0	37.0	37.9	38.7	39.5	40.5	41.6	42.7	43.7	44.6	49.7
15°	42.6	43.5	44.6	45.6	46.6	47.6	49.0	50.5	51.9	53.2	59.2
17.5°	49.1	50.2	51.3	52.5	53.7	54.8	56.1	58.1	60.0	61.8	68.7
20°	55.5	56.8	58.1	59.4	60.7	62.0	63.3	65.6	68.0	70.3	78.2
22.5°	61.5	63.4	64.8	66.2	67.6	69.1	70.6	73.0	76.0	78.9	87.6
25°	70.5	74.3	77.9	81.2	84.4	87.5	90.5	94.0	98.5	102.6	112.4
27.5°	85.2	89.9	94.4	98.7	102.9	107.0	111.1	115.2	121.0	126.4	137.3
30°	98.8	104.8	110.2	115.4	120.8	126.1	131.2	136.1	143.3	150.1	162.3
32.5°	111.5	118.7	125.3	131.5	138.0	144.6	151.0	157.2	165.5	173.9	187.3
35°	123.4	131.7	140.0	147.2	154.6	162.7	170.5	178.0	187.6	197.6	212.3
37.5°	134.9	144.1	153.7	162.5	171.0	180.3	189.6	198.6	209.6	221.4	237.3
40°	145.6	155.9	166.7	177.3	186.7	197.4	208.5	219.0	231.4	245.1	262.3
42.5°	155.6	167.2	179.2	192.0	202.4	214.1	227.5	239.3	253.2	268.9	287.4
45°	164.4	178.0	191.3	205.2	217.7	230.4	245.3	259.3	274.8	292.6	312.4
47.5°	172.1	185.9	198.4	211.3	223.7	236.0	252.0	267.7	284.9	304.8	326.7
50°	174.3	188.0	200.5	213.1	226.0	239.5	257.2	275.4	294.8	317.1	340.9
52.5°	177.6	190.7	203.0	215.2	228.0	243.0	262.2	282.8	304.6	329.3	355.1
55°	181.5	194.2	206.1	217.8	230.3	246.4	267.0	290.0	314.4	341.5	369.3
57.5°	185.8	198.4	209.7	220.8	233.0	249.6	271.6	297.1	324.1	353.8	383.6
60°	190.5	203.4	214.3	224.3	235.9	252.7	276.0	304.1	333.8	366.0	397.9
62.5°	195.6	208.8	218.5	228.2	239.2	255.7	280.4	310.9	343.5	378.2	412.1
65°	201.0	214.2	223.7	232.5	242.7	258.7	284.7	317.6	353.1	390.5	426.4
67.5°	206.7	219.9	229.4	237.1	246.4	261.7	288.9	324.3	362.7	402.7	440.7
70°	209.8	221.5	230.0	236.2	245.1	259.6	286.0	321.5	360.9	401.9	444.0
72.5°	208.8	219.3	227.5	233.2	242.5	257.1	282.9	318.4	359.1	401.1	447.3
75°	208.3	217.6	225.3	230.2	239.9	254.8	279.9	315.5	357.4	400.2	452.5
77.5°	208.4	216.3	223.2	227.3	237.4	252.8	277.2	312.7	355.7	399.4	455.3
80°	208.9	215.4	221.3	224.4	234.8	251.0	274.7	310.0	354.1	398.6	458.2
82.5°	209.8	214.7	219.5	221.5	232.3	249.4	272.4	307.4	352.6	397.8	461.0
85°	211.0	214.2	217.8	218.8	229.9	248.0	270.4	305.1	351.1	396.9	463.9
87.5°	212.3	213.9	216.2	216.2	227.7	246.8	268.5	302.8	349.8	396.1	466.7
90°	213.7	213.7	214.6	213.7	225.6	245.8	266.9	300.8	348.5	395.3	469.6
92.5°	212.3	213.9	216.2	216.2	227.7	246.8	268.5	302.8	349.8	396.1	466.7
95°	211.0	214.2	217.8	218.8	229.9	248.0	270.4	305.1	351.1	396.9	463.9
97.5°	209.8	214.7	219.5	221.5	232.3	249.4	272.4	307.4	352.6	397.8	461.0
100°	208.9	215.4	221.3	224.4	234.8	251.0	274.7	310.0	354.1	398.6	458.2
102.5°	208.4	216.3	223.2	227.3	237.4	252.8	277.2	312.7	355.7	399.4	455.3
105°	208.3	217.6	225.3	230.2	239.9	254.8	279.9	315.5	357.4	400.2	452.5
107.5°	208.8	219.3	227.5	233.2	242.5	257.1	282.9	318.4	359.1	401.1	447.3
110°	209.8	221.5	230.0	236.2	245.1	259.6	286.0	321.5	360.9	401.9	444.0





