

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: P232052

Luminaire Tested: **FVS4WM-3-LD4-30-2LO-P125-UNV-EDC1**

Issue Date: 3/3/2020



**Test Information**

Test Method: LM-79-08  
Report Number: P232052  
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-LD4-30-2LO-P125-UNV-EDC1  
Description: FAILSAFE FVS LED FIXTURE  
3FT LENGTH, 2-MODULE LED WITH P125 LENS  
Light Source: (168) 3000K CCT, 80 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

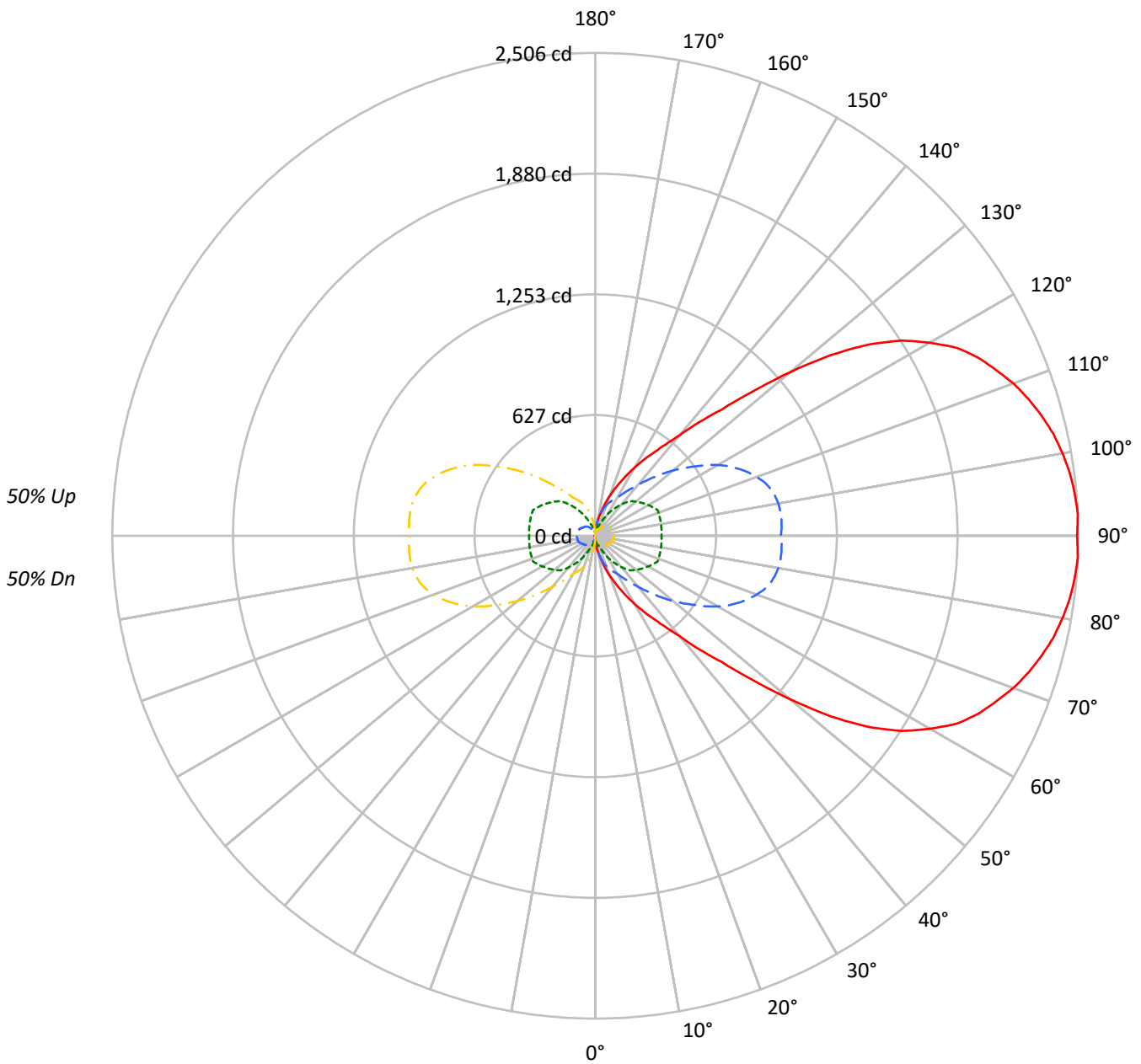
Lumens per Lamp: N/A  
Luminaire Lumens: 5906.4 lumens  
Efficiency: N/A  
Efficacy: 104.0 lumens/watt  
Spacing Criteria (0/90/45): 23.09 / 14.97 / 15.6  
Luminous Opening: Rectangular w/ Sides (W: 2.92' x L: 0.19' x H: 0.31')  
CIE Type: General Diffuse

Input Watts (W): 56.8  
Input Voltage (V): 120  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT

TEST NUMBER: P232052

CATALOG NUMBER: FVS4WM-3-LD4-30-2LO-P125-UNV-EDC1

### Luminous Intensity Polar Plot



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



TEST NUMBER: P232052

CATALOG NUMBER: FVS4WM-3-LD4-30-2LO-P125-UNV-EDC1

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

RF	20				20				20				20				20	
RC	80				70				50				30				10	0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR																		
0	107	107	107	107	99	99	99	99	83	83	83	69	69	69	56	56	56	50
1	91	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°	31	31	31	31
5°	852	323	14	323
10°	1403	614	12	614
15°	2076	915	11	915
20°	2876	1232	10	1232
25°	3738	1843	10	1843
30°	4733	2791	19	2791
35°	5811	3835	18	3835
40°	7305	5019	17	5019
45°	9653	6388	17	6388
50°	13550	7475	16	7475
55°	17555	8827	16	8827
60°	20291	10552	24	10552
65°	22296	12842	24	12842
70°	23819	15517	25	15517
75°	25263	18883	25	18883
80°	26692	24402	0	24402
85°	28127	34992	0	34992



