

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: P232057

Luminaire Tested: **FVS4WM-3-LD4-35-2STD-P125-UNV-EDC1**

Issue Date: 3/3/2020



**Test Information**

Test Method: LM-79-08  
Report Number: P232057  
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-LD4-35-2STD-P125-UNV-EDC1  
Description: FAILSAFE FVS LED FIXTURE  
3FT LENGTH, 2-MODULE LED WITH P125 LENS  
Light Source: (168) 3500K CCT, 80 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

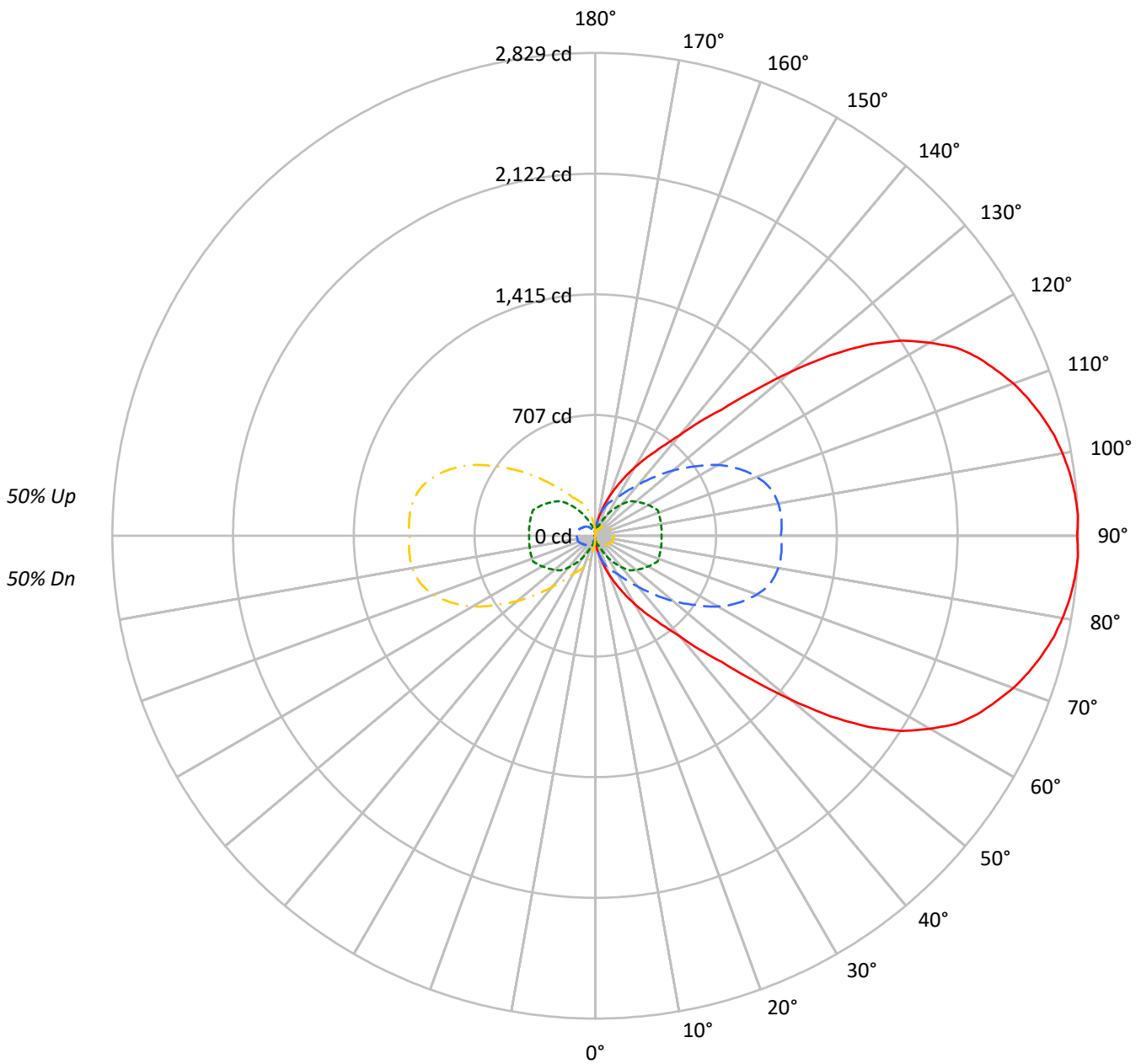
Lumens per Lamp: N/A  
Luminaire Lumens: 6668.1 lumens  
Efficiency: N/A  
Efficacy: 104.2 lumens/watt  
Spacing Criteria (0/90/45): 23.09 / 14.99 / 15.62  
Luminous Opening: Rectangular w/ Sides (W: 2.92' x L: 0.19' x H: 0.31')  
CIE Type: General Diffuse

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°	962	364	16	364
10°	1583	694	14	694
15°	2344	1032	13	1032
20°	3248	1389	12	1389
25°	4220	2081	11	2081
30°	5343	3151	21	3151
35°	6561	4329	20	4329
40°	8246	5665	19	5665
45°	10899	7213	19	7213
50°	15298	8442	18	8442
55°	19820	9967	18	9967
60°	22907	11913	27	11913
65°	25170	14497	27	14497
70°	26891	17517	28	17517
75°	28521	21317	28	21317
80°	30135	27554	0	27554
85°	31755	39509	0	39509



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	3.5	0.1
10°-20°	23.9	0.4
20°-30°	66.3	1.0
30°-40°	143.5	2.2
40°-50°	276.0	4.1
50°-60°	474.6	7.1
60°-70°	670.6	10.1
70°-80°	805.1	12.1
80°-90°	870.6	13.1
90°-100°	870.6	13.1
100°-110°	805.1	12.1
110°-120°	670.6	10.1
120°-130°	474.6	7.1
130°-140°	276.0	4.1
140°-150°	143.5	2.2
150°-160°	66.3	1.0
160°-170°	23.9	0.4
170°-180°	3.5	0.1
0°-30°	93.6	1.4
0°-40°	237.1	3.6
0°-60°	987.7	14.8
0°-90°	3334.1	50.0
90°-120°	2346.3	35.2
90°-150°	3240.4	48.6
90°-180°	3334.0	50.0
0°-180°	6668.1	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	2	2	2	2	2	
5°	56	19	1	19	56	7
15°	166	52	1	52	166	50
25°	345	101	1	101	345	165
35°	592	194	2	194	592	381
45°	1044	287	2	287	1044	846
55°	1952	335	2	335	1952	1733
65°	2472	383	3	383	2472	2442
75°	2708	392	3	392	2708	2860
85°	2819	389	0	389	2819	2295
90°	2822	388	0	388	2822	1549
95°	2819	389	0	389	2819	2295
105°	2708	392	3	392	2708	2860
115°	2472	383	3	383	2472	2442
125°	1952	335	2	335	1952	1733
135°	1044	287	2	287	1044	846
145°	592	194	2	194	592	381
155°	345	101	1	101	345	165
165°	166	52	1	52	166	50
175°	56	19	1	19	56	7
180°	1	1	1	1	1	



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**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°	26.1	26.5	26.8	27.2	27.5	27.9	28.2	27.4	27.4	27.4	27.3
5°	55.8	56.5	57.2	57.9	58.6	57.9	58.0	57.9	57.8	57.5	57.1
7.5°	80.9	82.0	83.2	84.3	84.3	84.8	85.1	85.2	85.2	85.0	84.7
10°	102.5	104.2	105.8	107.5	107.7	108.6	109.3	109.7	110.0	110.0	109.9
12.5°	126.8	128.8	130.8	131.8	133.0	133.9	134.6	135.1	135.3	135.3	135.0
15°	166.4	168.0	169.5	169.1	169.2	169.0	168.4	167.6	166.4	165.1	163.5
17.5°	206.8	207.6	208.4	206.9	206.0	204.7	203.0	201.1	198.9	196.5	193.9
20°	249.1	249.1	249.1	246.3	244.2	241.6	238.6	235.2	231.5	227.4	223.0
22.5°	295.0	294.1	293.2	288.8	285.3	281.2	276.5	271.4	265.8	259.8	253.5
25°	345.3	343.3	339.3	335.0	329.8	323.9	317.3	310.1	302.4	294.2	285.5
27.5°	402.9	399.7	394.0	387.8	380.6	372.3	363.1	353.1	342.4	331.0	319.8
30°	461.3	458.2	452.1	445.3	436.9	427.1	415.7	402.9	388.6	372.8	358.9
32.5°	526.1	524.0	518.2	511.2	502.3	491.2	477.9	462.3	444.5	425.8	407.3
35°	591.7	591.4	586.8	580.9	572.5	561.5	547.8	531.3	512.0	490.8	467.3
37.5°	671.8	673.9	670.4	665.0	656.3	644.0	628.0	608.2	585.3	562.4	536.2
40°	769.8	774.0	770.7	765.3	755.8	742.0	723.8	701.3	675.8	647.4	614.5
42.5°	903.8	908.6	902.7	894.1	880.1	860.8	836.4	806.8	777.8	745.0	707.3
45°	1044.1	1051.3	1045.9	1037.0	1021.4	998.9	969.6	939.2	897.0	854.8	809.1
47.5°	1250.0	1255.7	1242.2	1224.4	1198.0	1163.4	1121.2	1076.7	1031.5	978.8	923.1
50°	1491.9	1490.2	1465.1	1436.2	1398.7	1354.0	1303.5	1248.1	1186.3	1110.0	1042.4
52.5°	1737.4	1727.5	1691.7	1651.9	1602.8	1546.2	1483.4	1418.2	1341.4	1255.2	1167.5
55°	1952.4	1932.7	1888.8	1841.7	1787.2	1727.0	1660.3	1579.5	1484.7	1388.6	1292.4
57.5°	2128.6	2101.0	2051.4	1998.8	1939.2	1874.1	1801.8	1720.5	1637.3	1522.0	1407.7
60°	2261.7	2231.0	2180.7	2126.8	2064.9	1995.9	1919.2	1838.5	1749.5	1648.6	1532.8
62.5°	2385.8	2343.6	2292.5	2233.9	2169.6	2101.6	2020.3	1937.2	1847.2	1753.9	1641.3
65°	2472.1	2433.4	2385.4	2327.4	2258.9	2183.8	2105.1	2018.9	1927.1	1831.8	1731.2
67.5°	2539.6	2503.7	2459.6	2406.4	2343.7	2265.9	2180.2	2089.9	1992.2	1894.2	1796.1
70°	2607.0	2577.4	2536.8	2482.8	2412.9	2334.8	2246.7	2151.7	2053.1	1950.8	1860.1
72.5°	2661.0	2636.8	2602.7	2557.1	2489.5	2399.5	2307.5	2203.4	2107.5	2014.0	1916.3
75°	2707.8	2694.3	2667.2	2611.6	2532.5	2451.3	2358.5	2260.4	2155.8	2061.1	1963.9
77.5°	2749.1	2738.9	2719.0	2661.2	2577.3	2482.2	2400.1	2303.0	2197.2	2094.5	1998.5
80°	2778.8	2767.5	2745.8	2699.8	2616.3	2522.1	2429.7	2338.8	2223.8	2118.2	2020.3
82.5°	2804.0	2787.8	2768.6	2727.4	2650.1	2548.2	2451.0	2351.9	2243.8	2138.7	2042.3
85°	2819.3	2800.2	2793.1	2742.3	2660.6	2559.8	2462.0	2366.3	2262.0	2154.7	2054.4
87.5°	2829.2	2813.7	2790.6	2750.5	2669.6	2569.5	2466.3	2368.8	2265.2	2160.5	2056.8
90°	2822.0	2798.6	2783.3	2738.3	2662.8	2559.4	2456.0	2357.0	2254.5	2155.6	2050.4
92.5°	2829.2	2813.7	2790.6	2750.5	2669.6	2569.5	2466.3	2368.8	2265.2	2160.5	2056.8
95°	2819.3	2800.2	2793.1	2742.3	2660.6	2559.8	2462.0	2366.3	2262.0	2154.7	2054.4
97.5°	2804.0	2787.8	2768.6	2727.4	2650.1	2548.2	2451.0	2351.9	2243.8	2138.7	2042.3
100°	2778.8	2767.5	2745.8	2699.8	2616.3	2522.1	2429.7	2338.8	2223.8	2118.2	2020.3
102.5°	2749.1	2738.9	2719.0	2661.2	2577.3	2482.2	2400.1	2303.0	2197.2	2094.5	1998.5
105°	2707.8	2694.3	2667.2	2611.6	2532.5	2451.3	2358.5	2260.4	2155.8	2061.1	1963.9
107.5°	2661.0	2636.8	2602.7	2557.1	2489.5	2399.5	2307.5	2203.4	2107.5	2014.0	1916.3
110°	2607.0	2577.4	2536.8	2482.8	2412.9	2334.8	2246.7	2151.7	2053.1	1950.8	1860.1



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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°	2539.6	2503.7	2459.6	2406.4	2343.7	2265.9	2180.2	2089.9	1992.2	1894.2	1796.1
115°	2472.1	2433.4	2385.4	2327.4	2258.9	2183.8	2105.1	2018.9	1927.1	1831.8	1731.2
117.5°	2385.8	2343.6	2292.5	2233.9	2169.6	2101.6	2020.3	1937.2	1847.2	1753.9	1641.3
120°	2261.7	2231.0	2180.7	2126.8	2064.9	1995.9	1919.2	1838.5	1749.5	1648.6	1532.8
122.5°	2128.6	2101.0	2051.4	1998.8	1939.2	1874.1	1801.8	1720.5	1637.3	1522.0	1407.7
125°	1952.4	1932.7	1888.8	1841.7	1787.2	1727.0	1660.3	1579.5	1484.7	1388.6	1292.4
127.5°	1737.4	1727.5	1691.7	1651.9	1602.8	1546.2	1483.4	1418.2	1341.4	1255.2	1167.5
130°	1491.9	1490.2	1465.1	1436.2	1398.7	1354.0	1303.5	1248.1	1186.3	1110.0	1042.4
132.5°	1250.0	1255.7	1242.2	1224.4	1198.0	1163.4	1121.2	1076.7	1031.5	978.8	923.1
135°	1044.1	1051.3	1045.9	1037.0	1021.4	998.9	969.6	939.2	897.0	854.8	809.1
137.5°	903.8	908.6	902.7	894.1	880.1	860.8	836.4	806.8	777.8	745.0	707.3
140°	769.8	774.0	770.7	765.3	755.8	742.0	723.8	701.3	675.8	647.4	614.5
142.5°	671.8	673.9	670.4	665.0	656.3	644.0	628.0	608.2	585.3	562.4	536.2
145°	591.7	591.4	586.8	580.9	572.5	561.5	547.8	531.3	512.0	490.8	467.3
147.5°	526.1	524.0	518.2	511.3	502.3	491.2	477.9	462.3	444.5	425.8	407.3
150°	461.3	458.2	452.1	445.3	436.9	427.1	415.7	402.9	388.6	372.8	358.9
152.5°	402.9	399.7	394.0	387.8	380.6	372.3	363.1	353.1	342.4	331.0	319.8
155°	345.3	343.3	339.3	335.0	329.8	323.9	317.3	310.1	302.4	294.2	285.5
157.5°	295.0	294.1	293.2	288.8	285.3	281.2	276.5	271.4	265.8	259.8	253.5
160°	249.1	249.1	249.1	246.3	244.2	241.6	238.6	235.2	231.5	227.4	223.0
162.5°	206.8	207.6	208.4	206.9	206.0	204.7	203.0	201.1	198.9	196.5	193.9
165°	166.4	168.0	169.5	169.1	169.2	169.0	168.4	167.6	166.4	165.1	163.5
167.5°	126.8	128.8	130.8	131.8	133.0	133.9	134.6	135.1	135.3	135.3	135.0
170°	102.5	104.2	105.8	107.5	107.7	108.6	109.3	109.7	110.0	110.0	109.9
172.5°	80.9	82.0	83.2	84.3	84.3	84.8	85.1	85.2	85.2	85.0	84.7
175°	55.8	56.5	57.2	57.9	58.6	57.9	58.0	57.9	57.8	57.5	57.1
177.5°	26.1	26.5	26.8	27.2	27.5	27.9	28.2	27.4	27.4	27.4	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