TEST NUMBER: P232058

CATALOG NUMBER: FVS4WM-3-LD4-40-2STD-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
112.5°	206.7	219.9	229.4	237.1	246.4	261.7	288.9	324.3	362.7	402.7	440.7
115°	201.0	214.2	223.7	232.5	242.7	258.7	284.7	317.6	353.1	390.5	426.4
117.5°	195.6	208.8	218.5	228.2	239.2	255.7	280.4	310.9	343.5	378.2	412.1
120°	190.5	203.4	214.3	224.3	235.9	252.7	276.0	304.1	333.8	366.0	397.9
122.5°	185.8	198.4	209.7	220.8	233.0	249.6	271.6	297.1	324.1	353.8	383.6
125°	181.5	194.2	206.1	217.8	230.3	246.4	267.0	290.0	314.4	341.5	369.3
127.5°	177.6	190.7	203.0	215.2	228.0	243.0	262.2	282.8	304.6	329.3	355.1
130°	174.3	188.0	200.5	213.1	226.0	239.5	257.2	275.4	294.8	317.1	340.9
132.5°	172.1	185.9	198.4	211.3	223.7	236.0	252.0	267.7	284.9	304.8	326.7
135°	164.4	178.0	191.3	205.2	217.7	230.4	245.3	259.3	274.8	292.6	312.4
137.5°	155.6	167.2	179.2	192.0	202.4	214.1	227.5	239.3	253.2	268.9	287.4
140°	145.6	155.9	166.7	177.3	186.7	197.4	208.5	219.0	231.4	245.1	262.3
142.5°	134.9	144.1	153.7	162.5	171.0	180.3	189.6	198.6	209.6	221.4	237.3
145°	123.4	131.7	140.0	147.2	154.6	162.7	170.5	178.0	187.6	197.6	212.3
147.5°	111.5	118.7	125.3	131.5	138.0	144.6	151.0	157.2	165.5	173.9	187.3
150°	98.8	104.8	110.2	115.4	120.8	126.1	131.2	136.1	143.3	150.1	162.3
152.5°	85.2	89.9	94.4	98.7	102.9	107.0	111.1	115.2	121.0	126.4	137.3
155°	70.5	74.3	77.9	81.2	84.4	87.5	90.5	94.0	98.5	102.6	112.4
157.5°	61.5	63.4	64.8	66.2	67.6	69.1	70.6	73.0	76.0	78.9	87.6
160°	55.5	56.8	58.1	59.4	60.7	62.0	63.3	65.6	68.0	70.3	78.2
162.5°	49.1	50.2	51.3	52.5	53.7	54.8	56.1	58.1	60.0	61.8	68.7
165°	42.6	43.5	44.6	45.6	46.6	47.6	49.0	50.5	51.9	53.2	59.2
167.5°	36.0	37.0	37.9	38.7	39.5	40.5	41.6	42.7	43.7	44.6	49.7
170°	29.6	30.3	31.0	31.7	32.5	33.3	34.1	34.8	35.5	36.1	40.2
172.5°	23.1	23.6	24.2	24.8	25.3	25.9	26.3	26.8	27.2	27.5	30.6
175°	16.5	16.8	17.2	17.5	17.8	18.1	18.4	18.6	18.8	18.9	21.0
177.5°	9.4	9.6	9.7	9.9	10.0	10.1	10.2	10.3	10.3	10.4	11.4
180°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0