TEST NUMBER: P232052

CATALOG NUMBER: FVS4WM-3-LD4-30-2LO-P125-UNV-EDC1

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	3.1	0.1
10°-20°	21.2	0.4
20°-30°	58.7	1.0
30°-40°	127.1	2.2
40°-50°	244.5	4.1
50°-60°	420.4	7.1
60°-70°	594.0	10.1
70°-80°	713.2	12.1
80°-90°	771.1	13.1
90°-100°	771.1	13.1
100°-110°	713.2	12.1
110°-120°	594.0	10.1
120°-130°	420.4	7.1
130°-140°	244.5	4.1
140°-150°	127.1	2.2
150°-160°	58.7	1.0
160°-170°	21.2	0.4
170°-180°	3.1	0.1
0°-30°	82.9	1.4
0°-40°	210.0	3.6
0°-60°	874.9	14.8
0°-90°	2953.2	50.0
90°-120°	2078.3	35.2
90°-150°	2870.3	48.6
90°-180°	2953.0	50.0
0°-180°	5906.4	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	2	2	2	2	2	
5°	49	16	1	16	49	6
15°	147	46	1	46	147	44
25°	306	89	1	89	306	146
35°	524	172	2	172	524	338
45°	925	254	2	254	925	749
55°	1729	297	2	297	1729	1535
65°	2190	339	2	339	2190	2163
75°	2398	348	2	348	2398	2533
85°	2497	345	0	345	2497	2033
90°	2500	343	0	343	2500	1372
95°	2497	345	0	345	2497	2033
105°	2398	348	2	348	2398	2533
115°	2190	339	2	339	2190	2163
125°	1729	297	2	297	1729	1535
135°	925	254	2	254	925	749
145°	524	172	2	172	524	338
155°	306	89	1	89	306	146
165°	147	46	1	46	147	44
175°	49	16	1	16	49	6
180°	1	1	1	1	1	



TEST NUMBER: P232052

CATALOG NUMBER: FVS4WM-3-LD4-30-2LO-P125-UNV-EDC1

**CANDELA DISTRIBUTION (FULL):**

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
0°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
2.5°	23.1	23.4	23.7	24.0	24.4	24.7	25.0	24.3	24.3	24.2	24.2
5°	49.4	50.0	50.7	51.3	51.9	51.3	51.3	51.3	51.1	50.9	50.5
7.5°	71.7	72.7	73.7	74.7	74.7	75.1	75.4	75.5	75.5	75.3	75.0
10°	90.8	92.3	93.7	95.2	95.4	96.2	96.8	97.2	97.4	97.5	97.4
12.5°	112.3	114.1	115.9	116.7	117.8	118.6	119.2	119.6	119.8	119.8	119.6
15°	147.4	148.8	150.1	149.8	149.9	149.7	149.2	148.4	147.4	146.2	144.9
17.5°	183.2	183.9	184.6	183.2	182.4	181.3	179.9	178.2	176.2	174.1	171.8
20°	220.6	220.6	220.6	218.1	216.3	214.0	211.3	208.3	205.0	201.4	197.6
22.5°	261.3	260.5	259.7	255.8	252.7	249.1	244.9	240.4	235.4	230.1	224.5
25°	305.9	304.1	300.6	296.8	292.2	286.9	281.1	274.7	267.8	260.5	252.9
27.5°	356.9	354.1	349.0	343.6	337.1	329.8	321.7	312.8	303.3	293.1	283.3
30°	408.6	405.8	400.5	394.4	387.0	378.3	368.2	356.9	344.2	330.3	317.9
32.5°	466.0	464.1	459.0	452.8	444.9	435.0	423.3	409.5	393.7	377.2	360.7
35°	524.1	523.8	519.7	514.5	507.1	497.4	485.3	470.7	453.5	434.8	413.9
37.5°	595.0	596.9	593.8	589.0	581.3	570.4	556.3	538.8	518.4	498.2	475.0
40°	681.9	685.6	682.7	677.9	669.4	657.2	641.1	621.2	598.6	573.5	544.4
42.5°	800.5	804.8	799.6	792.0	779.6	762.5	740.8	714.7	688.9	659.9	626.5
45°	924.8	931.2	926.4	918.5	904.7	884.8	858.9	832.0	794.5	757.1	716.7
47.5°	1107.2	1112.2	1100.2	1084.5	1061.1	1030.5	993.1	953.7	913.7	867.1	817.7
50°	1321.5	1320.0	1297.8	1272.2	1238.9	1199.4	1154.5	1105.5	1050.8	983.3	923.4
52.5°	1539.0	1530.2	1498.5	1463.2	1419.8	1369.6	1314.0	1256.3	1188.2	1111.8	1034.2
55°	1729.3	1711.9	1673.0	1631.3	1583.0	1529.7	1470.6	1399.1	1315.2	1230.0	1144.7
57.5°	1885.5	1861.1	1817.1	1770.5	1717.7	1660.0	1595.9	1523.9	1450.2	1348.2	1246.9
60°	2003.4	1976.2	1931.7	1883.9	1829.0	1767.9	1700.0	1628.5	1549.6	1460.3	1357.7
62.5°	2113.3	2075.9	2030.6	1978.8	1921.8	1861.6	1789.6	1715.9	1636.2	1553.5	1453.8
65°	2189.8	2155.5	2113.0	2061.6	2000.9	1934.4	1864.6	1788.3	1707.0	1622.5	1533.4
67.5°	2249.5	2217.8	2178.7	2131.5	2076.0	2007.1	1931.2	1851.2	1764.7	1677.8	1590.9
70°	2309.2	2283.0	2247.0	2199.2	2137.3	2068.1	1990.0	1905.9	1818.5	1727.9	1647.6
72.5°	2357.0	2335.6	2305.5	2265.1	2205.1	2125.4	2043.9	1951.7	1866.7	1783.9	1697.4
75°	2398.5	2386.5	2362.5	2313.3	2243.2	2171.3	2089.0	2002.1	1909.5	1825.6	1739.6
77.5°	2435.1	2426.0	2408.4	2357.2	2282.8	2198.6	2126.0	2039.9	1946.1	1855.3	1770.2
80°	2461.4	2451.3	2432.1	2391.4	2317.4	2234.0	2152.2	2071.7	1969.7	1876.2	1789.5
82.5°	2483.7	2469.4	2452.3	2415.9	2347.4	2257.2	2171.1	2083.3	1987.4	1894.4	1809.0
85°	2497.2	2480.3	2474.0	2429.0	2356.7	2267.5	2180.8	2096.0	2003.6	1908.6	1819.7
87.5°	2506.0	2492.3	2471.8	2436.3	2364.6	2276.0	2184.5	2098.2	2006.4	1913.8	1821.9
90°	2499.6	2478.9	2465.4	2425.5	2358.6	2267.0	2175.4	2087.8	1997.0	1909.4	1816.2
92.5°	2506.0	2492.3	2471.8	2436.3	2364.6	2276.0	2184.5	2098.2	2006.4	1913.8	1821.9
95°	2497.2	2480.3	2474.0	2429.0	2356.7	2267.5	2180.8	2096.0	2003.6	1908.6	1819.7
97.5°	2483.7	2469.4	2452.3	2415.9	2347.4	2257.2	2171.1	2083.3	1987.4	1894.4	1809.0
100°	2461.4	2451.3	2432.1	2391.4	2317.4	2234.0	2152.2	2071.7	1969.7	1876.2	1789.5
102.5°	2435.1	2426.0	2408.4	2357.2	2282.8	2198.6	2126.0	2039.9	1946.1	1855.3	1770.2
105°	2398.5	2386.5	2362.5	2313.3	2243.2	2171.3	2089.0	2002.1	1909.5	1825.6	1739.6
107.5°	2357.0	2335.6	2305.5	2265.1	2205.1	2125.4	2043.9	1951.7	1866.7	1783.9	1697.4
110°	2309.2	2283.0	2247.0	2199.2	2137.3	2068.1	1990.0	1905.9	1818.5	1727.9	1647.6