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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°	27.1	27.0	26.7	26.4	26.1	25.7	25.3	24.8	24.3	23.7	23.2
5°	56.6	56.0	55.2	54.4	53.4	52.4	51.2	49.9	48.5	47.1	45.5
7.5°	84.2	83.5	82.7	81.7	80.5	79.2	77.7	76.1	74.4	72.2	69.9
10°	109.6	109.0	108.3	107.3	106.1	104.8	103.0	100.8	98.5	95.9	93.1
12.5°	134.6	133.8	132.9	131.7	130.3	128.6	126.7	124.5	122.0	119.3	116.3
15°	161.8	159.9	157.8	156.2	154.5	152.5	150.3	147.8	145.2	141.9	138.3
17.5°	191.1	188.2	185.3	182.4	179.5	176.5	173.5	170.5	167.3	163.9	160.2
20°	218.4	214.2	210.3	206.3	202.5	198.6	195.0	191.6	188.2	185.0	181.1
22.5°	247.1	241.2	235.2	229.1	222.9	217.9	213.6	209.5	205.7	202.2	199.0
25°	277.5	269.3	260.9	252.4	244.8	237.7	230.8	224.3	220.2	216.4	213.4
27.5°	309.3	298.5	287.5	276.9	267.2	257.6	249.1	240.8	233.6	227.4	224.1
30°	344.5	329.8	315.7	302.4	289.8	277.4	266.8	256.5	251.0	249.1	246.9
32.5°	387.2	365.6	347.1	330.0	312.8	298.3	290.8	284.9	280.6	275.9	273.2
35°	441.2	414.2	389.4	363.1	344.4	334.8	324.2	317.3	310.0	304.5	299.4
37.5°	506.7	475.9	442.8	419.9	398.5	377.9	363.7	351.3	341.3	333.0	326.4
40°	578.9	545.8	517.0	488.6	459.9	433.3	409.8	389.3	375.0	362.7	353.6
42.5°	668.6	631.7	594.7	561.4	529.4	494.5	462.2	435.8	411.3	395.1	381.9
45°	767.4	723.6	680.7	637.0	596.9	557.4	521.1	485.2	456.0	429.8	411.7
47.5°	869.5	816.6	767.3	717.6	669.5	623.4	579.9	540.2	502.4	470.5	444.7
50°	974.5	912.8	853.2	798.0	745.9	691.2	641.0	593.7	552.2	513.8	479.4
52.5°	1082.9	1009.2	939.4	876.2	816.3	760.4	702.7	650.1	602.2	558.1	529.3
55°	1197.0	1104.1	1024.8	951.0	885.7	823.3	762.6	706.4	659.3	619.9	591.7
57.5°	1303.4	1201.6	1106.1	1024.2	950.1	884.9	825.6	770.5	719.9	677.2	647.6
60°	1403.4	1290.9	1185.8	1090.7	1014.9	946.8	885.5	828.7	777.0	732.7	699.2
62.5°	1516.4	1374.4	1261.6	1165.0	1078.6	1003.3	939.4	881.8	829.4	782.1	746.3
65°	1610.0	1476.1	1337.1	1232.6	1140.5	1058.7	987.1	928.0	876.5	829.3	793.1
67.5°	1692.7	1560.2	1419.4	1294.0	1194.6	1107.9	1031.6	970.0	918.5	872.8	835.0
70°	1756.2	1631.0	1492.3	1348.5	1242.8	1153.6	1074.1	1006.6	954.7	911.8	872.3
72.5°	1816.8	1690.5	1544.7	1401.0	1282.2	1190.8	1110.8	1040.0	986.0	946.1	908.0
75°	1862.6	1743.5	1594.9	1438.4	1311.5	1220.8	1139.3	1063.1	1006.8	968.1	936.5
77.5°	1902.9	1789.5	1636.4	1476.0	1344.9	1242.8	1155.1	1078.3	1020.9	985.1	960.8
80°	1929.0	1822.8	1677.6	1513.0	1372.1	1261.3	1167.7	1088.2	1030.9	998.1	981.6
82.5°	1951.3	1850.7	1712.3	1538.2	1391.4	1276.1	1176.7	1093.2	1037.3	1007.8	999.6
85°	1965.4	1870.4	1738.4	1551.8	1403.0	1286.5	1181.9	1094.1	1040.9	1015.2	1015.6
87.5°	1971.3	1886.1	1760.9	1559.3	1410.6	1294.9	1185.2	1092.7	1042.7	1021.1	1030.3
90°	1969.4	1883.1	1757.2	1547.7	1404.7	1292.3	1179.9	1086.3	1042.3	1027.0	1045.0
92.5°	1971.3	1886.1	1760.9	1559.3	1410.6	1294.9	1185.2	1092.7	1042.7	1021.1	1030.3
95°	1965.4	1870.4	1738.4	1551.8	1403.0	1286.5	1181.9	1094.1	1040.9	1015.2	1015.6
97.5°	1951.3	1850.7	1712.3	1538.2	1391.4	1276.1	1176.7	1093.2	1037.3	1007.8	999.6
100°	1929.0	1822.8	1677.6	1513.0	1372.1	1261.3	1167.7	1088.2	1030.9	998.1	981.6
102.5°	1902.9	1789.5	1636.4	1476.0	1344.9	1242.8	1155.1	1078.3	1020.9	985.1	960.8
105°	1862.6	1743.5	1594.9	1438.4	1311.5	1220.8	1139.3	1063.1	1006.8	968.1	936.5
107.5°	1816.8	1690.5	1544.7	1401.0	1282.2	1190.8	1110.8	1040.0	986.0	946.1	908.0
110°	1756.2	1631.0	1492.3	1348.5	1242.8	1153.6	1074.1	1006.6	954.7	911.8	872.3





TEST NUMBER: P232057

CATALOG NUMBER: FVS4WM-3-LD4-35-2STD-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°	1692.7	1560.2	1419.4	1294.0	1194.6	1107.9	1031.6	970.0	918.5	872.8	835.0
115°	1610.0	1476.1	1337.1	1232.6	1140.5	1058.7	987.1	928.0	876.5	829.3	793.1
117.5°	1516.4	1374.4	1261.6	1165.0	1078.6	1003.3	939.4	881.8	829.4	782.1	746.3
120°	1403.4	1290.9	1185.8	1090.7	1014.9	946.8	885.5	828.7	777.0	732.7	699.2
122.5°	1303.4	1201.6	1106.1	1024.2	950.1	884.9	825.6	770.5	719.9	677.2	647.6
125°	1197.0	1104.1	1024.8	951.0	885.7	823.3	762.6	706.4	659.3	619.9	591.7
127.5°	1082.9	1009.2	939.4	876.2	816.3	760.4	702.7	650.1	602.2	558.1	529.3
130°	974.5	912.8	853.2	798.0	745.9	691.2	641.0	593.7	552.2	513.8	479.4
132.5°	869.5	816.6	767.3	717.6	669.5	623.4	579.9	540.2	502.4	470.5	444.7
135°	767.4	723.6	680.7	637.0	596.9	557.4	521.1	485.2	456.0	429.8	411.7
137.5°	668.6	631.7	594.7	561.4	529.4	494.5	462.2	435.8	411.3	395.1	381.9
140°	578.9	545.8	517.0	488.6	459.9	433.3	409.8	389.3	375.0	362.7	353.6
142.5°	506.7	475.9	442.8	419.9	398.5	377.9	363.7	351.3	341.3	333.0	326.4
145°	441.2	414.2	389.4	363.1	344.4	334.8	324.2	317.3	310.0	304.5	299.4
147.5°	387.2	365.6	347.1	330.0	312.8	298.3	290.8	284.9	280.6	275.9	273.2
150°	344.5	329.8	315.7	302.4	289.8	277.4	266.8	256.5	251.0	249.1	246.9
152.5°	309.3	298.5	287.5	276.9	267.2	257.6	249.1	240.8	233.6	227.4	224.1
155°	277.5	269.3	260.9	252.4	244.8	237.7	230.8	224.3	220.2	216.4	213.4
157.5°	247.1	241.2	235.2	229.1	222.9	217.9	213.6	209.5	205.7	202.2	199.0
160°	218.4	214.2	210.3	206.3	202.5	198.6	195.0	191.6	188.2	185.0	181.1
162.5°	191.1	188.2	185.3	182.4	179.5	176.5	173.5	170.5	167.3	163.9	160.2
165°	161.8	159.9	157.8	156.2	154.5	152.5	150.3	147.8	145.2	141.9	138.3
167.5°	134.6	133.8	132.9	131.7	130.3	128.6	126.7	124.5	122.0	119.3	116.3
170°	109.6	109.0	108.3	107.3	106.1	104.8	103.0	100.8	98.5	95.9	93.1
172.5°	84.2	83.5	82.7	81.7	80.5	79.2	77.7	76.1	74.4	72.2	69.9
175°	56.6	56.0	55.2	54.4	53.4	52.4	51.2	49.9	48.5	47.1	45.5
177.5°	27.1	27.0	26.7	26.4	26.1	25.7	25.3	24.8	24.3	23.7	23.2
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: P232057

CATALOG NUMBER: FVS4WM-3-LD4-35-2STD-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°	22.5	21.8	21.1	20.4	19.6	18.8	17.9	17.0	16.1	15.2	14.2
5°	43.8	42.1	40.3	38.8	37.2	35.6	33.9	32.2	30.4	28.5	26.6
7.5°	67.4	64.8	62.0	59.2	56.2	53.1	49.9	47.2	44.5	41.7	38.9
10°	90.2	87.0	83.9	79.9	75.9	71.8	67.5	63.2	58.7	54.8	51.1
12.5°	112.6	108.7	104.4	100.0	95.3	90.3	85.1	79.6	74.0	68.3	63.2
15°	134.4	130.2	126.4	120.2	114.5	108.6	102.4	95.9	89.3	82.4	75.4
17.5°	157.0	151.3	145.9	140.3	134.1	127.0	119.7	112.1	104.4	96.4	88.3
20°	176.6	171.9	166.7	160.1	153.1	145.8	137.3	128.5	119.4	110.4	101.2
22.5°	196.0	191.2	185.7	179.9	172.3	163.9	155.1	145.1	134.7	124.2	113.9
25°	210.1	207.7	204.2	197.8	192.9	186.0	178.2	169.8	160.1	150.0	139.9
27.5°	224.6	225.2	225.5	224.6	219.6	214.2	206.6	198.2	188.8	178.3	167.5
30°	247.0	247.4	247.5	247.3	245.6	240.1	233.9	225.5	217.4	206.0	195.2
32.5°	270.6	269.8	269.7	269.3	268.6	265.2	259.2	251.8	243.2	233.1	221.9
35°	295.9	293.1	291.9	291.3	290.4	289.1	283.7	277.8	268.8	259.5	248.3
37.5°	321.0	317.4	314.5	313.4	312.5	310.8	307.5	301.2	293.6	285.2	274.3
40°	346.7	341.1	338.0	335.4	334.1	332.4	330.3	324.5	317.7	309.7	299.7
42.5°	372.0	365.7	360.6	358.0	355.9	354.0	351.7	347.4	340.9	333.6	324.6
45°	398.9	389.1	383.7	380.0	377.6	375.6	373.1	369.7	363.5	356.9	349.2
47.5°	424.9	414.2	406.3	401.7	399.3	399.5	400.4	398.4	391.7	382.8	372.7
50°	456.1	441.0	441.8	446.8	449.7	448.8	444.7	437.3	425.6	411.1	396.8
52.5°	509.0	501.7	503.3	506.8	508.1	501.7	492.1	479.0	462.0	440.7	421.8
55°	569.5	561.7	562.4	567.2	569.0	558.1	542.3	523.2	500.4	472.2	447.7
57.5°	627.2	617.1	619.4	626.9	629.0	617.6	595.2	569.8	540.7	505.6	474.5
60°	679.0	669.6	674.7	684.3	689.4	680.0	650.5	618.4	582.2	540.3	502.1
62.5°	728.0	721.1	726.7	740.0	750.2	744.9	707.9	668.5	625.2	576.3	530.3
65°	773.0	768.1	775.5	794.2	811.0	807.0	767.3	720.2	669.4	613.3	559.1
67.5°	813.4	810.9	821.5	846.4	867.2	867.0	828.2	773.1	714.8	651.1	588.3
70°	850.7	851.9	867.6	894.3	913.3	908.1	863.9	797.4	730.6	662.0	594.9
72.5°	886.9	886.0	898.0	918.9	931.7	919.3	873.8	803.5	734.2	665.5	597.6
75°	917.7	916.8	927.5	945.0	954.0	932.6	883.3	809.2	736.9	668.1	599.8
77.5°	945.6	946.9	957.7	972.3	979.4	947.4	892.2	814.4	738.8	669.9	601.4
80°	971.2	976.5	988.5	1000.7	1007.1	963.2	900.2	818.8	739.8	670.9	602.6
82.5°	995.1	1005.8	1019.8	1030.0	1036.3	979.5	907.4	822.4	740.0	671.1	604.9
85°	1017.9	1035.1	1051.6	1060.1	1066.1	998.6	916.3	827.5	741.0	671.8	604.1
87.5°	1039.9	1064.3	1083.6	1090.5	1096.5	1011.9	919.0	827.4	738.3	669.6	603.3
90°	1063.0	1094.4	1116.0	1121.4	1124.1	1025.2	921.8	827.3	735.6	667.3	602.5
92.5°	1039.9	1064.3	1083.6	1090.5	1096.5	1011.9	919.0	827.4	738.3	669.6	603.3
95°	1017.9	1035.1	1051.6	1060.1	1066.1	998.6	916.3	827.5	741.0	671.8	604.1
97.5°	995.1	1005.8	1019.8	1030.0	1036.3	979.5	907.4	822.4	740.0	671.1	604.9
100°	971.2	976.5	988.5	1000.7	1007.1	963.2	900.2	818.8	739.8	670.9	602.6
102.5°	945.6	946.9	957.7	972.3	979.4	947.4	892.2	814.4	738.8	669.9	601.4
105°	917.7	916.8	927.5	945.0	954.0	932.6	883.3	809.2	736.9	668.1	599.8
107.5°	886.9	886.0	898.0	918.9	931.7	919.3	873.8	803.5	734.2	665.5	597.6
110°	850.7	851.9	867.6	894.3	913.3	908.1	863.9	797.4	730.6	662.0	594.9