TEST NUMBER: P232058

CATALOG NUMBER: FVS4WM-3-LD4-40-2STD-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
0°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
2.5°	12.5	13.5	14.5	15.5	16.4	17.4	18.3	19.1	20.0	20.8	21.5
5°	23.1	25.1	27.1	29.1	31.0	32.8	34.6	36.3	38.0	39.5	41.1
7.5°	33.7	36.7	39.7	42.6	45.4	48.1	50.9	54.1	57.3	60.3	63.3
10°	44.2	48.2	52.1	55.9	59.8	64.4	68.9	73.2	77.4	81.5	85.6
12.5°	54.7	59.7	64.5	69.6	75.5	81.2	86.8	92.2	97.2	102.0	106.5
15°	65.2	71.0	76.9	84.1	91.0	97.9	104.5	110.8	116.8	122.6	128.8
17.5°	75.6	82.3	90.1	98.4	106.5	114.4	122.1	129.5	136.7	143.0	148.8
20°	85.9	93.6	103.2	112.6	121.8	131.1	140.0	148.6	156.1	163.2	170.0
22.5°	96.1	105.5	116.2	126.7	137.4	147.9	158.2	167.1	175.7	183.5	189.4
25°	121.7	132.0	142.7	153.0	163.2	173.1	181.7	189.7	196.7	201.7	208.3
27.5°	147.8	159.4	170.9	181.9	192.5	202.1	210.7	218.5	224.0	229.1	230.0
30°	173.9	186.7	199.1	210.1	221.7	230.0	238.6	244.9	250.5	252.3	252.5
32.5°	200.3	213.7	226.4	237.7	248.0	256.8	264.4	270.5	274.0	274.7	275.1
35°	226.5	240.6	253.3	264.6	274.1	283.3	289.3	294.9	296.2	297.1	297.7
37.5°	252.6	267.3	279.7	290.9	299.5	307.2	313.6	317.0	318.8	319.6	320.7
40°	278.6	293.9	305.7	315.9	324.0	331.0	336.9	339.0	340.7	342.0	344.7
42.5°	304.5	320.1	331.1	340.3	347.8	354.3	358.7	361.1	363.0	365.1	367.8
45°	330.2	345.5	356.1	364.0	370.8	377.1	380.5	383.1	385.1	387.6	391.3
47.5°	347.2	365.5	380.1	390.4	399.5	406.3	408.4	407.4	407.2	409.7	414.3
50°	364.1	385.7	404.7	419.3	434.1	446.0	453.5	457.7	458.6	455.7	450.6
52.5°	381.2	406.7	430.2	449.5	471.2	488.5	501.9	511.7	518.2	516.9	513.4
55°	398.6	428.4	456.6	481.7	510.4	533.7	553.1	569.2	580.3	578.5	573.6
57.5°	416.2	450.8	484.0	515.7	551.4	581.1	607.1	629.9	641.5	639.4	631.7
60°	433.9	473.7	512.1	551.1	593.8	630.7	663.5	693.5	703.1	698.0	688.2
62.5°	451.7	497.1	540.9	587.8	637.6	681.8	722.1	759.7	765.1	754.8	741.2
65°	469.7	520.8	570.3	625.5	682.8	734.6	782.6	823.1	827.2	810.0	791.0
67.5°	487.7	544.9	600.1	664.1	729.0	788.5	844.8	884.3	884.4	863.2	837.9
70°	492.0	550.4	606.7	675.2	745.2	813.3	881.1	926.2	931.5	912.1	884.9
72.5°	495.7	554.0	609.6	678.8	748.8	819.6	891.3	937.6	950.2	937.2	915.9
75°	499.2	557.2	611.8	681.4	751.6	825.4	900.9	951.1	973.0	963.8	946.0
77.5°	502.4	559.9	613.5	683.3	753.5	830.7	909.9	966.2	998.9	991.7	976.8
80°	506.9	562.2	614.6	684.2	754.6	835.2	918.1	982.4	1027.2	1020.7	1008.2
82.5°	509.0	565.6	617.0	684.4	754.8	838.9	925.4	999.0	1057.0	1050.6	1040.2
85°	511.2	566.3	616.2	685.2	755.8	844.0	934.5	1018.5	1087.4	1081.3	1072.6
87.5°	513.3	567.1	615.3	682.9	753.0	843.9	937.3	1032.0	1118.4	1112.3	1105.2
90°	515.5	567.8	614.5	680.6	750.3	843.8	940.1	1045.6	1146.5	1143.8	1138.3
92.5°	513.3	567.1	615.3	682.9	753.0	843.9	937.3	1032.0	1118.4	1112.3	1105.2
95°	511.2	566.3	616.2	685.2	755.8	844.0	934.5	1018.5	1087.4	1081.3	1072.6
97.5°	509.0	565.6	617.0	684.4	754.8	838.9	925.4	999.0	1057.0	1050.6	1040.2
100°	506.9	562.2	614.6	684.2	754.6	835.2	918.1	982.4	1027.2	1020.7	1008.2
102.5°	502.4	559.9	613.5	683.3	753.5	830.7	909.9	966.2	998.9	991.7	976.8
105°	499.2	557.2	611.8	681.4	751.6	825.4	900.9	951.1	973.0	963.8	946.0
107.5°	495.7	554.0	609.6	678.8	748.8	819.6	891.3	937.6	950.2	937.2	915.9
110°	492.0	550.4	606.7	675.2	745.2	813.3	881.1	926.2	931.5	912.1	884.9