TEST NUMBER: P232052

CATALOG NUMBER: FVS4WM-3-LD4-30-2LO-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
112.5°	2249.5	2217.8	2178.7	2131.5	2076.0	2007.1	1931.2	1851.2	1764.7	1677.8	1590.9
115°	2189.8	2155.5	2113.0	2061.6	2000.9	1934.4	1864.6	1788.3	1707.0	1622.5	1533.4
117.5°	2113.3	2075.9	2030.6	1978.8	1921.8	1861.6	1789.6	1715.9	1636.2	1553.5	1453.8
120°	2003.4	1976.2	1931.7	1883.9	1829.0	1767.9	1700.0	1628.5	1549.6	1460.3	1357.7
122.5°	1885.5	1861.1	1817.1	1770.5	1717.7	1660.0	1595.9	1523.9	1450.2	1348.2	1246.9
125°	1729.3	1711.9	1673.0	1631.3	1583.0	1529.7	1470.6	1399.1	1315.2	1230.0	1144.7
127.5°	1539.0	1530.2	1498.5	1463.2	1419.8	1369.6	1314.0	1256.3	1188.2	1111.8	1034.2
130°	1321.5	1320.0	1297.8	1272.2	1238.9	1199.4	1154.5	1105.5	1050.8	983.3	923.4
132.5°	1107.2	1112.2	1100.2	1084.5	1061.1	1030.5	993.1	953.7	913.7	867.1	817.7
135°	924.8	931.2	926.4	918.5	904.7	884.8	858.9	832.0	794.5	757.1	716.7
137.5°	800.5	804.8	799.6	792.0	779.6	762.5	740.8	714.7	688.9	659.9	626.5
140°	681.9	685.6	682.7	677.9	669.4	657.2	641.1	621.2	598.6	573.5	544.4
142.5°	595.0	596.9	593.8	589.0	581.3	570.4	556.3	538.8	518.4	498.2	475.0
145°	524.1	523.8	519.7	514.5	507.1	497.4	485.3	470.7	453.5	434.8	413.9
147.5°	466.0	464.1	459.0	452.8	444.9	435.0	423.3	409.5	393.7	377.2	360.7
150°	408.6	405.8	400.5	394.4	387.0	378.3	368.2	356.9	344.2	330.3	317.9
152.5°	356.9	354.1	349.0	343.6	337.1	329.8	321.7	312.8	303.3	293.1	283.3
155°	305.9	304.1	300.6	296.8	292.2	286.9	281.1	274.7	267.8	260.5	252.9
157.5°	261.3	260.5	259.7	255.8	252.7	249.1	244.9	240.4	235.4	230.1	224.5
160°	220.6	220.6	220.6	218.1	216.3	214.0	211.3	208.3	205.0	201.4	197.6
162.5°	183.2	183.9	184.6	183.2	182.4	181.3	179.9	178.2	176.2	174.1	171.8
165°	147.4	148.8	150.1	149.8	149.9	149.7	149.2	148.4	147.4	146.2	144.9
167.5°	112.3	114.1	115.9	116.7	117.8	118.6	119.2	119.6	119.8	119.8	119.6
170°	90.8	92.3	93.7	95.2	95.4	96.2	96.8	97.2	97.4	97.5	97.4
172.5°	71.7	72.7	73.7	74.7	74.7	75.1	75.4	75.5	75.5	75.3	75.0
175°	49.4	50.0	50.7	51.3	51.9	51.3	51.3	51.3	51.1	50.9	50.5
177.5°	23.1	23.4	23.7	24.0	24.4	24.7	25.0	24.3	24.3	24.2	24.2
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: P232052