TEST NUMBER: P232057

CATALOG NUMBER: FVS4WM-3-LD4-35-2STD-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
112.5°	813.4	810.9	821.5	846.4	867.2	867.0	828.2	773.1	714.8	651.1	588.3
115°	773.0	768.1	775.5	794.2	811.0	807.0	767.3	720.2	669.4	613.3	559.1
117.5°	728.0	721.1	726.7	740.0	750.2	744.9	707.9	668.5	625.2	576.3	530.3
120°	679.0	669.6	674.7	684.3	689.4	680.0	650.5	618.4	582.2	540.3	502.1
122.5°	627.2	617.1	619.4	626.9	629.0	617.6	595.2	569.8	540.7	505.6	474.5
125°	569.5	561.7	562.4	567.2	569.0	558.1	542.3	523.2	500.4	472.2	447.7
127.5°	509.0	501.7	503.3	506.8	508.1	501.7	492.1	479.0	462.0	440.7	421.8
130°	456.1	441.0	441.8	446.8	449.7	448.8	444.7	437.3	425.6	411.1	396.8
132.5°	424.9	414.2	406.3	401.7	399.3	399.5	400.4	398.4	391.7	382.8	372.7
135°	398.9	389.1	383.7	380.0	377.6	375.6	373.1	369.7	363.5	356.9	349.2
137.5°	372.0	365.7	360.6	358.0	355.9	354.0	351.7	347.4	340.9	333.6	324.6
140°	346.7	341.1	338.0	335.4	334.1	332.4	330.3	324.5	317.7	309.7	299.7
142.5°	321.0	317.4	314.5	313.4	312.5	310.8	307.5	301.2	293.6	285.2	274.3
145°	295.9	293.1	291.9	291.3	290.4	289.1	283.7	277.8	268.8	259.5	248.3
147.5°	270.6	269.8	269.7	269.3	268.6	265.2	259.2	251.8	243.2	233.1	221.9
150°	247.0	247.4	247.5	247.3	245.6	240.1	233.9	225.5	217.4	206.0	195.2
152.5°	224.6	225.2	225.5	224.6	219.6	214.2	206.6	198.2	188.8	178.3	167.5
155°	210.1	207.7	204.2	197.8	192.9	186.0	178.2	169.8	160.1	150.0	139.9
157.5°	196.0	191.2	185.7	179.9	172.3	163.9	155.1	145.1	134.7	124.2	113.9
160°	176.6	171.9	166.7	160.1	153.1	145.8	137.3	128.5	119.4	110.4	101.2
162.5°	157.0	151.3	145.9	140.3	134.1	127.0	119.7	112.1	104.4	96.4	88.3
165°	134.4	130.2	126.4	120.2	114.5	108.6	102.4	95.9	89.3	82.4	75.4
167.5°	112.6	108.7	104.4	100.0	95.3	90.3	85.1	79.6	74.0	68.3	63.2
170°	90.2	87.0	83.9	79.9	75.9	71.8	67.5	63.2	58.7	54.8	51.1
172.5°	67.4	64.8	62.0	59.2	56.2	53.1	49.9	47.2	44.5	41.7	38.9
175°	43.8	42.1	40.3	38.8	37.2	35.6	33.9	32.2	30.4	28.5	26.6
177.5°	22.5	21.8	21.1	20.4	19.6	18.8	17.9	17.0	16.1	15.2	14.2
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: P232057

CATALOG NUMBER: FVS4WM-3-LD4-35-2STD-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°	13.3	12.3	11.2	10.2	10.1	10.1	10.0	9.9	9.8	9.7	9.6
5°	24.7	22.7	20.6	18.6	18.4	18.2	18.0	17.8	17.5	17.2	16.9
7.5°	36.0	33.1	30.0	27.0	26.6	26.2	25.8	25.4	24.9	24.3	23.8
10°	47.3	43.4	39.4	35.4	34.8	34.1	33.4	32.7	31.9	31.1	30.4
12.5°	58.5	53.7	48.7	43.7	42.8	41.9	40.8	39.7	38.7	38.0	37.1
15°	69.6	63.9	58.1	52.1	50.8	49.5	48.0	46.7	45.7	44.7	43.7
17.5°	80.7	74.1	67.4	60.5	58.8	57.0	55.1	53.7	52.6	51.4	50.3
20°	91.8	84.2	76.6	68.9	66.7	64.3	62.0	60.8	59.5	58.1	56.9
22.5°	103.4	94.2	85.8	77.3	74.5	71.6	69.2	67.8	66.2	64.9	63.5
25°	129.4	119.3	110.2	100.6	96.6	92.2	88.7	85.8	82.6	79.6	76.3
27.5°	156.3	144.9	134.6	123.9	118.6	113.0	108.9	104.9	100.9	96.7	92.5
30°	183.0	170.6	159.1	147.2	140.5	133.5	128.6	123.5	118.4	113.1	108.0
32.5°	209.5	196.4	183.6	170.5	162.3	154.1	148.1	141.7	135.3	128.9	122.9
35°	235.9	222.1	208.1	193.7	183.9	174.5	167.1	159.5	151.6	144.3	137.3
37.5°	262.1	247.7	232.7	217.0	205.5	194.8	185.9	176.7	167.6	159.3	150.7
40°	288.1	273.2	257.2	240.3	226.9	214.8	204.4	193.5	183.0	173.8	163.5
42.5°	313.8	298.5	281.8	263.6	248.2	234.6	223.0	209.9	198.4	188.3	175.7
45°	338.7	323.8	306.4	286.9	269.5	254.3	240.4	225.9	213.5	201.2	187.5
47.5°	358.3	340.4	320.3	298.9	279.4	262.5	247.0	231.4	219.4	207.2	194.5
50°	378.2	357.0	334.3	310.9	289.1	270.0	252.2	234.8	221.6	208.9	196.5
52.5°	398.8	373.8	348.2	322.9	298.7	277.3	257.1	238.2	223.6	211.0	199.1
55°	420.1	390.8	362.2	334.9	308.3	284.4	261.7	241.5	225.8	213.5	202.1
57.5°	442.0	408.0	376.1	346.8	317.8	291.3	266.3	244.7	228.4	216.4	205.7
60°	464.5	425.4	390.1	358.8	327.3	298.1	270.6	247.7	231.3	219.9	210.1
62.5°	487.4	442.9	404.1	370.8	336.8	304.8	274.9	250.7	234.5	223.7	214.2
65°	510.7	460.5	418.1	382.8	346.2	311.5	279.1	253.6	237.9	227.9	219.3
67.5°	534.3	478.2	432.1	394.8	355.6	318.0	283.3	256.5	241.6	232.4	224.9
70°	539.7	482.4	435.4	394.0	353.9	315.2	280.4	254.5	240.3	231.6	225.4
72.5°	543.2	486.0	438.7	393.2	352.1	312.2	277.3	252.1	237.8	228.6	223.0
75°	546.3	489.4	443.7	392.4	350.4	309.3	274.4	249.8	235.2	225.7	220.8
77.5°	549.0	492.6	446.4	391.6	348.7	306.6	271.8	247.8	232.7	222.8	218.8
80°	551.3	497.0	449.2	390.8	347.2	304.0	269.4	246.1	230.2	220.0	217.0
82.5°	554.6	499.1	452.0	390.0	345.7	301.5	267.1	244.5	227.8	217.2	215.2
85°	555.3	501.2	454.8	389.2	344.3	299.2	265.1	243.2	225.4	214.5	213.6
87.5°	556.0	503.3	457.6	388.4	342.9	297.0	263.3	242.0	223.2	211.9	212.0
90°	556.7	505.4	460.4	387.6	341.7	295.0	261.7	241.0	221.2	209.5	210.4
92.5°	556.0	503.3	457.6	388.4	342.9	297.0	263.3	242.0	223.2	211.9	212.0
95°	555.3	501.2	454.8	389.2	344.3	299.2	265.1	243.2	225.4	214.5	213.6
97.5°	554.6	499.1	452.0	390.0	345.7	301.5	267.1	244.5	227.8	217.2	215.2
100°	551.3	497.0	449.2	390.8	347.2	304.0	269.4	246.1	230.2	220.0	217.0
102.5°	549.0	492.6	446.4	391.6	348.7	306.6	271.8	247.8	232.7	222.8	218.8
105°	546.3	489.4	443.7	392.4	350.4	309.3	274.4	249.8	235.2	225.7	220.8
107.5°	543.2	486.0	438.7	393.2	352.1	312.2	277.3	252.1	237.8	228.6	223.0
110°	539.7	482.4	435.4	394.0	353.9	315.2	280.4	254.5	240.3	231.6	225.4



TEST NUMBER: P232057

CATALOG NUMBER: FVS4WM-3-LD4-35-2STD-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°	534.3	478.2	432.1	394.8	355.6	318.0	283.3	256.5	241.6	232.4	224.9
115°	510.7	460.5	418.1	382.8	346.2	311.5	279.1	253.6	237.9	227.9	219.3
117.5°	487.4	442.9	404.1	370.8	336.8	304.8	274.9	250.7	234.5	223.7	214.2
120°	464.5	425.4	390.1	358.8	327.3	298.1	270.6	247.7	231.3	219.9	210.1
122.5°	442.0	408.0	376.1	346.8	317.8	291.3	266.3	244.7	228.4	216.4	205.7
125°	420.1	390.8	362.2	334.9	308.3	284.4	261.7	241.5	225.8	213.5	202.1
127.5°	398.8	373.8	348.2	322.9	298.7	277.3	257.1	238.2	223.6	211.0	199.1
130°	378.2	357.0	334.3	310.9	289.1	270.0	252.2	234.8	221.6	208.9	196.5
132.5°	358.3	340.4	320.3	298.9	279.4	262.5	247.0	231.4	219.4	207.2	194.5
135°	338.7	323.8	306.4	286.9	269.5	254.3	240.4	225.9	213.5	201.2	187.5
137.5°	313.8	298.5	281.8	263.6	248.2	234.6	223.0	209.9	198.4	188.3	175.7
140°	288.1	273.2	257.2	240.3	226.9	214.8	204.4	193.5	183.0	173.8	163.5
142.5°	262.1	247.7	232.7	217.0	205.5	194.8	185.9	176.7	167.6	159.3	150.7
145°	235.9	222.1	208.1	193.7	183.9	174.5	167.1	159.5	151.6	144.3	137.3
147.5°	209.5	196.4	183.6	170.5	162.3	154.1	148.1	141.7	135.3	128.9	122.9
150°	183.0	170.6	159.1	147.2	140.5	133.5	128.6	123.5	118.4	113.1	108.0
152.5°	156.3	144.9	134.6	123.9	118.6	113.0	108.9	104.9	100.9	96.7	92.5
155°	129.4	119.3	110.2	100.6	96.6	92.2	88.7	85.8	82.6	79.6	76.3
157.5°	103.4	94.2	85.8	77.3	74.5	71.6	69.2	67.8	66.2	64.9	63.5
160°	91.8	84.2	76.6	68.9	66.7	64.3	62.0	60.8	59.5	58.1	56.9
162.5°	80.7	74.1	67.4	60.5	58.8	57.0	55.1	53.7	52.6	51.4	50.3
165°	69.6	63.9	58.1	52.1	50.8	49.5	48.0	46.7	45.7	44.7	43.7
167.5°	58.5	53.7	48.7	43.7	42.8	41.9	40.8	39.7	38.7	38.0	37.1
170°	47.3	43.4	39.4	35.4	34.8	34.1	33.4	32.7	31.9	31.1	30.4
172.5°	36.0	33.1	30.0	27.0	26.6	26.2	25.8	25.4	24.9	24.3	23.8
175°	24.7	22.7	20.6	18.6	18.4	18.2	18.0	17.8	17.5	17.2	16.9
177.5°	13.3	12.3	11.2	10.2	10.1	10.1	10.0	9.9	9.8	9.7	9.6
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: P232057

CATALOG NUMBER: FVS4WM-3-LD4-35-2STD-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°	9.4	9.3	9.1	8.9	8.7	8.5	8.3	8.1	7.8	7.6	7.3
5°	16.5	16.2	15.8	15.4	15.0	14.5	14.1	13.6	13.1	12.6	12.1
7.5°	23.2	22.6	22.1	21.5	20.8	20.2	19.5	18.8	18.0	17.3	16.6
10°	29.8	29.0	28.2	27.4	26.6	25.8	25.0	24.2	23.3	22.4	21.4
12.5°	36.2	35.3	34.4	33.5	32.6	31.6	30.6	29.6	28.4	27.2	26.0
15°	42.7	41.7	40.7	39.6	38.5	37.2	35.9	34.5	33.1	31.7	30.1
17.5°	49.2	48.1	46.9	45.5	44.0	42.5	40.9	39.2	37.4	35.6	33.8
20°	55.7	54.3	52.7	51.0	49.3	47.4	45.3	43.3	41.3	39.3	37.4
22.5°	62.1	60.2	58.3	56.4	54.1	51.7	49.5	47.3	45.2	43.0	40.5
25°	72.8	69.2	65.3	61.1	58.5	56.1	53.7	51.3	48.5	45.5	42.7
27.5°	88.1	83.6	78.5	73.5	68.7	64.1	59.2	54.2	50.9	48.1	45.5
30°	102.8	96.9	90.9	85.2	79.7	73.8	67.7	62.0	57.0	52.2	48.1
32.5°	116.4	109.3	102.6	96.0	89.2	82.1	75.5	69.6	64.0	58.8	53.7
35°	129.2	121.1	113.5	105.7	97.3	89.6	82.7	76.3	70.3	64.6	59.4
37.5°	141.3	132.3	123.5	113.9	104.7	96.7	89.2	82.3	75.8	69.9	64.5
40°	152.8	142.8	132.2	121.3	111.8	103.0	95.1	87.7	80.8	74.8	69.3
42.5°	164.0	152.6	140.1	128.6	118.2	109.0	100.5	92.6	85.6	79.4	73.3
45°	174.5	161.2	147.3	135.3	124.4	114.5	105.4	97.1	90.1	83.1	76.3
47.5°	182.3	168.7	154.6	141.4	130.2	119.6	109.7	101.7	93.7	85.9	79.4
50°	184.4	170.9	158.0	145.9	134.8	124.2	114.5	105.6	96.6	88.8	81.8
52.5°	187.0	174.1	161.2	149.4	138.3	127.8	119.0	109.3	99.3	91.2	83.5
55°	190.4	177.9	165.1	153.2	142.3	133.0	124.2	114.6	104.6	94.6	85.1
57.5°	194.5	182.2	169.5	157.5	146.7	138.8	130.2	120.4	109.6	98.6	88.8
60°	199.4	186.8	174.1	162.4	152.8	145.3	137.2	126.0	114.1	102.5	92.0
62.5°	204.7	191.8	178.9	167.7	159.5	152.5	143.7	131.5	118.1	106.2	95.1
65°	209.9	197.1	184.0	173.4	166.7	160.4	150.0	136.3	122.3	109.6	98.0
67.5°	215.6	202.6	189.9	180.0	174.5	169.0	156.3	141.0	126.3	113.1	101.1
70°	217.2	205.7	194.6	187.1	182.9	177.0	162.6	145.5	130.3	116.6	104.1
72.5°	215.0	204.6	194.7	187.6	183.6	177.3	164.3	148.8	134.2	120.2	107.1
75°	213.4	204.2	195.0	188.0	183.2	175.4	162.9	148.3	133.4	119.9	107.8
77.5°	212.1	204.3	195.5	188.3	182.7	174.1	162.6	148.1	132.8	118.8	106.7
80°	211.2	204.8	196.3	188.4	182.1	173.3	163.2	148.5	132.3	118.0	106.2
82.5°	210.5	205.7	197.3	188.6	181.4	173.1	164.6	149.2	132.2	117.7	106.3
85°	210.0	206.8	198.5	188.8	180.8	173.3	166.6	150.5	132.6	117.8	106.9
87.5°	209.7	208.1	199.8	189.2	180.2	173.8	169.1	152.3	133.4	118.4	108.1
90°	209.5	209.5	201.4	189.7	179.9	174.5	171.8	154.7	134.9	119.6	109.7
92.5°	209.7	208.1	199.8	189.2	180.2	173.8	169.1	152.3	133.4	118.4	108.1
95°	210.0	206.8	198.5	188.8	180.8	173.3	166.6	150.5	132.6	117.8	106.9
97.5°	210.5	205.7	197.3	188.6	181.4	173.1	164.6	149.2	132.2	117.7	106.3
100°	211.2	204.8	196.3	188.4	182.1	173.3	163.2	148.5	132.3	118.0	106.2
102.5°	212.1	204.3	195.5	188.3	182.7	174.1	162.6	148.1	132.8	118.8	106.7
105°	213.4	204.2	195.0	188.0	183.2	175.4	162.9	148.3	133.4	119.9	107.8
107.5°	215.0	204.6	194.7	187.6	183.6	177.3	164.3	148.8	134.2	120.2	107.1
110°	217.2	205.7	194.6	187.1	182.9	177.0	162.6	145.5	130.3	116.6	104.1