TEST NUMBER: P232058

CATALOG NUMBER: FVS4WM-3-LD4-40-2STD-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
112.5°	487.7	544.9	600.1	664.1	729.0	788.5	844.8	884.3	884.4	863.2	837.9
115°	469.7	520.8	570.3	625.5	682.8	734.6	782.6	823.1	827.2	810.0	791.0
117.5°	451.7	497.1	540.9	587.8	637.6	681.8	722.1	759.7	765.1	754.8	741.2
120°	433.9	473.7	512.1	551.1	593.8	630.7	663.5	693.5	703.1	698.0	688.2
122.5°	416.2	450.8	484.0	515.7	551.4	581.1	607.1	629.9	641.5	639.4	631.7
125°	398.6	428.4	456.6	481.7	510.4	533.7	553.1	569.2	580.3	578.5	573.6
127.5°	381.2	406.7	430.2	449.5	471.2	488.5	501.9	511.7	518.2	516.9	513.4
130°	364.1	385.7	404.7	419.3	434.1	446.0	453.5	457.7	458.6	455.7	450.6
132.5°	347.2	365.5	380.1	390.4	399.5	406.3	408.4	407.4	407.2	409.7	414.3
135°	330.2	345.5	356.1	364.0	370.8	377.1	380.5	383.1	385.1	387.6	391.3
137.5°	304.5	320.1	331.1	340.3	347.8	354.3	358.7	361.1	363.0	365.1	367.8
140°	278.6	293.9	305.7	315.9	324.0	331.0	336.9	339.0	340.7	342.0	344.7
142.5°	252.6	267.3	279.7	290.9	299.5	307.2	313.6	317.0	318.8	319.6	320.7
145°	226.5	240.6	253.3	264.6	274.1	283.3	289.3	294.9	296.2	297.1	297.7
147.5°	200.3	213.7	226.4	237.7	248.0	256.8	264.4	270.5	274.0	274.7	275.1
150°	173.9	186.7	199.1	210.1	221.7	230.0	238.6	244.9	250.5	252.3	252.5
152.5°	147.8	159.4	170.9	181.9	192.5	202.1	210.7	218.5	224.0	229.1	230.0
155°	121.7	132.0	142.7	153.0	163.2	173.1	181.7	189.7	196.7	201.7	208.3
157.5°	96.1	105.5	116.2	126.7	137.4	147.9	158.2	167.1	175.7	183.5	189.4
160°	85.9	93.6	103.2	112.6	121.8	131.1	140.0	148.6	156.1	163.2	170.0
162.5°	75.6	82.3	90.1	98.4	106.5	114.4	122.1	129.5	136.7	143.0	148.8
165°	65.2	71.0	76.9	84.1	91.0	97.9	104.5	110.8	116.8	122.6	128.8
167.5°	54.7	59.7	64.5	69.6	75.5	81.2	86.8	92.2	97.2	102.0	106.5
170°	44.2	48.2	52.1	55.9	59.8	64.4	68.9	73.2	77.4	81.5	85.6
172.5°	33.7	36.7	39.7	42.6	45.4	48.1	50.9	54.1	57.3	60.3	63.3
175°	23.1	25.1	27.1	29.1	31.0	32.8	34.6	36.3	38.0	39.5	41.1
177.5°	12.5	13.5	14.5	15.5	16.4	17.4	18.3	19.1	20.0	20.8	21.5
180°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0