CATALOG NUMBER: FVS4WM-3-LD4-30-2LO-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
0°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
2.5°	24.0	23.9	23.6	23.4	23.1	22.8	22.4	22.0	21.5	21.0	20.5
5°	50.1	49.5	48.9	48.1	47.3	46.4	45.3	44.2	43.0	41.7	40.3
7.5°	74.6	74.0	73.2	72.3	71.3	70.2	68.9	67.4	65.8	64.0	61.9
10°	97.1	96.6	95.9	95.1	94.0	92.8	91.3	89.3	87.2	84.9	82.5
12.5°	119.2	118.5	117.7	116.7	115.4	113.9	112.2	110.3	108.1	105.7	103.0
15°	143.3	141.6	139.8	138.3	136.8	135.1	133.1	131.0	128.6	125.7	122.5
17.5°	169.3	166.8	164.2	161.6	159.0	156.3	153.6	151.0	148.2	145.2	141.9
20°	193.5	189.8	186.3	182.8	179.4	176.0	172.8	169.7	166.7	163.9	160.4
22.5°	218.9	213.6	208.3	202.9	197.5	193.1	189.2	185.6	182.3	179.1	176.3
25°	245.8	238.5	231.1	223.5	216.8	210.5	204.4	198.7	195.0	191.7	189.1
27.5°	273.9	264.4	254.6	245.2	236.7	228.1	220.6	213.2	206.9	201.5	198.6
30°	305.2	292.1	279.6	267.8	256.7	245.6	236.3	227.2	222.3	220.6	218.7
32.5°	343.0	323.9	307.4	292.3	277.1	264.1	257.5	252.3	248.5	244.4	241.9
35°	390.8	366.8	344.9	321.6	305.1	296.5	287.1	281.0	274.6	269.6	265.1
37.5°	448.8	421.5	392.2	371.9	353.0	334.8	322.2	311.1	302.2	295.0	289.1
40°	512.9	483.5	457.9	432.8	407.3	383.8	363.0	344.8	332.1	321.3	313.2
42.5°	592.3	559.6	526.8	497.3	468.9	438.0	409.4	386.1	364.4	350.0	338.2
45°	679.7	640.9	602.9	564.3	528.7	493.8	461.6	429.8	403.9	380.7	364.7
47.5°	770.2	723.3	679.7	635.6	593.1	552.2	513.7	478.4	445.0	416.8	394.0
50°	863.2	808.6	755.8	706.8	660.7	612.2	567.8	525.9	489.1	455.1	424.7
52.5°	959.3	894.0	832.1	776.1	723.0	673.5	622.4	575.9	533.5	494.3	468.8
55°	1060.3	978.0	907.8	842.4	784.6	729.3	675.4	625.7	584.0	549.1	524.1
57.5°	1154.5	1064.4	979.9	907.3	841.6	783.9	731.3	682.4	637.6	599.9	573.6
60°	1243.1	1143.4	1050.4	966.2	899.0	838.7	784.4	734.0	688.2	649.0	619.4
62.5°	1343.1	1217.4	1117.6	1032.0	955.4	888.7	832.1	781.1	734.7	692.7	661.1
65°	1426.1	1307.4	1184.3	1091.8	1010.3	937.8	874.4	822.0	776.4	734.5	702.6
67.5°	1499.3	1382.0	1257.2	1146.2	1058.2	981.4	913.7	859.2	813.6	773.1	739.6
70°	1555.5	1444.7	1321.8	1194.4	1100.9	1021.8	951.4	891.6	845.6	807.6	772.6
72.5°	1609.3	1497.4	1368.3	1241.0	1135.8	1054.8	983.9	921.2	873.3	838.0	804.3
75°	1649.9	1544.4	1412.7	1274.0	1161.6	1081.5	1009.2	941.6	891.8	857.4	829.5
77.5°	1685.6	1585.1	1449.6	1307.4	1191.2	1100.9	1023.2	955.1	904.3	872.6	851.1
80°	1708.7	1614.6	1486.0	1340.2	1215.3	1117.3	1034.3	963.9	913.1	884.0	869.4
82.5°	1728.5	1639.3	1516.7	1362.5	1232.4	1130.3	1042.3	968.4	918.8	892.7	885.4
85°	1741.0	1656.8	1539.8	1374.6	1242.7	1139.6	1046.9	969.2	921.9	899.3	899.5
87.5°	1746.2	1670.7	1559.8	1381.2	1249.4	1147.0	1049.8	967.9	923.6	904.5	912.6
90°	1744.5	1668.0	1556.5	1370.9	1244.2	1144.7	1045.1	962.3	923.2	909.7	925.6
92.5°	1746.2	1670.7	1559.8	1381.2	1249.4	1147.0	1049.8	967.9	923.6	904.5	912.6
95°	1741.0	1656.8	1539.8	1374.6	1242.7	1139.6	1046.9	969.2	921.9	899.3	899.5
97.5°	1728.5	1639.3	1516.7	1362.5	1232.4	1130.3	1042.3	968.4	918.8	892.7	885.4
100°	1708.7	1614.6	1486.0	1340.2	1215.3	1117.3	1034.3	963.9	913.1	884.0	869.4
102.5°	1685.6	1585.1	1449.6	1307.4	1191.2	1100.9	1023.2	955.1	904.3	872.6	851.1
105°	1649.9	1544.4	1412.7	1274.0	1161.6	1081.5	1009.2	941.6	891.8	857.4	829.5
107.5°	1609.3	1497.4	1368.3	1241.0	1135.8	1054.8	983.9	921.2	873.3	838.0	804.3
110°	1555.5	1444.7	1321.8	1194.4	1100.9	1021.8	951.4	891.6	845.6	807.6	772.6