TEST NUMBER: P232057

CATALOG NUMBER: FVS4WM-3-LD4-35-2STD-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
112.5°	215.6	202.6	189.9	180.0	174.5	169.0	156.3	141.0	126.3	113.1	101.1
115°	209.9	197.1	184.0	173.4	166.7	160.4	150.0	136.3	122.3	109.6	98.0
117.5°	204.7	191.8	178.9	167.7	159.5	152.5	143.7	131.5	118.1	106.2	95.1
120°	199.4	186.8	174.1	162.4	152.8	145.3	137.2	126.0	114.1	102.5	92.0
122.5°	194.5	182.2	169.5	157.5	146.7	138.8	130.2	120.4	109.6	98.6	88.8
125°	190.4	177.9	165.1	153.2	142.3	133.0	124.2	114.6	104.6	94.6	85.1
127.5°	187.0	174.1	161.2	149.4	138.3	127.8	119.0	109.3	99.3	91.2	83.5
130°	184.4	170.9	158.0	145.9	134.8	124.2	114.5	105.6	96.6	88.8	81.8
132.5°	182.3	168.7	154.6	141.4	130.2	119.6	109.7	101.7	93.7	85.9	79.4
135°	174.5	161.2	147.3	135.3	124.4	114.5	105.4	97.1	90.1	83.1	76.3
137.5°	164.0	152.6	140.1	128.6	118.2	109.0	100.5	92.6	85.6	79.4	73.3
140°	152.8	142.8	132.2	121.3	111.8	103.0	95.1	87.7	80.8	74.8	69.3
142.5°	141.3	132.3	123.5	113.9	104.7	96.7	89.2	82.3	75.8	69.9	64.5
145°	129.2	121.1	113.5	105.7	97.3	89.6	82.7	76.3	70.3	64.6	59.4
147.5°	116.4	109.3	102.6	96.0	89.2	82.1	75.5	69.6	64.0	58.8	53.7
150°	102.8	96.9	90.9	85.2	79.7	73.8	67.7	62.0	57.0	52.2	48.1
152.5°	88.1	83.6	78.5	73.5	68.7	64.1	59.2	54.2	50.9	48.1	45.5
155°	72.8	69.2	65.3	61.1	58.5	56.1	53.7	51.3	48.5	45.5	42.7
157.5°	62.1	60.2	58.3	56.4	54.1	51.7	49.5	47.3	45.2	43.0	40.5
160°	55.7	54.3	52.7	51.0	49.3	47.4	45.3	43.3	41.3	39.3	37.4
162.5°	49.2	48.1	46.9	45.5	44.0	42.5	40.9	39.2	37.4	35.6	33.8
165°	42.7	41.7	40.7	39.6	38.5	37.2	35.9	34.5	33.1	31.7	30.1
167.5°	36.2	35.3	34.4	33.5	32.6	31.6	30.6	29.6	28.4	27.2	26.0
170°	29.8	29.0	28.2	27.4	26.6	25.8	25.0	24.2	23.3	22.4	21.4
172.5°	23.2	22.6	22.1	21.5	20.8	20.2	19.5	18.8	18.0	17.3	16.6
175°	16.5	16.2	15.8	15.4	15.0	14.5	14.1	13.6	13.1	12.6	12.1
177.5°	9.4	9.3	9.1	8.9	8.7	8.5	8.3	8.1	7.8	7.6	7.3
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: P232057

CATALOG NUMBER: FVS4WM-3-LD4-35-2STD-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°	7.1	6.8	6.5	6.2	5.9	5.6	5.3	5.0	4.7	4.4	4.1
5°	11.5	11.0	10.4	9.8	9.2	8.6	8.0	7.4	6.7	6.1	5.4
7.5°	15.8	15.1	14.3	13.5	12.7	11.9	11.0	10.1	9.2	8.4	7.4
10°	20.5	19.5	18.4	17.3	16.2	15.1	14.0	12.8	11.7	10.5	9.3
12.5°	24.7	23.5	22.2	20.8	19.4	18.0	16.6	15.2	13.8	12.4	11.0
15°	28.6	27.0	25.4	23.8	22.2	20.6	19.0	17.4	15.7	14.1	12.5
17.5°	32.0	30.2	28.5	26.7	24.9	23.1	21.1	19.2	17.3	15.5	13.6
20°	35.4	33.4	31.1	28.9	26.8	24.6	22.6	20.6	18.6	16.7	14.7
22.5°	37.9	35.4	33.0	30.9	28.7	26.5	24.4	22.2	20.1	17.9	15.8
25°	40.2	37.8	35.4	33.1	30.7	28.3	26.0	23.6	21.4	19.1	16.9
27.5°	42.8	40.2	37.6	35.0	32.6	30.2	27.7	25.3	22.9	20.6	18.2
30°	45.3	42.4	39.9	37.3	34.7	32.3	29.8	27.3	24.8	22.3	19.9
32.5°	49.1	45.0	42.4	39.9	37.3	34.8	32.2	29.6	27.0	24.4	21.8
35°	54.5	50.2	46.0	42.7	40.1	37.4	34.8	32.1	29.4	26.6	23.6
37.5°	59.7	55.1	50.6	46.5	43.0	40.4	37.6	34.6	31.5	28.3	25.0
40°	64.0	59.0	54.6	50.7	47.0	43.3	40.0	36.6	33.0	29.5	26.1
42.5°	67.5	62.6	58.2	53.7	49.6	45.6	41.7	38.1	34.7	31.2	27.6
45°	70.8	65.6	60.5	55.8	51.3	47.1	43.5	40.2	36.5	32.5	28.6
47.5°	73.4	67.5	62.1	57.1	52.5	48.5	44.6	41.0	37.7	33.7	29.6
50°	75.1	68.9	63.2	58.1	53.4	49.0	45.0	41.3	38.0	34.4	29.9
52.5°	76.4	69.9	64.0	58.5	53.6	49.1	44.9	41.1	37.4	34.1	30.6
55°	77.4	70.5	64.3	58.6	53.5	48.8	44.6	40.7	37.3	33.9	30.6
57.5°	79.6	71.0	64.4	58.4	53.1	48.6	44.4	40.5	36.7	33.0	29.6
60°	82.3	73.5	65.4	58.0	53.1	48.5	44.1	39.9	35.9	32.3	28.7
62.5°	85.0	75.8	67.1	60.0	53.6	48.2	43.6	39.4	35.5	31.6	27.8
65°	87.6	77.8	69.2	61.7	55.0	48.7	43.4	39.2	35.1	30.9	26.7
67.5°	90.0	79.9	71.0	63.3	56.1	49.6	44.3	39.2	34.8	30.4	26.1
70°	92.5	82.0	72.8	64.6	56.9	50.7	45.0	39.7	34.7	30.2	25.4
72.5°	95.0	84.1	74.6	65.9	58.2	51.7	45.8	39.9	34.5	29.5	24.6
75°	96.7	86.2	76.6	67.1	59.6	52.9	46.2	39.8	33.8	27.9	22.9
77.5°	96.1	86.3	77.1	68.4	61.0	54.0	46.6	39.6	32.5	26.0	20.6
80°	96.1	86.8	77.5	69.1	61.5	54.0	46.6	39.1	31.1	23.8	17.6
82.5°	96.9	87.7	78.5	70.3	61.8	53.7	45.8	37.8	29.6	21.6	14.3
85°	98.3	89.2	80.0	71.8	62.3	53.8	45.6	37.0	28.8	20.4	12.7
87.5°	100.2	91.1	82.0	73.9	63.2	54.5	45.9	37.0	28.8	20.1	12.1
90°	102.5	93.5	84.5	76.4	64.7	55.8	46.8	37.8	29.7	20.7	12.6
92.5°	100.2	91.1	82.0	73.9	63.2	54.5	45.9	37.0	28.8	20.1	12.1
95°	98.3	89.2	80.0	71.8	62.3	53.8	45.6	37.0	28.8	20.4	12.7
97.5°	96.9	87.7	78.5	70.3	61.8	53.7	45.8	37.8	29.6	21.6	14.3
100°	96.1	86.8	77.5	69.1	61.5	54.0	46.6	39.1	31.1	23.8	17.6
102.5°	96.1	86.3	77.1	68.4	61.0	54.0	46.6	39.6	32.5	26.0	20.6
105°	96.7	86.2	76.6	67.1	59.6	52.9	46.2	39.8	33.8	27.9	22.9
107.5°	95.0	84.1	74.6	65.9	58.2	51.7	45.8	39.9	34.5	29.5	24.6
110°	92.5	82.0	72.8	64.6	56.9	50.7	45.0	39.7	34.7	30.2	25.4





TEST NUMBER: P232057

CATALOG NUMBER: FVS4WM-3-LD4-35-2STD-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°	90.0	79.9	71.0	63.3	56.1	49.6	44.3	39.2	34.8	30.4	26.1
115°	87.6	77.8	69.2	61.7	55.0	48.7	43.4	39.2	35.1	30.9	26.7
117.5°	85.0	75.8	67.1	60.0	53.6	48.2	43.6	39.4	35.5	31.6	27.8
120°	82.3	73.5	65.4	58.0	53.1	48.5	44.1	39.9	35.9	32.3	28.7
122.5°	79.6	71.0	64.4	58.4	53.1	48.6	44.4	40.5	36.7	33.0	29.6
125°	77.4	70.5	64.3	58.6	53.5	48.8	44.6	40.7	37.3	33.9	30.6
127.5°	76.4	69.9	64.0	58.5	53.6	49.1	44.9	41.1	37.4	34.1	30.6
130°	75.1	68.9	63.2	58.1	53.4	49.0	45.0	41.3	38.0	34.4	29.9
132.5°	73.4	67.5	62.1	57.1	52.5	48.5	44.6	41.0	37.7	33.7	29.6
135°	70.8	65.6	60.5	55.8	51.3	47.1	43.5	40.2	36.5	32.5	28.6
137.5°	67.5	62.6	58.2	53.7	49.6	45.6	41.7	38.1	34.7	31.2	27.6
140°	64.0	59.0	54.6	50.7	47.0	43.3	40.0	36.6	33.0	29.5	26.1
142.5°	59.7	55.1	50.6	46.5	43.0	40.4	37.6	34.6	31.5	28.3	25.0
145°	54.5	50.2	46.0	42.7	40.1	37.4	34.8	32.1	29.4	26.6	23.6
147.5°	49.1	45.0	42.4	39.9	37.3	34.8	32.2	29.6	27.0	24.4	21.8
150°	45.3	42.4	39.9	37.3	34.7	32.3	29.8	27.3	24.8	22.3	19.9
152.5°	42.8	40.2	37.6	35.0	32.6	30.2	27.7	25.3	22.9	20.6	18.2
155°	40.2	37.8	35.4	33.1	30.7	28.3	26.0	23.6	21.4	19.1	16.9
157.5°	37.9	35.4	33.0	30.9	28.7	26.5	24.4	22.2	20.1	17.9	15.8
160°	35.4	33.4	31.1	28.9	26.8	24.6	22.6	20.6	18.6	16.7	14.7
162.5°	32.0	30.2	28.5	26.7	24.9	23.1	21.1	19.2	17.3	15.5	13.6
165°	28.6	27.0	25.4	23.8	22.2	20.6	19.0	17.4	15.7	14.1	12.5
167.5°	24.7	23.5	22.2	20.8	19.4	18.0	16.6	15.2	13.8	12.4	11.0
170°	20.5	19.5	18.4	17.3	16.2	15.1	14.0	12.8	11.7	10.5	9.3
172.5°	15.8	15.1	14.3	13.5	12.7	11.9	11.0	10.1	9.2	8.4	7.4
175°	11.5	11.0	10.4	9.8	9.2	8.6	8.0	7.4	6.7	6.1	5.4
177.5°	7.1	6.8	6.5	6.2	5.9	5.6	5.3	5.0	4.7	4.4	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: P232057