TEST NUMBER: P232058

CATALOG NUMBER: FVS4WM-3-LD4-40-2STD-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
0°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
2.5°	22.3	22.9	23.6	24.2	24.8	25.3	25.8	26.2	26.6	26.9	27.2
5°	42.9	44.7	46.4	48.0	49.5	50.9	52.2	53.4	54.5	55.4	56.3
7.5°	66.1	68.7	71.3	73.7	75.8	77.6	79.3	80.8	82.1	83.3	84.3
10°	88.7	91.9	95.0	97.8	100.4	102.8	105.0	106.8	108.2	109.4	110.4
12.5°	110.8	114.9	118.6	121.6	124.4	126.9	129.2	131.2	133.0	134.4	135.6
15°	132.7	137.0	141.0	144.7	148.1	150.8	153.3	155.5	157.5	159.3	161.0
17.5°	154.3	160.1	163.4	167.2	170.7	173.9	176.9	180.0	183.0	186.1	189.0
20°	175.3	180.1	184.7	188.7	192.0	195.4	198.9	202.6	206.5	210.5	214.5
22.5°	195.1	199.9	203.0	206.3	209.9	213.7	217.9	222.3	227.4	233.7	239.9
25°	211.8	214.4	217.7	220.7	224.6	228.8	235.4	242.5	249.7	257.5	266.1
27.5°	229.7	229.1	228.6	232.0	238.3	245.6	254.1	262.7	272.6	282.4	293.2
30°	252.4	252.0	251.8	254.1	256.1	261.7	272.2	282.9	295.6	308.4	322.0
32.5°	275.2	276.0	278.6	281.5	286.2	290.6	296.6	304.2	319.1	336.6	354.0
35°	298.9	301.8	305.4	310.5	316.2	323.7	330.6	341.4	351.3	370.3	397.1
37.5°	323.7	327.4	332.9	339.7	348.1	358.3	371.0	385.5	406.4	428.3	451.6
40°	347.9	353.6	360.7	370.0	382.4	397.1	418.0	441.9	469.0	498.3	527.3
42.5°	372.9	379.5	389.5	403.0	419.5	444.5	471.4	504.4	539.9	572.6	606.5
45°	396.8	406.9	420.0	438.4	465.1	494.9	531.5	568.5	608.8	649.7	694.2
47.5°	422.4	433.4	453.6	479.9	512.4	550.9	591.4	635.8	682.9	731.9	782.6
50°	449.8	465.2	489.0	524.0	563.2	605.5	653.8	704.9	760.8	813.9	870.2
52.5°	511.7	519.2	539.8	569.1	614.2	663.0	716.6	775.6	832.5	893.6	958.1
55°	572.9	580.9	603.4	632.2	672.5	720.4	777.8	839.7	903.4	970.0	1045.3
57.5°	629.4	639.7	660.5	690.7	734.2	785.8	842.0	902.5	969.1	1044.7	1128.2
60°	683.0	692.5	713.2	747.3	792.5	845.2	903.2	965.7	1035.2	1112.5	1209.4
62.5°	735.5	742.5	761.2	797.6	845.9	899.4	958.1	1023.3	1100.1	1188.3	1286.8
65°	783.4	788.4	809.0	845.8	894.0	946.5	1006.8	1079.9	1163.3	1257.2	1363.7
67.5°	827.0	829.6	851.6	890.2	936.8	989.3	1052.1	1130.0	1218.5	1319.8	1447.7
70°	868.8	867.7	889.6	930.0	973.7	1026.6	1095.5	1176.6	1267.6	1375.3	1522.1
72.5°	903.6	904.6	926.1	965.0	1005.7	1060.7	1133.0	1214.6	1307.8	1428.9	1575.5
75°	935.1	936.0	955.2	987.3	1026.9	1084.3	1162.1	1245.2	1337.5	1467.0	1626.7
77.5°	965.8	964.5	980.0	1004.7	1041.3	1099.8	1178.2	1267.6	1371.7	1505.4	1669.1
80°	996.0	990.6	1001.1	1018.0	1051.4	1109.9	1191.0	1286.5	1399.4	1543.2	1711.0
82.5°	1025.9	1014.9	1019.5	1027.9	1058.0	1115.1	1200.1	1301.5	1419.1	1568.8	1746.4
85°	1055.8	1038.2	1035.8	1035.5	1061.6	1116.0	1205.4	1312.1	1431.0	1582.8	1773.1
87.5°	1085.6	1060.7	1050.8	1041.5	1063.5	1114.5	1208.8	1320.7	1438.7	1590.4	1796.0
90°	1116.3	1084.2	1065.8	1047.5	1063.1	1108.0	1203.4	1318.0	1432.7	1578.5	1792.2
92.5°	1085.6	1060.7	1050.8	1041.5	1063.5	1114.5	1208.8	1320.7	1438.7	1590.4	1796.0
95°	1055.8	1038.2	1035.8	1035.5	1061.6	1116.0	1205.4	1312.1	1431.0	1582.8	1773.1
97.5°	1025.9	1014.9	1019.5	1027.9	1058.0	1115.1	1200.1	1301.5	1419.1	1568.8	1746.4
100°	996.0	990.6	1001.1	1018.0	1051.4	1109.9	1191.0	1286.5	1399.4	1543.2	1711.0
102.5°	965.8	964.5	980.0	1004.7	1041.3	1099.8	1178.2	1267.6	1371.7	1505.4	1669.1
105°	935.1	936.0	955.2	987.3	1026.9	1084.3	1162.1	1245.2	1337.5	1467.0	1626.7
107.5°	903.6	904.6	926.1	965.0	1005.7	1060.7	1133.0	1214.6	1307.8	1428.9	1575.5
110°	868.8	867.7	889.6	930.0	973.7	1026.6	1095.5	1176.6	1267.6	1375.3	1522.1