TEST NUMBER: P232052

CATALOG NUMBER: FVS4WM-3-LD4-30-2LO-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°	1499.3	1382.0	1257.2	1146.2	1058.2	981.4	913.7	859.2	813.6	773.1	739.6
115°	1426.1	1307.4	1184.3	1091.8	1010.3	937.8	874.4	822.0	776.4	734.5	702.6
117.5°	1343.1	1217.4	1117.6	1032.0	955.4	888.7	832.1	781.1	734.7	692.7	661.1
120°	1243.1	1143.4	1050.4	966.2	899.0	838.7	784.4	734.0	688.2	649.0	619.4
122.5°	1154.5	1064.4	979.9	907.3	841.6	783.9	731.3	682.4	637.6	599.9	573.6
125°	1060.3	978.0	907.8	842.4	784.6	729.3	675.4	625.7	584.0	549.1	524.1
127.5°	959.3	894.0	832.1	776.1	723.0	673.5	622.4	575.9	533.5	494.3	468.8
130°	863.2	808.6	755.8	706.8	660.7	612.2	567.8	525.9	489.1	455.1	424.7
132.5°	770.2	723.3	679.7	635.6	593.1	552.2	513.7	478.4	445.0	416.8	394.0
135°	679.7	640.9	602.9	564.3	528.7	493.8	461.6	429.8	403.9	380.7	364.7
137.5°	592.3	559.6	526.8	497.3	468.9	438.0	409.4	386.1	364.4	350.0	338.2
140°	512.9	483.5	457.9	432.8	407.3	383.8	363.0	344.8	332.1	321.3	313.2
142.5°	448.8	421.5	392.2	371.9	353.0	334.8	322.2	311.1	302.2	295.0	289.1
145°	390.8	366.8	344.9	321.6	305.1	296.5	287.1	281.0	274.6	269.6	265.1
147.5°	343.0	323.9	307.4	292.3	277.1	264.1	257.5	252.3	248.5	244.4	241.9
150°	305.2	292.1	279.6	267.8	256.7	245.6	236.3	227.2	222.3	220.6	218.7
152.5°	273.9	264.4	254.6	245.2	236.7	228.1	220.6	213.2	206.9	201.5	198.6
155°	245.8	238.5	231.1	223.5	216.8	210.5	204.4	198.7	195.0	191.7	189.1
157.5°	218.9	213.6	208.3	202.9	197.5	193.1	189.2	185.6	182.3	179.1	176.3
160°	193.5	189.8	186.3	182.8	179.4	176.0	172.8	169.7	166.7	163.9	160.4
162.5°	169.3	166.8	164.2	161.6	159.0	156.3	153.6	151.0	148.2	145.2	141.9
165°	143.3	141.6	139.8	138.3	136.8	135.1	133.1	131.0	128.6	125.7	122.5
167.5°	119.2	118.5	117.7	116.7	115.4	113.9	112.2	110.3	108.1	105.7	103.0
170°	97.1	96.6	95.9	95.1	94.0	92.8	91.3	89.3	87.2	84.9	82.5
172.5°	74.6	74.0	73.2	72.3	71.3	70.2	68.9	67.4	65.8	64.0	61.9
175°	50.1	49.5	48.9	48.1	47.3	46.4	45.3	44.2	43.0	41.7	40.3
177.5°	24.0	23.9	23.6	23.4	23.1	22.8	22.4	22.0	21.5	21.0	20.5
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: P232052