CATALOG NUMBER: FVS4WM-3-LD4-35-2STD-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	3.4	3.1	2.8	2.5	2.1	1.8	2.1	2.5	2.8	3.1
5°	4.8	4.2	3.5	2.9	2.2	1.5	0.9	1.5	2.2	2.9	3.5
7.5°	6.5	5.6	4.7	3.7	2.8	1.8	0.9	1.8	2.8	3.7	4.7
10°	8.2	7.0	5.8	4.5	3.3	2.1	0.9	2.1	3.3	4.5	5.8
12.5°	9.5	8.1	6.7	5.2	3.8	2.3	0.9	2.3	3.8	5.2	6.7
15°	10.8	9.2	7.5	5.9	4.2	2.6	0.9	2.6	4.2	5.9	7.5
17.5°	11.8	9.9	8.1	6.3	4.5	2.7	0.9	2.7	4.5	6.3	8.1
20°	12.7	10.7	8.8	6.8	4.8	2.9	0.9	2.9	4.8	6.8	8.8
22.5°	13.6	11.5	9.4	7.2	5.1	3.0	0.9	3.0	5.1	7.2	9.4
25°	14.6	12.3	10.0	7.8	5.5	3.2	0.9	3.2	5.5	7.8	10.0
27.5°	15.8	13.3	10.9	8.4	5.9	3.4	0.9	3.4	5.9	8.4	10.9
30°	17.3	14.8	12.2	9.7	7.1	4.4	1.8	4.4	7.1	9.7	12.2
32.5°	19.0	16.2	13.4	10.5	7.6	4.7	1.8	4.7	7.6	10.5	13.4
35°	20.5	17.4	14.3	11.2	8.1	5.0	1.8	5.0	8.1	11.2	14.3
37.5°	21.7	18.3	15.0	11.7	8.4	5.1	1.8	5.1	8.4	11.7	15.0
40°	22.7	19.3	15.8	12.3	8.8	5.3	1.8	5.3	8.8	12.3	15.8
42.5°	23.9	20.2	16.5	12.8	9.1	5.5	1.8	5.5	9.1	12.8	16.5
45°	24.7	20.9	17.0	13.2	9.4	5.6	1.8	5.6	9.4	13.2	17.0
47.5°	25.5	21.3	17.3	13.4	9.5	5.6	1.8	5.6	9.5	13.4	17.3
50°	25.7	21.6	17.6	13.6	9.7	5.7	1.8	5.7	9.7	13.6	17.6
52.5°	26.4	22.0	17.8	13.7	9.7	5.7	1.8	5.7	9.7	13.7	17.8
55°	26.3	21.9	17.7	13.6	9.6	5.7	1.8	5.7	9.6	13.6	17.7
57.5°	26.2	21.7	17.6	13.6	9.9	6.3	2.7	6.3	9.9	13.6	17.6
60°	25.3	21.3	17.0	13.1	9.4	6.0	2.7	6.0	9.4	13.1	17.0
62.5°	23.8	19.8	15.9	12.3	9.0	5.8	2.7	5.8	9.0	12.3	15.9
65°	22.7	18.8	15.1	11.6	8.4	5.5	2.7	5.5	8.4	11.6	15.1
67.5°	21.9	17.8	14.0	10.7	7.7	5.1	2.7	5.1	7.7	10.7	14.0
70°	20.8	16.6	12.8	9.8	7.3	4.9	2.7	4.9	7.3	9.8	12.8
72.5°	19.8	15.7	12.3	8.8	6.3	4.3	2.7	4.3	6.3	8.8	12.3
75°	19.2	14.9	10.8	7.3	4.8	3.5	2.7	3.5	4.8	7.3	10.8
77.5°	16.7	13.5	9.1	5.0	1.7	0.3	0.0	0.3	1.7	5.0	9.1
80°	12.9	9.6	5.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.7
82.5°	9.0	5.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	6.5	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	5.5	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	5.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	5.5	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	6.5	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	9.0	5.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	12.9	9.6	5.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.7
102.5°	16.7	13.5	9.1	5.0	1.7	0.3	0.0	0.3	1.7	5.0	9.1
105°	19.2	14.9	10.8	7.3	4.8	3.5	2.7	3.5	4.8	7.3	10.8
107.5°	19.8	15.7	12.3	8.8	6.3	4.3	2.7	4.3	6.3	8.8	12.3
110°	20.8	16.6	12.8	9.8	7.3	4.9	2.7	4.9	7.3	9.8	12.8



TEST NUMBER: P232057

CATALOG NUMBER: FVS4WM-3-LD4-35-2STD-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
112.5°	21.9	17.8	14.0	10.7	7.7	5.1	2.7	5.1	7.7	10.7	14.0
115°	22.7	18.8	15.1	11.6	8.4	5.5	2.7	5.5	8.4	11.6	15.1
117.5°	23.8	19.8	15.9	12.3	9.0	5.8	2.7	5.8	9.0	12.3	15.9
120°	25.3	21.3	17.0	13.1	9.4	6.0	2.7	6.0	9.4	13.1	17.0
122.5°	26.2	21.7	17.6	13.6	9.9	6.3	2.7	6.3	9.9	13.6	17.6
125°	26.3	21.9	17.7	13.6	9.6	5.7	1.8	5.7	9.6	13.6	17.7
127.5°	26.4	22.0	17.8	13.7	9.7	5.7	1.8	5.7	9.7	13.7	17.8
130°	25.7	21.6	17.6	13.6	9.7	5.7	1.8	5.7	9.7	13.6	17.6
132.5°	25.5	21.3	17.3	13.4	9.5	5.6	1.8	5.6	9.5	13.4	17.3
135°	24.7	20.9	17.0	13.2	9.4	5.6	1.8	5.6	9.4	13.2	17.0
137.5°	23.9	20.2	16.5	12.8	9.1	5.5	1.8	5.5	9.1	12.8	16.5
140°	22.7	19.3	15.8	12.3	8.8	5.3	1.8	5.3	8.8	12.3	15.8
142.5°	21.7	18.3	15.0	11.7	8.4	5.1	1.8	5.1	8.4	11.7	15.0
145°	20.5	17.4	14.3	11.2	8.1	5.0	1.8	5.0	8.1	11.2	14.3
147.5°	19.0	16.2	13.4	10.5	7.6	4.7	1.8	4.7	7.6	10.5	13.4
150°	17.3	14.8	12.2	9.7	7.1	4.4	1.8	4.4	7.1	9.7	12.2
152.5°	15.8	13.3	10.9	8.4	5.9	3.4	0.9	3.4	5.9	8.4	10.9
155°	14.6	12.3	10.0	7.8	5.5	3.2	0.9	3.2	5.5	7.8	10.0
157.5°	13.6	11.5	9.4	7.2	5.1	3.0	0.9	3.0	5.1	7.2	9.4
160°	12.7	10.7	8.8	6.8	4.8	2.9	0.9	2.9	4.8	6.8	8.8
162.5°	11.8	9.9	8.1	6.3	4.5	2.7	0.9	2.7	4.5	6.3	8.1
165°	10.8	9.2	7.5	5.9	4.2	2.6	0.9	2.6	4.2	5.9	7.5
167.5°	9.5	8.1	6.7	5.2	3.8	2.3	0.9	2.3	3.8	5.2	6.7
170°	8.2	7.0	5.8	4.5	3.3	2.1	0.9	2.1	3.3	4.5	5.8
172.5°	6.5	5.6	4.7	3.7	2.8	1.8	0.9	1.8	2.8	3.7	4.7
175°	4.8	4.2	3.5	2.9	2.2	1.5	0.9	1.5	2.2	2.9	3.5
177.5°	3.8	3.4	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: P232057

CATALOG NUMBER: FVS4WM-3-LD4-35-2STD-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°	3.4	3.8	4.1	4.4	4.7	5.0	5.3	5.6	5.9	6.2	6.5
5°	4.2	4.8	5.4	6.1	6.7	7.4	8.0	8.6	9.2	9.8	10.4
7.5°	5.6	6.5	7.4	8.4	9.2	10.1	11.0	11.9	12.7	13.5	14.3
10°	7.0	8.2	9.3	10.5	11.7	12.8	14.0	15.1	16.2	17.3	18.4
12.5°	8.1	9.5	11.0	12.4	13.8	15.2	16.6	18.0	19.4	20.8	22.2
15°	9.2	10.8	12.5	14.1	15.7	17.4	19.0	20.6	22.2	23.8	25.4
17.5°	9.9	11.8	13.6	15.5	17.3	19.2	21.1	23.1	24.9	26.7	28.5
20°	10.7	12.7	14.7	16.7	18.6	20.6	22.6	24.6	26.8	28.9	31.1
22.5°	11.5	13.6	15.8	17.9	20.1	22.2	24.4	26.5	28.7	30.9	33.0
25°	12.3	14.6	16.9	19.1	21.4	23.6	26.0	28.3	30.7	33.1	35.4
27.5°	13.3	15.8	18.2	20.6	22.9	25.3	27.7	30.2	32.6	35.0	37.6
30°	14.8	17.3	19.9	22.3	24.8	27.3	29.8	32.3	34.7	37.3	39.9
32.5°	16.2	19.0	21.8	24.4	27.0	29.6	32.2	34.8	37.3	39.9	42.4
35°	17.4	20.5	23.6	26.6	29.4	32.1	34.8	37.4	40.1	42.7	46.0
37.5°	18.3	21.7	25.0	28.3	31.5	34.6	37.6	40.4	43.0	46.5	50.6
40°	19.3	22.7	26.1	29.5	33.0	36.6	40.0	43.3	47.0	50.7	54.6
42.5°	20.2	23.9	27.6	31.2	34.7	38.1	41.7	45.6	49.6	53.7	58.2
45°	20.9	24.7	28.6	32.5	36.5	40.2	43.5	47.1	51.3	55.8	60.5
47.5°	21.3	25.5	29.6	33.7	37.7	41.0	44.6	48.5	52.5	57.1	62.1
50°	21.6	25.7	29.9	34.4	38.0	41.3	45.0	49.0	53.4	58.1	63.2
52.5°	22.0	26.4	30.6	34.1	37.4	41.1	44.9	49.1	53.6	58.5	64.0
55°	21.9	26.3	30.6	33.9	37.3	40.7	44.6	48.8	53.5	58.6	64.3
57.5°	21.7	26.2	29.6	33.0	36.7	40.5	44.4	48.6	53.1	58.4	64.4
60°	21.3	25.3	28.7	32.3	35.9	39.9	44.1	48.5	53.1	58.0	65.4
62.5°	19.8	23.8	27.8	31.6	35.5	39.4	43.6	48.2	53.6	60.0	67.1
65°	18.8	22.7	26.7	30.9	35.1	39.2	43.4	48.7	55.0	61.7	69.2
67.5°	17.8	21.9	26.1	30.4	34.8	39.2	44.3	49.6	56.1	63.3	71.0
70°	16.6	20.8	25.4	30.2	34.7	39.7	45.0	50.7	56.9	64.6	72.8
72.5°	15.7	19.8	24.6	29.5	34.5	39.9	45.8	51.7	58.2	65.9	74.6
75°	14.9	19.2	22.9	27.9	33.8	39.8	46.2	52.9	59.6	67.1	76.6
77.5°	13.5	16.7	20.6	26.0	32.5	39.6	46.6	54.0	61.0	68.4	77.1
80°	9.6	12.9	17.6	23.8	31.1	39.1	46.6	54.0	61.5	69.1	77.5
82.5°	5.1	9.0	14.3	21.6	29.6	37.8	45.8	53.7	61.8	70.3	78.5
85°	1.7	6.5	12.7	20.4	28.8	37.0	45.6	53.8	62.3	71.8	80.0
87.5°	0.5	5.5	12.1	20.1	28.8	37.0	45.9	54.5	63.2	73.9	82.0
90°	0.0	5.4	12.6	20.7	29.7	37.8	46.8	55.8	64.7	76.4	84.5
92.5°	0.5	5.5	12.1	20.1	28.8	37.0	45.9	54.5	63.2	73.9	82.0
95°	1.7	6.5	12.7	20.4	28.8	37.0	45.6	53.8	62.3	71.8	80.0
97.5°	5.1	9.0	14.3	21.6	29.6	37.8	45.8	53.7	61.8	70.3	78.5
100°	9.6	12.9	17.6	23.8	31.1	39.1	46.6	54.0	61.5	69.1	77.5
102.5°	13.5	16.7	20.6	26.0	32.5	39.6	46.6	54.0	61.0	68.4	77.1
105°	14.9	19.2	22.9	27.9	33.8	39.8	46.2	52.9	59.6	67.1	76.6
107.5°	15.7	19.8	24.6	29.5	34.5	39.9	45.8	51.7	58.2	65.9	74.6
110°	16.6	20.8	25.4	30.2	34.7	39.7	45.0	50.7	56.9	64.6	72.8



TEST NUMBER: P232057

CATALOG NUMBER: FVS4WM-3-LD4-35-2STD-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°	17.8	21.9	26.1	30.4	34.8	39.2	44.3	49.6	56.1	63.3	71.0
115°	18.8	22.7	26.7	30.9	35.1	39.2	43.4	48.7	55.0	61.7	69.2
117.5°	19.8	23.8	27.8	31.6	35.5	39.4	43.6	48.2	53.6	60.0	67.1
120°	21.3	25.3	28.7	32.3	35.9	39.9	44.1	48.5	53.1	58.0	65.4
122.5°	21.7	26.2	29.6	33.0	36.7	40.5	44.4	48.6	53.1	58.4	64.4
125°	21.9	26.3	30.6	33.9	37.3	40.7	44.6	48.8	53.5	58.6	64.3
127.5°	22.0	26.4	30.6	34.1	37.4	41.1	44.9	49.1	53.6	58.5	64.0
130°	21.6	25.7	29.9	34.4	38.0	41.3	45.0	49.0	53.4	58.1	63.2
132.5°	21.3	25.5	29.6	33.7	37.7	41.0	44.6	48.5	52.5	57.1	62.1
135°	20.9	24.7	28.6	32.5	36.5	40.2	43.5	47.1	51.3	55.8	60.5
137.5°	20.2	23.9	27.6	31.2	34.7	38.1	41.7	45.6	49.6	53.7	58.2
140°	19.3	22.7	26.1	29.5	33.0	36.6	40.0	43.3	47.0	50.7	54.6
142.5°	18.3	21.7	25.0	28.3	31.5	34.6	37.6	40.4	43.0	46.5	50.6
145°	17.4	20.5	23.6	26.6	29.4	32.1	34.8	37.4	40.1	42.7	46.0
147.5°	16.2	19.0	21.8	24.4	27.0	29.6	32.2	34.8	37.3	39.9	42.4
150°	14.8	17.3	19.9	22.3	24.8	27.3	29.8	32.3	34.7	37.3	39.9
152.5°	13.3	15.8	18.2	20.6	22.9	25.3	27.7	30.2	32.6	35.0	37.6
155°	12.3	14.6	16.9	19.1	21.4	23.6	26.0	28.3	30.7	33.1	35.4
157.5°	11.5	13.6	15.8	17.9	20.1	22.2	24.4	26.5	28.7	30.9	33.0
160°	10.7	12.7	14.7	16.7	18.6	20.6	22.6	24.6	26.8	28.9	31.1
162.5°	9.9	11.8	13.6	15.5	17.3	19.2	21.1	23.1	24.9	26.7	28.5
165°	9.2	10.8	12.5	14.1	15.7	17.4	19.0	20.6	22.2	23.8	25.4
167.5°	8.1	9.5	11.0	12.4	13.8	15.2	16.6	18.0	19.4	20.8	22.2
170°	7.0	8.2	9.3	10.5	11.7	12.8	14.0	15.1	16.2	17.3	18.4
172.5°	5.6	6.5	7.4	8.4	9.2	10.1	11.0	11.9	12.7	13.5	14.3
175°	4.2	4.8	5.4	6.1	6.7	7.4	8.0	8.6	9.2	9.8	10.4
177.5°	3.4	3.8	4.1	4.4	4.7	5.0	5.3	5.6	5.9	6.2	6.5
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: P232057