TEST NUMBER: P232058

CATALOG NUMBER: FVS4WM-3-LD4-40-2STD-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
112.5°	827.0	829.6	851.6	890.2	936.8	989.3	1052.1	1130.0	1218.5	1319.8	1447.7
115°	783.4	788.4	809.0	845.8	894.0	946.5	1006.8	1079.9	1163.3	1257.2	1363.7
117.5°	735.5	742.5	761.2	797.6	845.9	899.4	958.1	1023.3	1100.1	1188.3	1286.8
120°	683.0	692.5	713.2	747.3	792.5	845.2	903.2	965.7	1035.2	1112.5	1209.4
122.5°	629.4	639.7	660.5	690.7	734.2	785.8	842.0	902.5	969.1	1044.7	1128.2
125°	572.9	580.9	603.4	632.2	672.5	720.4	777.8	839.7	903.4	970.0	1045.3
127.5°	511.7	519.2	539.8	569.1	614.2	663.0	716.6	775.6	832.5	893.6	958.1
130°	449.8	465.2	489.0	524.0	563.2	605.5	653.8	704.9	760.8	813.9	870.2
132.5°	422.4	433.4	453.6	479.9	512.4	550.9	591.4	635.8	682.9	731.9	782.6
135°	396.8	406.9	420.0	438.4	465.1	494.9	531.5	568.5	608.8	649.7	694.2
137.5°	372.9	379.5	389.5	403.0	419.5	444.5	471.4	504.4	539.9	572.6	606.5
140°	347.9	353.6	360.7	370.0	382.4	397.1	418.0	441.9	469.0	498.3	527.3
142.5°	323.7	327.4	332.9	339.7	348.1	358.3	371.0	385.5	406.4	428.3	451.6
145°	298.9	301.8	305.4	310.5	316.2	323.7	330.6	341.4	351.3	370.3	397.1
147.5°	275.2	276.0	278.6	281.5	286.2	290.6	296.6	304.2	319.1	336.6	354.0
150°	252.4	252.0	251.8	254.1	256.1	261.7	272.2	282.9	295.6	308.4	322.0
152.5°	229.7	229.1	228.6	232.0	238.3	245.6	254.1	262.7	272.6	282.4	293.2
155°	211.8	214.4	217.7	220.7	224.6	228.8	235.4	242.5	249.7	257.5	266.1
157.5°	195.1	199.9	203.0	206.3	209.9	213.7	217.9	222.3	227.4	233.7	239.9
160°	175.3	180.1	184.7	188.7	192.0	195.4	198.9	202.6	206.5	210.5	214.5
162.5°	154.3	160.1	163.4	167.2	170.7	173.9	176.9	180.0	183.0	186.1	189.0
165°	132.7	137.0	141.0	144.7	148.1	150.8	153.3	155.5	157.5	159.3	161.0
167.5°	110.8	114.9	118.6	121.6	124.4	126.9	129.2	131.2	133.0	134.4	135.6
170°	88.7	91.9	95.0	97.8	100.4	102.8	105.0	106.8	108.2	109.4	110.4
172.5°	66.1	68.7	71.3	73.7	75.8	77.6	79.3	80.8	82.1	83.3	84.3
175°	42.9	44.7	46.4	48.0	49.5	50.9	52.2	53.4	54.5	55.4	56.3
177.5°	22.3	22.9	23.6	24.2	24.8	25.3	25.8	26.2	26.6	26.9	27.2
180°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0



TEST NUMBER: P232058

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**CANDELA DISTRIBUTION (continued):**