CATALOG NUMBER: FVS4WM-3-LD4-30-2LO-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
2.5°	19.9	19.3	18.7	18.0	17.4	16.6	15.9	15.1	14.3	13.5	12.6
5°	38.8	37.3	35.7	34.3	33.0	31.5	30.0	28.5	26.9	25.3	23.6
7.5°	59.7	57.4	54.9	52.4	49.7	47.0	44.2	41.8	39.4	37.0	34.5
10°	79.9	77.1	74.3	70.7	67.2	63.6	59.8	55.9	51.9	48.6	45.3
12.5°	99.8	96.2	92.5	88.6	84.4	80.0	75.3	70.5	65.5	60.5	56.0
15°	119.0	115.3	111.9	106.5	101.4	96.2	90.7	85.0	79.0	73.0	66.8
17.5°	139.0	134.0	129.3	124.3	118.8	112.5	106.0	99.3	92.4	85.4	78.2
20°	156.4	152.2	147.6	141.8	135.6	129.1	121.6	113.8	105.8	97.7	89.6
22.5°	173.6	169.4	164.5	159.3	152.6	145.2	137.4	128.5	119.3	110.0	100.9
25°	186.2	184.0	180.9	175.2	170.8	164.8	157.8	150.3	141.8	132.9	123.9
27.5°	199.0	199.5	199.8	198.9	194.5	189.8	183.0	175.6	167.2	158.0	148.4
30°	218.8	219.2	219.3	219.1	217.5	212.6	207.2	199.7	192.5	182.5	172.9
32.5°	239.7	239.0	238.9	238.5	237.9	234.9	229.6	223.0	215.4	206.4	196.6
35°	262.0	259.6	258.6	258.0	257.2	256.1	251.3	246.0	238.1	229.8	220.0
37.5°	284.3	281.1	278.6	277.6	276.9	275.3	272.4	266.8	260.1	252.6	242.9
40°	307.0	302.1	299.4	297.1	295.9	294.4	292.5	287.4	281.4	274.3	265.4
42.5°	329.5	323.9	319.4	317.1	315.2	313.6	311.5	307.7	302.0	295.5	287.6
45°	353.3	344.6	339.8	336.6	334.5	332.7	330.4	327.4	322.0	316.1	309.3
47.5°	376.4	366.8	359.8	355.8	353.7	353.9	354.6	352.8	346.9	339.1	330.1
50°	404.1	390.6	391.3	395.8	398.3	397.6	393.9	387.3	377.0	364.1	351.5
52.5°	450.9	444.4	445.8	448.9	450.0	444.4	435.8	424.3	409.2	390.4	373.6
55°	504.5	497.6	498.2	502.4	504.0	494.3	480.4	463.4	443.2	418.3	396.5
57.5°	555.6	546.6	548.7	555.3	557.1	547.1	527.2	504.7	478.9	447.8	420.3
60°	601.4	593.2	597.7	606.2	610.7	602.3	576.2	547.7	515.6	478.6	444.7
62.5°	644.9	638.8	643.8	655.5	664.5	659.8	627.1	592.2	553.7	510.5	469.8
65°	684.7	680.3	687.0	703.5	718.4	714.8	679.7	637.9	593.0	543.2	495.3
67.5°	720.5	718.2	727.7	749.7	768.1	768.0	733.6	684.8	633.1	576.7	521.2
70°	753.5	754.6	768.5	792.2	808.9	804.3	765.2	706.3	647.2	586.4	527.0
72.5°	785.6	784.8	795.5	814.0	825.3	814.3	774.0	711.8	650.3	589.5	529.4
75°	812.9	812.0	821.6	837.0	845.0	826.0	782.4	716.8	652.8	591.8	531.3
77.5°	837.6	838.7	848.3	861.2	867.5	839.2	790.3	721.4	654.4	593.4	532.8
80°	860.2	865.0	875.6	886.4	892.1	853.2	797.4	725.3	655.3	594.2	533.8
82.5°	881.4	891.0	903.3	912.4	918.0	867.6	803.7	728.5	655.5	594.4	535.9
85°	901.6	916.9	931.4	939.0	944.4	884.5	811.6	733.0	656.4	595.1	535.1
87.5°	921.1	942.8	959.8	966.0	971.3	896.3	814.1	732.9	654.0	593.1	534.4
90°	941.5	969.4	988.5	993.3	995.7	908.1	816.5	732.8	651.6	591.1	533.7
92.5°	921.1	942.8	959.8	966.0	971.3	896.3	814.1	732.9	654.0	593.1	534.4
95°	901.6	916.9	931.4	939.0	944.4	884.5	811.6	733.0	656.4	595.1	535.1
97.5°	881.4	891.0	903.3	912.4	918.0	867.6	803.7	728.5	655.5	594.4	535.9
100°	860.2	865.0	875.6	886.4	892.1	853.2	797.4	725.3	655.3	594.2	533.8
102.5°	837.6	838.7	848.3	861.2	867.5	839.2	790.3	721.4	654.4	593.4	532.8
105°	812.9	812.0	821.6	837.0	845.0	826.0	782.4	716.8	652.8	591.8	531.3
107.5°	785.6	784.8	795.5	814.0	825.3	814.3	774.0	711.8	650.3	589.5	529.4
110°	753.5	754.6	768.5	792.2	808.9	804.3	765.2	706.3	647.2	586.4	527.0



TEST NUMBER: P232052

CATALOG NUMBER: FVS4WM-3-LD4-30-2LO-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
112.5°	720.5	718.2	727.7	749.7	768.1	768.0	733.6	684.8	633.1	576.7	521.2
115°	684.7	680.3	687.0	703.5	718.4	714.8	679.7	637.9	593.0	543.2	495.3
117.5°	644.9	638.8	643.8	655.5	664.5	659.8	627.1	592.2	553.7	510.5	469.8
120°	601.4	593.2	597.7	606.2	610.7	602.3	576.2	547.7	515.6	478.6	444.7
122.5°	555.6	546.6	548.7	555.3	557.1	547.1	527.2	504.7	478.9	447.8	420.3
125°	504.5	497.6	498.2	502.4	504.0	494.3	480.4	463.4	443.2	418.3	396.5
127.5°	450.9	444.4	445.8	448.9	450.0	444.4	435.8	424.3	409.2	390.4	373.6
130°	404.1	390.6	391.3	395.8	398.3	397.6	393.9	387.3	377.0	364.1	351.5
132.5°	376.4	366.8	359.8	355.8	353.7	353.9	354.6	352.8	346.9	339.1	330.1
135°	353.3	344.6	339.8	336.6	334.5	332.7	330.4	327.4	322.0	316.1	309.3
137.5°	329.5	323.9	319.4	317.1	315.2	313.6	311.5	307.7	302.0	295.5	287.6
140°	307.0	302.1	299.4	297.1	295.9	294.4	292.5	287.4	281.4	274.3	265.4
142.5°	284.3	281.1	278.6	277.6	276.9	275.3	272.4	266.8	260.1	252.6	242.9
145°	262.0	259.6	258.6	258.0	257.2	256.1	251.3	246.0	238.1	229.8	220.0
147.5°	239.7	239.0	238.9	238.5	237.9	234.9	229.6	223.0	215.4	206.4	196.6
150°	218.8	219.2	219.3	219.1	217.5	212.6	207.2	199.7	192.5	182.5	172.9
152.5°	199.0	199.5	199.8	198.9	194.5	189.8	183.0	175.6	167.2	158.0	148.4
155°	186.2	184.0	180.9	175.2	170.8	164.8	157.8	150.3	141.8	132.9	123.9
157.5°	173.6	169.4	164.5	159.3	152.6	145.2	137.4	128.5	119.3	110.0	100.9
160°	156.4	152.2	147.6	141.8	135.6	129.1	121.6	113.8	105.8	97.7	89.6
162.5°	139.0	134.0	129.3	124.3	118.8	112.5	106.0	99.3	92.4	85.4	78.2
165°	119.0	115.3	111.9	106.5	101.4	96.2	90.7	85.0	79.0	73.0	66.8
167.5°	99.8	96.2	92.5	88.6	84.4	80.0	75.3	70.5	65.5	60.5	56.0
170°	79.9	77.1	74.3	70.7	67.2	63.6	59.8	55.9	51.9	48.6	45.3
172.5°	59.7	57.4	54.9	52.4	49.7	47.0	44.2	41.8	39.4	37.0	34.5
175°	38.8	37.3	35.7	34.3	33.0	31.5	30.0	28.5	26.9	25.3	23.6
177.5°	19.9	19.3	18.7	18.0	17.4	16.6	15.9	15.1	14.3	13.5	12.6
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: P232052