CATALOG NUMBER: FVS4WM-3-LD4-35-2STD-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°	6.8	7.1	7.3	7.6	7.8	8.1	8.3	8.5	8.7	8.9	9.1
5°	11.0	11.5	12.1	12.6	13.1	13.6	14.1	14.5	15.0	15.4	15.8
7.5°	15.1	15.8	16.6	17.3	18.0	18.8	19.5	20.2	20.8	21.5	22.1
10°	19.5	20.5	21.4	22.4	23.3	24.2	25.0	25.8	26.6	27.4	28.2
12.5°	23.5	24.7	26.0	27.2	28.4	29.6	30.6	31.6	32.6	33.5	34.4
15°	27.0	28.6	30.1	31.7	33.1	34.5	35.9	37.2	38.5	39.6	40.7
17.5°	30.2	32.0	33.8	35.6	37.4	39.2	40.9	42.5	44.0	45.5	46.9
20°	33.4	35.4	37.4	39.3	41.3	43.3	45.3	47.4	49.3	51.0	52.7
22.5°	35.4	37.9	40.5	43.0	45.2	47.3	49.5	51.7	54.1	56.4	58.3
25°	37.8	40.2	42.7	45.5	48.5	51.3	53.7	56.1	58.5	61.1	65.3
27.5°	40.2	42.8	45.5	48.1	50.9	54.2	59.2	64.1	68.7	73.5	78.5
30°	42.4	45.3	48.1	52.2	57.0	62.0	67.7	73.8	79.7	85.2	90.9
32.5°	45.0	49.1	53.7	58.8	64.0	69.6	75.5	82.1	89.2	96.0	102.6
35°	50.2	54.5	59.4	64.6	70.3	76.3	82.7	89.6	97.3	105.7	113.5
37.5°	55.1	59.7	64.5	69.9	75.8	82.3	89.2	96.7	104.7	113.9	123.5
40°	59.0	64.0	69.3	74.8	80.8	87.7	95.1	103.0	111.8	121.3	132.2
42.5°	62.6	67.5	73.3	79.4	85.6	92.6	100.5	109.0	118.2	128.6	140.1
45°	65.6	70.8	76.3	83.1	90.1	97.1	105.4	114.5	124.4	135.3	147.3
47.5°	67.5	73.4	79.4	85.9	93.7	101.7	109.7	119.6	130.2	141.4	154.6
50°	68.9	75.1	81.8	88.8	96.6	105.6	114.5	124.2	134.8	145.9	158.0
52.5°	69.9	76.4	83.5	91.2	99.3	109.3	119.0	127.8	138.3	149.4	161.2
55°	70.5	77.4	85.1	94.6	104.6	114.6	124.2	133.0	142.3	153.2	165.1
57.5°	71.0	79.6	88.8	98.6	109.6	120.4	130.2	138.8	146.7	157.5	169.5
60°	73.5	82.3	92.0	102.5	114.1	126.0	137.2	145.3	152.8	162.4	174.1
62.5°	75.8	85.0	95.1	106.2	118.1	131.5	143.7	152.5	159.5	167.7	178.9
65°	77.8	87.6	98.0	109.6	122.3	136.3	150.0	160.4	166.7	173.4	184.0
67.5°	79.9	90.0	101.1	113.1	126.3	141.0	156.3	169.0	174.5	180.0	189.9
70°	82.0	92.5	104.1	116.6	130.3	145.5	162.6	177.0	182.9	187.1	194.6
72.5°	84.1	95.0	107.1	120.2	134.2	148.8	164.3	177.3	183.6	187.6	194.7
75°	86.2	96.7	107.8	119.9	133.4	148.3	162.9	175.4	183.2	188.0	195.0
77.5°	86.3	96.1	106.7	118.8	132.8	148.1	162.6	174.1	182.7	188.3	195.5
80°	86.8	96.1	106.2	118.0	132.3	148.5	163.2	173.3	182.1	188.4	196.3
82.5°	87.7	96.9	106.3	117.7	132.2	149.2	164.6	173.1	181.4	188.6	197.3
85°	89.2	98.3	106.9	117.8	132.6	150.5	166.6	173.3	180.8	188.8	198.5
87.5°	91.1	100.2	108.1	118.4	133.4	152.3	169.1	173.8	180.2	189.2	199.8
90°	93.5	102.5	109.7	119.6	134.9	154.7	171.8	174.5	179.9	189.7	201.4
92.5°	91.1	100.2	108.1	118.4	133.4	152.3	169.1	173.8	180.2	189.2	199.8
95°	89.2	98.3	106.9	117.8	132.6	150.5	166.6	173.3	180.8	188.8	198.5
97.5°	87.7	96.9	106.3	117.7	132.2	149.2	164.6	173.1	181.4	188.6	197.3
100°	86.8	96.1	106.2	118.0	132.3	148.5	163.2	173.3	182.1	188.4	196.3
102.5°	86.3	96.1	106.7	118.8	132.8	148.1	162.6	174.1	182.7	188.3	195.5
105°	86.2	96.7	107.8	119.9	133.4	148.3	162.9	175.4	183.2	188.0	195.0
107.5°	84.1	95.0	107.1	120.2	134.2	148.8	164.3	177.3	183.6	187.6	194.7
110°	82.0	92.5	104.1	116.6	130.3	145.5	162.6	177.0	182.9	187.1	194.6



TEST NUMBER: P232057

CATALOG NUMBER: FVS4WM-3-LD4-35-2STD-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
112.5°	79.9	90.0	101.1	113.1	126.3	141.0	156.3	169.0	174.5	180.0	189.9
115°	77.8	87.6	98.0	109.6	122.3	136.3	150.0	160.4	166.7	173.4	184.0
117.5°	75.8	85.0	95.1	106.2	118.1	131.5	143.7	152.5	159.5	167.7	178.9
120°	73.5	82.3	92.0	102.5	114.1	126.0	137.2	145.3	152.8	162.4	174.1
122.5°	71.0	79.6	88.8	98.6	109.6	120.4	130.2	138.8	146.7	157.5	169.5
125°	70.5	77.4	85.1	94.6	104.6	114.6	124.2	133.0	142.3	153.2	165.1
127.5°	69.9	76.4	83.5	91.2	99.3	109.3	119.0	127.8	138.3	149.4	161.2
130°	68.9	75.1	81.8	88.8	96.6	105.6	114.5	124.2	134.8	145.9	158.0
132.5°	67.5	73.4	79.4	85.9	93.7	101.7	109.7	119.6	130.2	141.4	154.6
135°	65.6	70.8	76.3	83.1	90.1	97.1	105.4	114.5	124.4	135.3	147.3
137.5°	62.6	67.5	73.3	79.4	85.6	92.6	100.5	109.0	118.2	128.6	140.1
140°	59.0	64.0	69.3	74.8	80.8	87.7	95.1	103.0	111.8	121.3	132.2
142.5°	55.1	59.7	64.5	69.9	75.8	82.3	89.2	96.7	104.7	113.9	123.5
145°	50.2	54.5	59.4	64.6	70.3	76.3	82.7	89.6	97.3	105.7	113.5
147.5°	45.0	49.1	53.7	58.8	64.0	69.6	75.5	82.1	89.2	96.0	102.6
150°	42.4	45.3	48.1	52.2	57.0	62.0	67.7	73.8	79.7	85.2	90.9
152.5°	40.2	42.8	45.5	48.1	50.9	54.2	59.2	64.1	68.7	73.5	78.5
155°	37.8	40.2	42.7	45.5	48.5	51.3	53.7	56.1	58.5	61.1	65.3
157.5°	35.4	37.9	40.5	43.0	45.2	47.3	49.5	51.7	54.1	56.4	58.3
160°	33.4	35.4	37.4	39.3	41.3	43.3	45.3	47.4	49.3	51.0	52.7
162.5°	30.2	32.0	33.8	35.6	37.4	39.2	40.9	42.5	44.0	45.5	46.9
165°	27.0	28.6	30.1	31.7	33.1	34.5	35.9	37.2	38.5	39.6	40.7
167.5°	23.5	24.7	26.0	27.2	28.4	29.6	30.6	31.6	32.6	33.5	34.4
170°	19.5	20.5	21.4	22.4	23.3	24.2	25.0	25.8	26.6	27.4	28.2
172.5°	15.1	15.8	16.6	17.3	18.0	18.8	19.5	20.2	20.8	21.5	22.1
175°	11.0	11.5	12.1	12.6	13.1	13.6	14.1	14.5	15.0	15.4	15.8
177.5°	6.8	7.1	7.3	7.6	7.8	8.1	8.3	8.5	8.7	8.9	9.1
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: P232057

CATALOG NUMBER: FVS4WM-3-LD4-35-2STD-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°	9.3	9.4	9.6	9.7	9.8	9.9	10.0	10.1	10.1	10.2	11.2
5°	16.2	16.5	16.9	17.2	17.5	17.8	18.0	18.2	18.4	18.6	20.6
7.5°	22.6	23.2	23.8	24.3	24.9	25.4	25.8	26.2	26.6	27.0	30.0
10°	29.0	29.8	30.4	31.1	31.9	32.7	33.4	34.1	34.8	35.4	39.4
12.5°	35.3	36.2	37.1	38.0	38.7	39.7	40.8	41.9	42.8	43.7	48.7
15°	41.7	42.7	43.7	44.7	45.7	46.7	48.0	49.5	50.8	52.1	58.1
17.5°	48.1	49.2	50.3	51.4	52.6	53.7	55.1	57.0	58.8	60.5	67.4
20°	54.3	55.7	56.9	58.1	59.5	60.8	62.0	64.3	66.7	68.9	76.6
22.5°	60.2	62.1	63.5	64.9	66.2	67.8	69.2	71.6	74.5	77.3	85.8
25°	69.2	72.8	76.3	79.6	82.6	85.8	88.7	92.2	96.6	100.6	110.2
27.5°	83.6	88.1	92.5	96.7	100.9	104.9	108.9	113.0	118.6	123.9	134.6
30°	96.9	102.8	108.0	113.1	118.4	123.5	128.6	133.5	140.5	147.2	159.1
32.5°	109.3	116.4	122.9	128.9	135.3	141.7	148.1	154.1	162.3	170.5	183.6
35°	121.1	129.2	137.3	144.3	151.6	159.5	167.1	174.5	183.9	193.7	208.1
37.5°	132.3	141.3	150.7	159.3	167.6	176.7	185.9	194.8	205.5	217.0	232.7
40°	142.8	152.8	163.5	173.8	183.0	193.5	204.4	214.8	226.9	240.3	257.2
42.5°	152.6	164.0	175.7	188.3	198.4	209.9	223.0	234.6	248.2	263.6	281.8
45°	161.2	174.5	187.5	201.2	213.5	225.9	240.4	254.3	269.5	286.9	306.4
47.5°	168.7	182.3	194.5	207.2	219.4	231.4	247.0	262.5	279.4	298.9	320.3
50°	170.9	184.4	196.5	208.9	221.6	234.8	252.2	270.0	289.1	310.9	334.3
52.5°	174.1	187.0	199.1	211.0	223.6	238.2	257.1	277.3	298.7	322.9	348.2
55°	177.9	190.4	202.1	213.5	225.8	241.5	261.7	284.4	308.3	334.9	362.2
57.5°	182.2	194.5	205.7	216.4	228.4	244.7	266.3	291.3	317.8	346.8	376.1
60°	186.8	199.4	210.1	219.9	231.3	247.7	270.6	298.1	327.3	358.8	390.1
62.5°	191.8	204.7	214.2	223.7	234.5	250.7	274.9	304.8	336.8	370.8	404.1
65°	197.1	209.9	219.3	227.9	237.9	253.6	279.1	311.5	346.2	382.8	418.1
67.5°	202.6	215.6	224.9	232.4	241.6	256.5	283.3	318.0	355.6	394.8	432.1
70°	205.7	217.2	225.4	231.6	240.3	254.5	280.4	315.2	353.9	394.0	435.4
72.5°	204.6	215.0	223.0	228.6	237.8	252.1	277.3	312.2	352.1	393.2	438.7
75°	204.2	213.4	220.8	225.7	235.2	249.8	274.4	309.3	350.4	392.4	443.7
77.5°	204.3	212.1	218.8	222.8	232.7	247.8	271.8	306.6	348.7	391.6	446.4
80°	204.8	211.2	217.0	220.0	230.2	246.1	269.4	304.0	347.2	390.8	449.2
82.5°	205.7	210.5	215.2	217.2	227.8	244.5	267.1	301.5	345.7	390.0	452.0
85°	206.8	210.0	213.6	214.5	225.4	243.2	265.1	299.2	344.3	389.2	454.8
87.5°	208.1	209.7	212.0	211.9	223.2	242.0	263.3	297.0	342.9	388.4	457.6
90°	209.5	209.5	210.4	209.5	221.2	241.0	261.7	295.0	341.7	387.6	460.4
92.5°	208.1	209.7	212.0	211.9	223.2	242.0	263.3	297.0	342.9	388.4	457.6
95°	206.8	210.0	213.6	214.5	225.4	243.2	265.1	299.2	344.3	389.2	454.8
97.5°	205.7	210.5	215.2	217.2	227.8	244.5	267.1	301.5	345.7	390.0	452.0
100°	204.8	211.2	217.0	220.0	230.2	246.1	269.4	304.0	347.2	390.8	449.2
102.5°	204.3	212.1	218.8	222.8	232.7	247.8	271.8	306.6	348.7	391.6	446.4
105°	204.2	213.4	220.8	225.7	235.2	249.8	274.4	309.3	350.4	392.4	443.7
107.5°	204.6	215.0	223.0	228.6	237.8	252.1	277.3	312.2	352.1	393.2	438.7
110°	205.7	217.2	225.4	231.6	240.3	254.5	280.4	315.2	353.9	394.0	435.4





TEST NUMBER: P232057

CATALOG NUMBER: FVS4WM-3-LD4-35-2STD-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°	202.6	215.6	224.9	232.4	241.6	256.5	283.3	318.0	355.6	394.8	432.1
115°	197.1	209.9	219.3	227.9	237.9	253.6	279.1	311.5	346.2	382.8	418.1
117.5°	191.8	204.7	214.2	223.7	234.5	250.7	274.9	304.8	336.8	370.8	404.1
120°	186.8	199.4	210.1	219.9	231.3	247.7	270.6	298.1	327.3	358.8	390.1
122.5°	182.2	194.5	205.7	216.4	228.4	244.7	266.3	291.3	317.8	346.8	376.1
125°	177.9	190.4	202.1	213.5	225.8	241.5	261.7	284.4	308.3	334.9	362.2
127.5°	174.1	187.0	199.1	211.0	223.6	238.2	257.1	277.3	298.7	322.9	348.2
130°	170.9	184.4	196.5	208.9	221.6	234.8	252.2	270.0	289.1	310.9	334.3
132.5°	168.7	182.3	194.5	207.2	219.4	231.4	247.0	262.5	279.4	298.9	320.3
135°	161.2	174.5	187.5	201.2	213.5	225.9	240.4	254.3	269.5	286.9	306.4
137.5°	152.6	164.0	175.7	188.3	198.4	209.9	223.0	234.6	248.2	263.6	281.8
140°	142.8	152.8	163.5	173.8	183.0	193.5	204.4	214.8	226.9	240.3	257.2
142.5°	132.3	141.3	150.7	159.3	167.6	176.7	185.9	194.8	205.5	217.0	232.7
145°	121.1	129.2	137.3	144.3	151.6	159.5	167.1	174.5	183.9	193.7	208.1
147.5°	109.3	116.4	122.9	128.9	135.3	141.7	148.1	154.1	162.3	170.5	183.6
150°	96.9	102.8	108.0	113.1	118.4	123.5	128.6	133.5	140.5	147.2	159.1
152.5°	83.6	88.1	92.5	96.7	100.9	104.9	108.9	113.0	118.6	123.9	134.6
155°	69.2	72.8	76.3	79.6	82.6	85.8	88.7	92.2	96.6	100.6	110.2
157.5°	60.2	62.1	63.5	64.9	66.2	67.8	69.2	71.6	74.5	77.3	85.8
160°	54.3	55.7	56.9	58.1	59.5	60.8	62.0	64.3	66.7	68.9	76.6
162.5°	48.1	49.2	50.3	51.4	52.6	53.7	55.1	57.0	58.8	60.5	67.4
165°	41.7	42.7	43.7	44.7	45.7	46.7	48.0	49.5	50.8	52.1	58.1
167.5°	35.3	36.2	37.1	38.0	38.7	39.7	40.8	41.9	42.8	43.7	48.7
170°	29.0	29.8	30.4	31.1	31.9	32.7	33.4	34.1	34.8	35.4	39.4
172.5°	22.6	23.2	23.8	24.3	24.9	25.4	25.8	26.2	26.6	27.0	30.0
175°	16.2	16.5	16.9	17.2	17.5	17.8	18.0	18.2	18.4	18.6	20.6
177.5°	9.3	9.4	9.6	9.7	9.8	9.9	10.0	10.1	10.1	10.2	11.2
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: P232057