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
0°	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
2.5°	27.5	27.7	27.8	27.9	28.0	28.0	28.8	28.4	28.1	27.7	27.3
5°	57.1	57.7	58.2	58.6	58.9	59.1	59.1	59.0	59.8	59.1	58.3
7.5°	85.1	85.8	86.3	86.7	86.9	86.9	86.7	86.4	86.0	86.0	84.8
10°	111.2	111.8	112.1	112.3	112.2	111.9	111.5	110.8	109.9	109.7	108.0
12.5°	136.5	137.3	137.7	138.0	138.0	137.8	137.3	136.6	135.6	134.4	133.4
15°	163.1	165.0	166.8	168.4	169.8	170.9	171.8	172.3	172.6	172.5	172.9
17.5°	192.0	194.9	197.8	200.4	202.9	205.2	207.1	208.8	210.1	211.0	212.6
20°	218.5	222.9	227.5	232.0	236.1	240.0	243.4	246.5	249.1	251.2	254.1
22.5°	246.0	252.1	258.5	265.0	271.1	276.8	282.0	286.8	290.9	294.5	299.0
25°	274.7	283.0	291.2	300.0	308.4	316.3	323.6	330.4	336.4	341.7	346.1
27.5°	304.4	315.4	326.2	337.6	349.2	360.2	370.4	379.7	388.1	395.5	401.9
30°	336.4	351.4	366.1	380.3	396.3	410.9	424.0	435.6	445.6	454.1	461.1
32.5°	373.0	394.9	415.4	434.3	453.4	471.5	487.4	501.0	512.3	521.5	528.5
35°	422.4	450.0	476.6	500.6	522.2	541.9	558.8	572.7	583.9	592.4	598.5
37.5°	485.4	516.8	546.9	573.6	596.9	620.3	640.6	656.9	669.4	678.3	683.7
40°	556.7	590.5	626.7	660.3	689.3	715.3	738.2	756.7	770.8	780.5	786.1
42.5°	644.3	681.9	721.4	759.8	793.3	822.9	853.0	878.0	897.6	911.9	920.7
45°	738.0	782.7	825.2	871.8	914.8	958.0	988.9	1018.8	1041.7	1057.7	1066.7
47.5°	832.9	886.8	941.5	998.4	1052.0	1098.1	1143.5	1186.6	1221.8	1248.8	1266.9
50°	931.0	993.9	1063.2	1132.1	1209.9	1272.9	1329.4	1381.0	1426.6	1464.8	1494.4
52.5°	1029.4	1104.5	1190.8	1280.2	1368.1	1446.5	1513.0	1577.0	1634.8	1684.9	1725.5
55°	1126.1	1220.9	1318.1	1416.2	1514.3	1611.0	1693.4	1761.4	1822.8	1878.4	1926.4
57.5°	1225.6	1329.4	1435.7	1552.4	1669.9	1754.8	1837.7	1911.4	1977.9	2038.7	2092.3
60°	1316.6	1431.4	1563.4	1681.5	1784.3	1875.1	1957.4	2035.7	2106.0	2169.2	2224.2
62.5°	1401.8	1546.6	1674.0	1788.8	1884.0	1975.8	2060.6	2143.5	2212.9	2278.5	2338.2
65°	1505.5	1642.1	1765.7	1868.3	1965.5	2059.2	2147.0	2227.3	2303.9	2373.8	2433.0
67.5°	1591.3	1726.4	1831.8	1931.9	2031.9	2131.5	2223.6	2311.1	2390.4	2454.4	2508.6
70°	1663.5	1791.1	1897.2	1989.6	2093.9	2194.5	2291.5	2381.3	2461.0	2532.2	2587.3
72.5°	1724.1	1853.0	1954.5	2054.1	2149.4	2247.3	2353.5	2447.3	2539.0	2608.1	2654.6
75°	1778.3	1899.8	2003.0	2102.1	2198.8	2305.4	2405.5	2500.1	2583.0	2663.7	2720.4
77.5°	1825.2	1940.8	2038.4	2136.3	2241.0	2348.9	2448.0	2531.7	2628.6	2714.2	2773.2
80°	1859.1	1967.4	2060.6	2160.5	2268.1	2385.5	2478.2	2572.4	2668.4	2753.6	2800.6
82.5°	1887.6	1990.3	2083.0	2181.4	2288.5	2398.8	2499.9	2599.0	2702.9	2781.8	2823.8
85°	1907.8	2004.6	2095.4	2197.7	2307.1	2413.5	2511.1	2610.9	2713.6	2796.9	2848.8
87.5°	1923.7	2010.7	2097.8	2203.6	2310.4	2416.0	2515.4	2620.7	2722.8	2805.4	2846.2
90°	1920.7	2008.7	2091.3	2198.6	2299.5	2404.0	2504.9	2610.4	2715.9	2792.9	2838.8
92.5°	1923.7	2010.7	2097.8	2203.6	2310.4	2416.0	2515.4	2620.7	2722.8	2805.4	2846.2
95°	1907.8	2004.6	2095.4	2197.7	2307.1	2413.5	2511.1	2610.9	2713.6	2796.9	2848.8
97.5°	1887.6	1990.3	2083.0	2181.4	2288.5	2398.8	2499.9	2599.0	2702.9	2781.8	2823.8
100°	1859.1	1967.4	2060.6	2160.5	2268.1	2385.5	2478.2	2572.4	2668.4	2753.6	2800.6
102.5°	1825.2	1940.8	2038.4	2136.3	2241.0	2348.9	2448.0	2531.7	2628.6	2714.2	2773.2
105°	1778.3	1899.8	2003.0	2102.1	2198.8	2305.4	2405.5	2500.1	2583.0	2663.7	2720.4
107.5°	1724.1	1853.0	1954.5	2054.1	2149.4	2247.3	2353.5	2447.3	2539.0	2608.1	2654.6
110°	1663.5	1791.1	1897.2	1989.6	2093.9	2194.5	2291.5	2381.3	2461.0	2532.2	2587.3



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**CANDELA DISTRIBUTION (continued):**