CATALOG NUMBER: FVS4WM-3-LD4-30-2LO-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
0°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
2.5°	11.8	10.9	10.0	9.0	9.0	8.9	8.9	8.8	8.7	8.6	8.5
5°	21.9	20.1	18.3	16.5	16.3	16.2	16.0	15.8	15.5	15.3	15.0
7.5°	31.9	29.3	26.6	23.9	23.6	23.3	22.9	22.5	22.0	21.6	21.0
10°	41.9	38.4	34.9	31.3	30.8	30.2	29.6	29.0	28.2	27.6	27.0
12.5°	51.8	47.5	43.2	38.8	38.0	37.1	36.2	35.2	34.3	33.6	32.9
15°	61.7	56.6	51.4	46.2	45.1	43.8	42.6	41.3	40.5	39.6	38.7
17.5°	71.4	65.6	59.7	53.6	52.1	50.5	48.8	47.6	46.6	45.6	44.5
20°	81.3	74.6	67.9	61.1	59.1	57.0	55.0	53.8	52.7	51.5	50.4
22.5°	91.6	83.5	76.1	68.5	66.0	63.4	61.3	60.0	58.7	57.5	56.2
25°	114.6	105.7	97.6	89.1	85.5	81.7	78.6	76.0	73.2	70.5	67.6
27.5°	138.4	128.3	119.2	109.7	105.1	100.1	96.4	92.9	89.3	85.7	81.9
30°	162.1	151.1	140.9	130.4	124.5	118.2	114.0	109.4	104.9	100.2	95.6
32.5°	185.6	173.9	162.6	151.0	143.8	136.5	131.2	125.6	119.8	114.2	108.9
35°	209.0	196.7	184.3	171.6	162.9	154.6	148.1	141.3	134.2	127.9	121.6
37.5°	232.2	219.4	206.1	192.2	182.0	172.5	164.7	156.5	148.5	141.1	133.5
40°	255.2	242.0	227.8	212.9	201.0	190.2	181.1	171.4	162.1	154.0	144.8
42.5°	277.9	264.4	249.6	233.5	219.9	207.8	197.5	185.9	175.8	166.8	155.7
45°	300.1	286.8	271.3	254.1	238.7	225.2	213.0	200.1	189.1	178.2	166.2
47.5°	317.4	301.5	283.7	264.7	247.5	232.5	218.8	205.0	194.3	183.5	172.4
50°	335.0	316.2	296.0	275.3	256.1	239.2	223.4	207.9	196.3	185.1	174.1
52.5°	353.2	331.1	308.4	286.0	264.6	245.6	227.7	211.0	198.1	186.9	176.3
55°	372.1	346.1	320.7	296.6	273.1	251.9	231.8	213.9	200.0	189.1	179.0
57.5°	391.5	361.4	333.1	307.2	281.5	258.1	235.8	216.7	202.3	191.7	182.1
60°	411.4	376.8	345.5	317.8	290.0	264.1	239.7	219.4	204.9	194.8	186.1
62.5°	431.7	392.3	357.9	328.5	298.3	270.0	243.5	222.0	207.7	198.2	189.7
65°	452.3	407.9	370.3	339.1	306.7	275.9	247.2	224.6	210.7	201.9	194.2
67.5°	473.2	423.5	382.7	349.7	315.1	281.7	250.8	227.2	214.0	205.9	199.2
70°	478.0	427.3	385.6	349.0	313.5	279.2	248.3	225.4	212.9	205.2	199.7
72.5°	481.1	430.5	388.5	348.3	311.9	276.5	245.6	223.2	210.6	202.5	197.5
75°	483.9	433.5	392.9	347.6	310.4	274.0	243.1	221.3	208.4	199.9	195.6
77.5°	486.3	436.3	395.4	346.9	309.0	271.5	240.7	219.5	206.1	197.4	193.8
80°	488.3	440.2	397.9	346.1	307.6	269.2	238.6	218.0	203.9	194.8	192.2
82.5°	491.2	442.1	400.4	345.4	306.2	267.0	236.6	216.6	201.8	192.4	190.6
85°	491.8	444.0	402.8	344.7	305.0	265.0	234.8	215.4	199.7	190.0	189.2
87.5°	492.5	445.8	405.3	344.0	303.8	263.1	233.2	214.4	197.8	187.8	187.8
90°	493.1	447.7	407.8	343.3	302.7	261.3	231.8	213.5	196.0	185.6	186.4
92.5°	492.5	445.8	405.3	344.0	303.8	263.1	233.2	214.4	197.8	187.8	187.8
95°	491.8	444.0	402.8	344.7	305.0	265.0	234.8	215.4	199.7	190.0	189.2
97.5°	491.2	442.1	400.4	345.4	306.2	267.0	236.6	216.6	201.8	192.4	190.6
100°	488.3	440.2	397.9	346.1	307.6	269.2	238.6	218.0	203.9	194.8	192.2
102.5°	486.3	436.3	395.4	346.9	309.0	271.5	240.7	219.5	206.1	197.4	193.8
105°	483.9	433.5	392.9	347.6	310.4	274.0	243.1	221.3	208.4	199.9	195.6
107.5°	481.1	430.5	388.5	348.3	311.9	276.5	245.6	223.2	210.6	202.5	197.5
110°	478.0	427.3	385.6	349.0	313.5	279.2	248.3	225.4	212.9	205.2	199.7