CATALOG NUMBER: FVS4WM-3-LD4-35-2STD-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°	12.3	13.3	14.2	15.2	16.1	17.0	17.9	18.8	19.6	20.4	21.1
5°	22.7	24.7	26.6	28.5	30.4	32.2	33.9	35.6	37.2	38.8	40.3
7.5°	33.1	36.0	38.9	41.7	44.5	47.2	49.9	53.1	56.2	59.2	62.0
10°	43.4	47.3	51.1	54.8	58.7	63.2	67.5	71.8	75.9	79.9	83.9
12.5°	53.7	58.5	63.2	68.3	74.0	79.6	85.1	90.3	95.3	100.0	104.4
15°	63.9	69.6	75.4	82.4	89.3	95.9	102.4	108.6	114.5	120.2	126.4
17.5°	74.1	80.7	88.3	96.4	104.4	112.1	119.7	127.0	134.1	140.3	145.9
20°	84.2	91.8	101.2	110.4	119.4	128.5	137.3	145.8	153.1	160.1	166.7
22.5°	94.2	103.4	113.9	124.2	134.7	145.1	155.1	163.9	172.3	179.9	185.7
25°	119.3	129.4	139.9	150.0	160.1	169.8	178.2	186.0	192.9	197.8	204.2
27.5°	144.9	156.3	167.5	178.3	188.8	198.2	206.6	214.2	219.6	224.6	225.5
30°	170.6	183.0	195.2	206.0	217.4	225.5	233.9	240.1	245.6	247.3	247.5
32.5°	196.4	209.5	221.9	233.1	243.2	251.8	259.2	265.2	268.6	269.3	269.7
35°	222.1	235.9	248.3	259.5	268.8	277.8	283.7	289.1	290.4	291.3	291.9
37.5°	247.7	262.1	274.3	285.2	293.6	301.2	307.5	310.8	312.5	313.4	314.5
40°	273.2	288.1	299.7	309.7	317.7	324.5	330.3	332.4	334.1	335.4	338.0
42.5°	298.5	313.8	324.6	333.6	340.9	347.4	351.7	354.0	355.9	358.0	360.6
45°	323.8	338.7	349.2	356.9	363.5	369.7	373.1	375.6	377.6	380.0	383.7
47.5°	340.4	358.3	372.7	382.8	391.7	398.4	400.4	399.5	399.3	401.7	406.3
50°	357.0	378.2	396.8	411.1	425.6	437.3	444.7	448.8	449.7	446.8	441.8
52.5°	373.8	398.8	421.8	440.7	462.0	479.0	492.1	501.7	508.1	506.8	503.3
55°	390.8	420.1	447.7	472.2	500.4	523.2	542.3	558.1	569.0	567.2	562.4
57.5°	408.0	442.0	474.5	505.6	540.7	569.8	595.2	617.6	629.0	626.9	619.4
60°	425.4	464.5	502.1	540.3	582.2	618.4	650.5	680.0	689.4	684.3	674.7
62.5°	442.9	487.4	530.3	576.3	625.2	668.5	707.9	744.9	750.2	740.0	726.7
65°	460.5	510.7	559.1	613.3	669.4	720.2	767.3	807.0	811.0	794.2	775.5
67.5°	478.2	534.3	588.3	651.1	714.8	773.1	828.2	867.0	867.2	846.4	821.5
70°	482.4	539.7	594.9	662.0	730.6	797.4	863.9	908.1	913.3	894.3	867.6
72.5°	486.0	543.2	597.6	665.5	734.2	803.5	873.8	919.3	931.7	918.9	898.0
75°	489.4	546.3	599.8	668.1	736.9	809.2	883.3	932.6	954.0	945.0	927.5
77.5°	492.6	549.0	601.4	669.9	738.8	814.4	892.2	947.4	979.4	972.3	957.7
80°	497.0	551.3	602.6	670.9	739.8	818.8	900.2	963.2	1007.1	1000.7	988.5
82.5°	499.1	554.6	604.9	671.1	740.0	822.4	907.4	979.5	1036.3	1030.0	1019.8
85°	501.2	555.3	604.1	671.8	741.0	827.5	916.3	998.6	1066.1	1060.1	1051.6
87.5°	503.3	556.0	603.3	669.6	738.3	827.4	919.0	1011.9	1096.5	1090.5	1083.6
90°	505.4	556.7	602.5	667.3	735.6	827.3	921.8	1025.2	1124.1	1121.4	1116.0
92.5°	503.3	556.0	603.3	669.6	738.3	827.4	919.0	1011.9	1096.5	1090.5	1083.6
95°	501.2	555.3	604.1	671.8	741.0	827.5	916.3	998.6	1066.1	1060.1	1051.6
97.5°	499.1	554.6	604.9	671.1	740.0	822.4	907.4	979.5	1036.3	1030.0	1019.8
100°	497.0	551.3	602.6	670.9	739.8	818.8	900.2	963.2	1007.1	1000.7	988.5
102.5°	492.6	549.0	601.4	669.9	738.8	814.4	892.2	947.4	979.4	972.3	957.7
105°	489.4	546.3	599.8	668.1	736.9	809.2	883.3	932.6	954.0	945.0	927.5
107.5°	486.0	543.2	597.6	665.5	734.2	803.5	873.8	919.3	931.7	918.9	898.0
110°	482.4	539.7	594.9	662.0	730.6	797.4	863.9	908.1	913.3	894.3	867.6



TEST NUMBER: P232057

CATALOG NUMBER: FVS4WM-3-LD4-35-2STD-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
112.5°	478.2	534.3	588.3	651.1	714.8	773.1	828.2	867.0	867.2	846.4	821.5
115°	460.5	510.7	559.1	613.3	669.4	720.2	767.3	807.0	811.0	794.2	775.5
117.5°	442.9	487.4	530.3	576.3	625.2	668.5	707.9	744.9	750.2	740.0	726.7
120°	425.4	464.5	502.1	540.3	582.2	618.4	650.5	680.0	689.4	684.3	674.7
122.5°	408.0	442.0	474.5	505.6	540.7	569.8	595.2	617.6	629.0	626.9	619.4
125°	390.8	420.1	447.7	472.2	500.4	523.2	542.3	558.1	569.0	567.2	562.4
127.5°	373.8	398.8	421.8	440.7	462.0	479.0	492.1	501.7	508.1	506.8	503.3
130°	357.0	378.2	396.8	411.1	425.6	437.3	444.7	448.8	449.7	446.8	441.8
132.5°	340.4	358.3	372.7	382.8	391.7	398.4	400.4	399.5	399.3	401.7	406.3
135°	323.8	338.7	349.2	356.9	363.5	369.7	373.1	375.6	377.6	380.0	383.7
137.5°	298.5	313.8	324.6	333.6	340.9	347.4	351.7	354.0	355.9	358.0	360.6
140°	273.2	288.1	299.7	309.7	317.7	324.5	330.3	332.4	334.1	335.4	338.0
142.5°	247.7	262.1	274.3	285.2	293.6	301.2	307.5	310.8	312.5	313.4	314.5
145°	222.1	235.9	248.3	259.5	268.8	277.8	283.7	289.1	290.4	291.3	291.9
147.5°	196.4	209.5	221.9	233.1	243.2	251.8	259.2	265.2	268.6	269.3	269.7
150°	170.6	183.0	195.2	206.0	217.4	225.5	233.9	240.1	245.6	247.3	247.5
152.5°	144.9	156.3	167.5	178.3	188.8	198.2	206.6	214.2	219.6	224.6	225.5
155°	119.3	129.4	139.9	150.0	160.1	169.8	178.2	186.0	192.9	197.8	204.2
157.5°	94.2	103.4	113.9	124.2	134.7	145.1	155.1	163.9	172.3	179.9	185.7
160°	84.2	91.8	101.2	110.4	119.4	128.5	137.3	145.8	153.1	160.1	166.7
162.5°	74.1	80.7	88.3	96.4	104.4	112.1	119.7	127.0	134.1	140.3	145.9
165°	63.9	69.6	75.4	82.4	89.3	95.9	102.4	108.6	114.5	120.2	126.4
167.5°	53.7	58.5	63.2	68.3	74.0	79.6	85.1	90.3	95.3	100.0	104.4
170°	43.4	47.3	51.1	54.8	58.7	63.2	67.5	71.8	75.9	79.9	83.9
172.5°	33.1	36.0	38.9	41.7	44.5	47.2	49.9	53.1	56.2	59.2	62.0
175°	22.7	24.7	26.6	28.5	30.4	32.2	33.9	35.6	37.2	38.8	40.3
177.5°	12.3	13.3	14.2	15.2	16.1	17.0	17.9	18.8	19.6	20.4	21.1
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: P232057

CATALOG NUMBER: FVS4WM-3-LD4-35-2STD-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°	21.8	22.5	23.2	23.7	24.3	24.8	25.3	25.7	26.1	26.4	26.7
5°	42.1	43.8	45.5	47.1	48.5	49.9	51.2	52.4	53.4	54.4	55.2
7.5°	64.8	67.4	69.9	72.2	74.4	76.1	77.7	79.2	80.5	81.7	82.7
10°	87.0	90.2	93.1	95.9	98.5	100.8	103.0	104.8	106.1	107.3	108.3
12.5°	108.7	112.6	116.3	119.3	122.0	124.5	126.7	128.6	130.3	131.7	132.9
15°	130.2	134.4	138.3	141.9	145.2	147.8	150.3	152.5	154.5	156.2	157.8
17.5°	151.3	157.0	160.2	163.9	167.3	170.5	173.5	176.5	179.5	182.4	185.3
20°	171.9	176.6	181.1	185.0	188.2	191.6	195.0	198.6	202.5	206.3	210.3
22.5°	191.2	196.0	199.0	202.2	205.7	209.5	213.6	217.9	222.9	229.1	235.2
25°	207.7	210.1	213.4	216.4	220.2	224.3	230.8	237.7	244.8	252.4	260.9
27.5°	225.2	224.6	224.1	227.4	233.6	240.8	249.1	257.6	267.2	276.9	287.5
30°	247.4	247.0	246.9	249.1	251.0	256.5	266.8	277.4	289.8	302.4	315.7
32.5°	269.8	270.6	273.2	275.9	280.6	284.9	290.8	298.3	312.8	330.0	347.1
35°	293.1	295.9	299.4	304.5	310.0	317.3	324.2	334.8	344.4	363.1	389.4
37.5°	317.4	321.0	326.4	333.0	341.3	351.3	363.7	377.9	398.5	419.9	442.8
40°	341.1	346.7	353.6	362.7	375.0	389.3	409.8	433.3	459.9	488.6	517.0
42.5°	365.7	372.0	381.9	395.1	411.3	435.8	462.2	494.5	529.4	561.4	594.7
45°	389.1	398.9	411.7	429.8	456.0	485.2	521.1	557.4	596.9	637.0	680.7
47.5°	414.2	424.9	444.7	470.5	502.4	540.2	579.9	623.4	669.5	717.6	767.3
50°	441.0	456.1	479.4	513.8	552.2	593.7	641.0	691.2	745.9	798.0	853.2
52.5°	501.7	509.0	529.3	558.1	602.2	650.1	702.7	760.4	816.3	876.2	939.4
55°	561.7	569.5	591.7	619.9	659.3	706.4	762.6	823.3	885.7	951.0	1024.8
57.5°	617.1	627.2	647.6	677.2	719.9	770.5	825.6	884.9	950.1	1024.2	1106.1
60°	669.6	679.0	699.2	732.7	777.0	828.7	885.5	946.8	1014.9	1090.7	1185.8
62.5°	721.1	728.0	746.3	782.1	829.4	881.8	939.4	1003.3	1078.6	1165.0	1261.6
65°	768.1	773.0	793.1	829.3	876.5	928.0	987.1	1058.7	1140.5	1232.6	1337.1
67.5°	810.9	813.4	835.0	872.8	918.5	970.0	1031.6	1107.9	1194.7	1294.0	1419.4
70°	851.9	850.7	872.3	911.8	954.7	1006.6	1074.1	1153.6	1242.8	1348.5	1492.3
72.5°	886.0	886.9	908.0	946.1	986.0	1040.0	1110.8	1190.8	1282.2	1401.0	1544.7
75°	916.8	917.7	936.5	968.1	1006.8	1063.1	1139.3	1220.8	1311.5	1438.4	1594.9
77.5°	946.9	945.6	960.8	985.1	1020.9	1078.3	1155.1	1242.8	1344.9	1476.0	1636.4
80°	976.5	971.2	981.6	998.1	1030.9	1088.2	1167.7	1261.3	1372.1	1513.0	1677.6
82.5°	1005.8	995.1	999.6	1007.8	1037.3	1093.2	1176.7	1276.1	1391.4	1538.2	1712.3
85°	1035.1	1017.9	1015.6	1015.2	1040.9	1094.1	1181.9	1286.5	1403.0	1551.8	1738.4
87.5°	1064.3	1039.9	1030.3	1021.1	1042.7	1092.7	1185.2	1294.9	1410.6	1559.3	1760.9
90°	1094.4	1063.0	1045.0	1027.0	1042.3	1086.3	1179.9	1292.3	1404.7	1547.7	1757.2
92.5°	1064.3	1039.9	1030.3	1021.1	1042.7	1092.7	1185.2	1294.9	1410.6	1559.3	1760.9
95°	1035.1	1017.9	1015.6	1015.2	1040.9	1094.1	1181.9	1286.5	1403.0	1551.8	1738.4
97.5°	1005.8	995.1	999.6	1007.8	1037.3	1093.2	1176.7	1276.1	1391.4	1538.2	1712.3
100°	976.5	971.2	981.6	998.1	1030.9	1088.2	1167.7	1261.3	1372.1	1513.0	1677.6
102.5°	946.9	945.6	960.8	985.1	1020.9	1078.3	1155.1	1242.8	1344.9	1476.0	1636.4
105°	916.8	917.7	936.5	968.1	1006.8	1063.1	1139.3	1220.8	1311.5	1438.4	1594.9
107.5°	886.0	886.9	908.0	946.1	986.0	1040.0	1110.8	1190.8	1282.2	1401.0	1544.7
110°	851.9	850.7	872.3	911.8	954.7	1006.6	1074.1	1153.6	1242.8	1348.5	1492.3