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
112.5°	1591.3	1726.4	1831.8	1931.9	2031.9	2131.5	2223.6	2311.1	2390.4	2454.4	2508.6
115°	1505.5	1642.1	1765.7	1868.3	1965.5	2059.2	2147.0	2227.3	2303.9	2373.8	2433.0
117.5°	1401.8	1546.6	1674.0	1788.8	1884.0	1975.8	2060.6	2143.5	2212.9	2278.5	2338.2
120°	1316.6	1431.4	1563.4	1681.5	1784.3	1875.1	1957.4	2035.7	2106.0	2169.2	2224.2
122.5°	1225.6	1329.4	1435.7	1552.4	1669.9	1754.8	1837.7	1911.4	1977.9	2038.7	2092.3
125°	1126.1	1220.9	1318.1	1416.2	1514.3	1611.0	1693.4	1761.4	1822.8	1878.4	1926.4
127.5°	1029.4	1104.5	1190.8	1280.2	1368.1	1446.5	1513.0	1577.0	1634.8	1684.9	1725.5
130°	931.0	993.9	1063.2	1132.1	1209.9	1272.9	1329.4	1381.0	1426.6	1464.8	1494.4
132.5°	832.9	886.8	941.5	998.3	1052.0	1098.1	1143.5	1186.6	1221.8	1248.8	1266.9
135°	738.0	782.7	825.2	871.8	914.8	958.0	988.9	1018.8	1041.7	1057.7	1066.7
137.5°	644.3	681.9	721.4	759.8	793.3	822.9	853.0	878.0	897.6	911.9	920.7
140°	556.7	590.5	626.7	660.3	689.3	715.3	738.2	756.7	770.8	780.5	786.1
142.5°	485.4	516.8	546.9	573.6	596.9	620.3	640.6	656.9	669.4	678.3	683.7
145°	422.4	450.0	476.6	500.6	522.2	541.9	558.8	572.7	583.9	592.4	598.5
147.5°	373.0	394.9	415.4	434.3	453.4	471.5	487.4	501.0	512.3	521.5	528.5
150°	336.4	351.4	366.1	380.3	396.3	410.9	424.0	435.6	445.6	454.1	461.1
152.5°	304.4	315.4	326.2	337.6	349.2	360.2	370.4	379.7	388.1	395.5	401.9
155°	274.7	283.0	291.2	300.0	308.4	316.3	323.6	330.4	336.4	341.7	346.1
157.5°	246.0	252.1	258.5	265.0	271.1	276.8	282.0	286.8	290.9	294.5	299.0
160°	218.5	222.9	227.5	232.0	236.1	240.0	243.4	246.5	249.1	251.2	254.1
162.5°	192.0	194.9	197.8	200.4	202.9	205.2	207.1	208.8	210.1	211.0	212.6
165°	163.1	165.0	166.8	168.4	169.8	170.9	171.8	172.3	172.6	172.5	172.9
167.5°	136.5	137.3	137.7	138.0	138.0	137.8	137.3	136.6	135.6	134.4	133.4
170°	111.2	111.8	112.1	112.3	112.2	111.9	111.5	110.8	109.9	109.7	108.0
172.5°	85.1	85.8	86.3	86.7	86.9	86.9	86.7	86.4	86.0	86.0	84.8
175°	57.1	57.7	58.2	58.6	58.9	59.1	59.1	59.0	59.8	59.1	58.3
177.5°	27.5	27.7	27.8	27.9	28.0	28.0	28.8	28.4	28.1	27.7	27.3
180°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0



TEST NUMBER: P232058

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**CANDELA DISTRIBUTION (continued):**

	357.5°	360°
0°	1.8	1.8
2.5°	27.0	26.6
5°	57.6	56.9
7.5°	83.7	82.5
10°	106.3	104.6
12.5°	131.4	129.3
15°	171.3	169.7
17.5°	211.8	211.0
20°	254.1	254.1
22.5°	299.9	300.8
25°	350.2	352.2
27.5°	407.7	410.9
30°	467.3	470.5
32.5°	534.5	536.6
35°	603.1	603.5
37.5°	687.4	685.2
40°	789.4	785.1
42.5°	926.7	921.8
45°	1072.2	1064.9
47.5°	1280.7	1274.9
50°	1520.0	1521.7
52.5°	1762.0	1772.1
55°	1971.2	1991.3
57.5°	2143.0	2171.1
60°	2275.4	2306.8
62.5°	2390.3	2433.4
65°	2481.9	2521.4
67.5°	2553.6	2590.2
70°	2628.8	2659.0
72.5°	2689.4	2714.0
75°	2748.0	2761.7
77.5°	2793.5	2803.9
80°	2822.7	2834.2
82.5°	2843.4	2859.9
85°	2856.0	2875.5
87.5°	2869.8	2885.6
90°	2854.4	2878.2
92.5°	2869.8	2885.6
95°	2856.0	2875.5
97.5°	2843.4	2859.9
100°	2822.7	2834.2
102.5°	2793.5	2803.9
105°	2748.0	2761.7
107.5°	2689.4	2714.0
110°	2628.8	2659.0





TEST NUMBER: P232058

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**CANDELA DISTRIBUTION (continued):**

	357.5°	360°
112.5°	2553.6	2590.2
115°	2481.9	2521.4
117.5°	2390.3	2433.4
120°	2275.4	2306.8
122.5°	2143.0	2171.1
125°	1971.2	1991.3
127.5°	1762.0	1772.1
130°	1520.0	1521.7
132.5°	1280.7	1274.9
135°	1072.2	1064.9
137.5°	926.7	921.8
140°	789.4	785.1
142.5°	687.4	685.2
145°	603.1	603.5
147.5°	534.5	536.6
150°	467.3	470.5
152.5°	407.7	410.9
155°	350.2	352.2
157.5°	299.9	300.8
160°	254.1	254.1
162.5°	211.8	211.0
165°	171.3	169.7
167.5°	131.4	129.3
170°	106.3	104.6
172.5°	83.7	82.5
175°	57.6	56.9
177.5°	27.0	26.6
180°	1.0	1.0

(END OF REPORT)