TEST NUMBER: P232057

CATALOG NUMBER: FVS4WM-3-LD4-35-2STD-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°	810.9	813.4	835.0	872.8	918.5	970.0	1031.6	1107.9	1194.7	1294.0	1419.4
115°	768.1	773.0	793.1	829.3	876.5	928.0	987.1	1058.7	1140.5	1232.6	1337.1
117.5°	721.1	728.0	746.3	782.1	829.4	881.8	939.4	1003.3	1078.6	1165.0	1261.6
120°	669.6	679.0	699.2	732.7	777.0	828.7	885.5	946.8	1014.9	1090.7	1185.8
122.5°	617.1	627.2	647.6	677.2	719.9	770.5	825.6	884.9	950.1	1024.2	1106.1
125°	561.7	569.5	591.7	619.9	659.3	706.4	762.6	823.3	885.7	951.0	1024.8
127.5°	501.7	509.0	529.3	558.1	602.2	650.1	702.7	760.4	816.3	876.2	939.4
130°	441.0	456.1	479.4	513.8	552.2	593.7	641.0	691.2	745.9	798.0	853.2
132.5°	414.2	424.9	444.7	470.5	502.4	540.2	579.9	623.4	669.5	717.6	767.3
135°	389.1	398.9	411.7	429.8	456.0	485.2	521.1	557.4	596.9	637.0	680.7
137.5°	365.7	372.0	381.9	395.1	411.3	435.8	462.2	494.5	529.4	561.4	594.7
140°	341.1	346.7	353.6	362.7	375.0	389.3	409.8	433.3	459.9	488.6	517.0
142.5°	317.4	321.0	326.4	333.0	341.3	351.3	363.7	377.9	398.5	419.9	442.8
145°	293.1	295.9	299.4	304.5	310.0	317.3	324.2	334.8	344.4	363.1	389.4
147.5°	269.8	270.6	273.2	275.9	280.6	284.9	290.8	298.3	312.8	330.0	347.1
150°	247.4	247.0	246.9	249.1	251.0	256.5	266.8	277.4	289.8	302.4	315.7
152.5°	225.2	224.6	224.1	227.4	233.6	240.8	249.1	257.6	267.2	276.9	287.5
155°	207.7	210.1	213.4	216.4	220.2	224.3	230.8	237.7	244.8	252.4	260.9
157.5°	191.2	196.0	199.0	202.2	205.7	209.5	213.6	217.9	222.9	229.1	235.2
160°	171.9	176.6	181.1	185.0	188.2	191.6	195.0	198.6	202.5	206.3	210.3
162.5°	151.3	157.0	160.2	163.9	167.3	170.5	173.5	176.5	179.5	182.4	185.3
165°	130.2	134.4	138.3	141.9	145.2	147.8	150.3	152.5	154.5	156.2	157.8
167.5°	108.7	112.6	116.3	119.3	122.0	124.5	126.7	128.6	130.3	131.7	132.9
170°	87.0	90.2	93.1	95.9	98.5	100.8	103.0	104.8	106.1	107.3	108.3
172.5°	64.8	67.4	69.9	72.2	74.4	76.1	77.7	79.2	80.5	81.7	82.7
175°	42.1	43.8	45.5	47.1	48.5	49.9	51.2	52.4	53.4	54.4	55.2
177.5°	21.8	22.5	23.2	23.7	24.3	24.8	25.3	25.7	26.1	26.4	26.7
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):**

	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°	27.0	27.1	27.3	27.4	27.4	27.4	28.2	27.9	27.5	27.2	26.8
5°	56.0	56.6	57.1	57.5	57.8	57.9	58.0	57.9	58.6	57.9	57.2
7.5°	83.5	84.2	84.7	85.0	85.2	85.2	85.1	84.8	84.3	84.3	83.2
10°	109.0	109.6	109.9	110.0	110.0	109.7	109.3	108.6	107.7	107.5	105.8
12.5°	133.8	134.6	135.0	135.3	135.3	135.1	134.6	133.9	133.0	131.8	130.8
15°	159.9	161.8	163.5	165.1	166.4	167.6	168.4	169.0	169.2	169.1	169.5
17.5°	188.2	191.1	193.9	196.5	198.9	201.1	203.0	204.7	206.0	206.9	208.4
20°	214.2	218.4	223.0	227.4	231.5	235.2	238.6	241.6	244.2	246.3	249.1
22.5°	241.2	247.1	253.5	259.8	265.8	271.4	276.5	281.2	285.3	288.8	293.2
25°	269.3	277.5	285.5	294.2	302.4	310.1	317.3	323.9	329.8	335.0	339.3
27.5°	298.5	309.3	319.8	331.0	342.4	353.1	363.1	372.3	380.6	387.8	394.0
30°	329.8	344.5	358.9	372.8	388.6	402.9	415.7	427.1	436.9	445.3	452.1
32.5°	365.6	387.2	407.3	425.8	444.5	462.3	477.9	491.2	502.3	511.2	518.2
35°	414.2	441.2	467.3	490.8	512.0	531.3	547.8	561.5	572.5	580.9	586.8
37.5°	475.9	506.7	536.2	562.4	585.3	608.2	628.0	644.0	656.3	665.0	670.4
40°	545.8	578.9	614.5	647.4	675.8	701.3	723.8	742.0	755.8	765.3	770.7
42.5°	631.7	668.6	707.3	745.0	777.8	806.8	836.4	860.8	880.1	894.1	902.7
45°	723.6	767.4	809.1	854.8	897.0	939.2	969.6	998.9	1021.4	1037.0	1045.9
47.5°	816.6	869.5	923.1	978.8	1031.5	1076.7	1121.2	1163.4	1198.0	1224.4	1242.2
50°	912.8	974.5	1042.4	1110.0	1186.3	1248.1	1303.5	1354.0	1398.7	1436.2	1465.1
52.5°	1009.2	1082.9	1167.5	1255.2	1341.4	1418.2	1483.4	1546.2	1602.8	1651.9	1691.7
55°	1104.1	1197.0	1292.4	1388.6	1484.7	1579.5	1660.3	1727.0	1787.2	1841.7	1888.8
57.5°	1201.6	1303.4	1407.7	1522.0	1637.3	1720.5	1801.8	1874.1	1939.2	1998.8	2051.4
60°	1290.9	1403.4	1532.8	1648.6	1749.5	1838.5	1919.2	1995.9	2064.9	2126.8	2180.7
62.5°	1374.4	1516.4	1641.3	1753.9	1847.2	1937.2	2020.3	2101.6	2169.6	2233.9	2292.5
65°	1476.1	1610.0	1731.2	1831.8	1927.1	2018.9	2105.1	2183.8	2258.9	2327.4	2385.4
67.5°	1560.2	1692.7	1796.1	1894.2	1992.2	2089.9	2180.2	2265.9	2343.7	2406.4	2459.6
70°	1631.0	1756.2	1860.1	1950.8	2053.1	2151.7	2246.7	2334.8	2412.9	2482.8	2536.8
72.5°	1690.5	1816.8	1916.3	2014.0	2107.5	2203.4	2307.5	2399.5	2489.5	2557.1	2602.7
75°	1743.5	1862.6	1963.9	2061.1	2155.8	2260.4	2358.5	2451.3	2532.5	2611.6	2667.2
77.5°	1789.5	1902.9	1998.5	2094.5	2197.2	2303.0	2400.1	2482.2	2577.3	2661.2	2719.0
80°	1822.8	1929.0	2020.3	2118.2	2223.8	2338.8	2429.7	2522.1	2616.3	2699.8	2745.8
82.5°	1850.7	1951.3	2042.3	2138.7	2243.8	2351.9	2451.0	2548.2	2650.1	2727.4	2768.6
85°	1870.4	1965.4	2054.4	2154.7	2262.0	2366.3	2462.0	2559.8	2660.6	2742.3	2793.1
87.5°	1886.1	1971.3	2056.8	2160.5	2265.2	2368.8	2466.3	2569.5	2669.6	2750.5	2790.6
90°	1883.1	1969.4	2050.4	2155.6	2254.5	2357.0	2456.0	2559.4	2662.8	2738.3	2783.3
92.5°	1886.1	1971.3	2056.8	2160.5	2265.2	2368.8	2466.3	2569.5	2669.6	2750.5	2790.6
95°	1870.4	1965.4	2054.4	2154.7	2262.0	2366.3	2462.0	2559.8	2660.6	2742.3	2793.1
97.5°	1850.7	1951.3	2042.3	2138.7	2243.8	2351.9	2451.0	2548.2	2650.1	2727.4	2768.6
100°	1822.8	1929.0	2020.3	2118.2	2223.8	2338.8	2429.7	2522.1	2616.3	2699.8	2745.8
102.5°	1789.5	1902.9	1998.5	2094.5	2197.2	2303.0	2400.1	2482.2	2577.3	2661.2	2719.0
105°	1743.5	1862.6	1963.9	2061.1	2155.8	2260.4	2358.5	2451.3	2532.5	2611.6	2667.2
107.5°	1690.5	1816.8	1916.3	2014.0	2107.5	2203.4	2307.5	2399.5	2489.5	2557.1	2602.7
110°	1631.0	1756.2	1860.1	1950.8	2053.1	2151.7	2246.7	2334.8	2412.9	2482.8	2536.8



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**CANDELA DISTRIBUTION (continued):**

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
112.5°	1560.2	1692.7	1796.1	1894.2	1992.2	2089.9	2180.2	2265.9	2343.7	2406.4	2459.6
115°	1476.1	1610.0	1731.2	1831.8	1927.1	2018.9	2105.1	2183.8	2258.9	2327.4	2385.4
117.5°	1374.4	1516.4	1641.3	1753.9	1847.2	1937.2	2020.3	2101.6	2169.6	2233.9	2292.5
120°	1290.9	1403.4	1532.8	1648.6	1749.5	1838.5	1919.2	1995.9	2064.9	2126.8	2180.7
122.5°	1201.6	1303.4	1407.7	1522.0	1637.3	1720.5	1801.8	1874.1	1939.2	1998.8	2051.4
125°	1104.1	1197.0	1292.4	1388.6	1484.7	1579.5	1660.3	1727.0	1787.2	1841.7	1888.8
127.5°	1009.2	1082.9	1167.5	1255.2	1341.4	1418.2	1483.4	1546.2	1602.8	1651.9	1691.7
130°	912.8	974.5	1042.4	1110.0	1186.3	1248.1	1303.5	1354.0	1398.7	1436.2	1465.1
132.5°	816.6	869.5	923.1	978.8	1031.5	1076.7	1121.2	1163.4	1198.0	1224.4	1242.2
135°	723.6	767.4	809.1	854.8	897.0	939.2	969.6	998.9	1021.4	1037.0	1045.9
137.5°	631.7	668.6	707.3	745.0	777.8	806.8	836.4	860.8	880.1	894.1	902.7
140°	545.8	578.9	614.5	647.4	675.8	701.3	723.8	742.0	755.8	765.3	770.7
142.5°	475.9	506.7	536.2	562.4	585.3	608.2	628.0	644.0	656.3	665.0	670.4
145°	414.2	441.2	467.3	490.8	512.0	531.3	547.8	561.5	572.5	580.9	586.8
147.5°	365.6	387.2	407.3	425.8	444.5	462.3	477.9	491.2	502.3	511.3	518.2
150°	329.8	344.5	358.9	372.8	388.6	402.9	415.7	427.1	436.9	445.3	452.1
152.5°	298.5	309.3	319.8	331.0	342.4	353.1	363.1	372.3	380.6	387.8	394.0
155°	269.3	277.5	285.5	294.2	302.4	310.1	317.3	323.9	329.8	335.0	339.3
157.5°	241.2	247.1	253.5	259.8	265.8	271.4	276.5	281.2	285.3	288.8	293.2
160°	214.2	218.4	223.0	227.4	231.5	235.2	238.6	241.6	244.2	246.3	249.1
162.5°	188.2	191.1	193.9	196.5	198.9	201.1	203.0	204.7	206.0	206.9	208.4
165°	159.9	161.8	163.5	165.1	166.4	167.6	168.4	169.0	169.2	169.1	169.5
167.5°	133.8	134.6	135.0	135.3	135.3	135.1	134.6	133.9	133.0	131.8	130.8
170°	109.0	109.6	109.9	110.0	110.0	109.7	109.3	108.6	107.7	107.5	105.8
172.5°	83.5	84.2	84.7	85.0	85.2	85.2	85.1	84.8	84.3	84.3	83.2
175°	56.0	56.6	57.1	57.5	57.8	57.9	58.0	57.9	58.6	57.9	57.2
177.5°	27.0	27.1	27.3	27.4	27.4	27.4	28.2	27.9	27.5	27.2	26.8
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: P232057

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**CANDELA DISTRIBUTION (continued):**

	357.5°	360°
0°	1.8	1.8
2.5°	26.5	26.1
5°	56.5	55.8
7.5°	82.0	80.9
10°	104.2	102.5
12.5°	128.8	126.8
15°	168.0	166.4
17.5°	207.6	206.8
20°	249.1	249.1
22.5°	294.1	295.0
25°	343.3	345.3
27.5°	399.7	402.9
30°	458.2	461.3
32.5°	524.0	526.1
35°	591.4	591.7
37.5°	673.9	671.8
40°	774.0	769.8
42.5°	908.6	903.8
45°	1051.3	1044.1
47.5°	1255.7	1250.0
50°	1490.2	1491.9
52.5°	1727.5	1737.4
55°	1932.7	1952.4
57.5°	2101.0	2128.6
60°	2231.0	2261.7
62.5°	2343.6	2385.8
65°	2433.4	2472.1
67.5°	2503.7	2539.6
70°	2577.4	2607.0
72.5°	2636.8	2661.0
75°	2694.3	2707.8
77.5°	2738.9	2749.1
80°	2767.5	2778.8
82.5°	2787.8	2804.0
85°	2800.2	2819.3
87.5°	2813.7	2829.2
90°	2798.6	2822.0
92.5°	2813.7	2829.2
95°	2800.2	2819.3
97.5°	2787.8	2804.0
100°	2767.5	2778.8
102.5°	2738.9	2749.1
105°	2694.3	2707.8
107.5°	2636.8	2661.0
110°	2577.4	2607.0





TEST NUMBER: P232057

CATALOG NUMBER: FVS4WM-3-LD4-35-2STD-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	357.5°	360°
112.5°	2503.7	2539.6
115°	2433.4	2472.1
117.5°	2343.6	2385.8
120°	2231.0	2261.7
122.5°	2101.0	2128.6
125°	1932.7	1952.4
127.5°	1727.5	1737.4
130°	1490.2	1491.9
132.5°	1255.7	1250.0
135°	1051.3	1044.1
137.5°	908.6	903.8
140°	774.0	769.8
142.5°	673.9	671.8
145°	591.4	591.7
147.5°	524.0	526.1
150°	458.2	461.3
152.5°	399.7	402.9
155°	343.3	345.3
157.5°	294.1	295.0
160°	249.1	249.1
162.5°	207.6	206.8
165°	168.0	166.4
167.5°	128.8	126.8
170°	104.2	102.5
172.5°	82.0	80.9
175°	56.5	55.8
177.5°	26.5	26.1
180°	1.0	1.0

(END OF REPORT)