TEST NUMBER: P232052

CATALOG NUMBER: FVS4WM-3-LD4-30-2LO-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°	473.2	423.5	382.7	349.7	315.1	281.7	250.8	227.2	214.0	205.9	199.2
115°	452.3	407.9	370.3	339.1	306.7	275.9	247.2	224.6	210.7	201.9	194.2
117.5°	431.7	392.3	357.9	328.5	298.3	270.0	243.5	222.0	207.7	198.2	189.7
120°	411.4	376.8	345.5	317.8	290.0	264.1	239.7	219.4	204.9	194.8	186.1
122.5°	391.5	361.4	333.1	307.2	281.5	258.1	235.8	216.7	202.3	191.7	182.1
125°	372.1	346.1	320.7	296.6	273.1	251.9	231.8	213.9	200.0	189.1	179.0
127.5°	353.2	331.1	308.4	286.0	264.6	245.6	227.7	211.0	198.1	186.9	176.3
130°	335.0	316.2	296.0	275.3	256.1	239.2	223.4	207.9	196.3	185.1	174.1
132.5°	317.4	301.5	283.7	264.7	247.5	232.5	218.8	205.0	194.3	183.5	172.4
135°	300.1	286.8	271.3	254.1	238.7	225.2	213.0	200.1	189.1	178.2	166.2
137.5°	277.9	264.4	249.6	233.5	219.9	207.8	197.5	185.9	175.8	166.8	155.7
140°	255.2	242.0	227.8	212.9	201.0	190.2	181.1	171.4	162.1	154.0	144.8
142.5°	232.2	219.4	206.1	192.2	182.0	172.5	164.7	156.5	148.5	141.1	133.5
145°	209.0	196.7	184.3	171.6	162.9	154.6	148.1	141.3	134.2	127.9	121.6
147.5°	185.6	173.9	162.6	151.0	143.8	136.5	131.2	125.6	119.8	114.2	108.9
150°	162.1	151.1	140.9	130.4	124.5	118.2	114.0	109.4	104.9	100.2	95.6
152.5°	138.4	128.3	119.2	109.7	105.1	100.1	96.4	92.9	89.3	85.7	81.9
155°	114.6	105.7	97.6	89.1	85.5	81.7	78.6	76.0	73.2	70.5	67.6
157.5°	91.6	83.5	76.1	68.5	66.0	63.4	61.3	60.0	58.7	57.5	56.2
160°	81.3	74.6	67.9	61.1	59.1	57.0	55.0	53.8	52.7	51.5	50.4
162.5°	71.4	65.6	59.7	53.6	52.1	50.5	48.8	47.6	46.6	45.6	44.5
165°	61.7	56.6	51.4	46.2	45.1	43.8	42.6	41.3	40.5	39.6	38.7
167.5°	51.8	47.5	43.2	38.8	38.0	37.1	36.2	35.2	34.3	33.6	32.9
170°	41.9	38.4	34.9	31.3	30.8	30.2	29.6	29.0	28.2	27.6	27.0
172.5°	31.9	29.3	26.6	23.9	23.6	23.3	22.9	22.5	22.0	21.6	21.0
175°	21.9	20.1	18.3	16.5	16.3	16.2	16.0	15.8	15.5	15.3	15.0
177.5°	11.8	10.9	10.0	9.0	9.0	8.9	8.9	8.8	8.7	8.6	8.5
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: P232052

CATALOG NUMBER: FVS4WM-3-LD4-30-2LO-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
0°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
2.5°	8.4	8.2	8.1	7.9	7.7	7.5	7.4	7.2	6.9	6.7	6.5
5°	14.7	14.3	14.0	13.6	13.3	12.9	12.5	12.0	11.6	11.2	10.7
7.5°	20.6	20.1	19.6	19.0	18.5	17.9	17.3	16.6	16.0	15.3	14.7
10°	26.4	25.7	25.0	24.3	23.5	22.9	22.1	21.4	20.6	19.8	19.0
12.5°	32.1	31.3	30.5	29.7	28.9	28.0	27.1	26.2	25.2	24.1	23.0
15°	37.8	36.9	36.0	35.1	34.1	33.0	31.8	30.6	29.4	28.1	26.7
17.5°	43.6	42.6	41.5	40.3	39.0	37.6	36.2	34.7	33.1	31.5	29.9
20°	49.3	48.1	46.7	45.2	43.7	41.9	40.1	38.3	36.5	34.8	33.1
22.5°	55.0	53.3	51.7	49.9	47.9	45.8	43.8	41.9	40.0	38.1	35.8
25°	64.5	61.3	57.8	54.1	51.8	49.7	47.6	45.5	42.9	40.3	37.8
27.5°	78.1	74.1	69.6	65.1	60.9	56.7	52.4	48.0	45.0	42.6	40.2
30°	91.0	85.8	80.5	75.5	70.6	65.4	60.0	54.9	50.4	46.2	42.6
32.5°	103.1	96.9	90.8	85.1	79.0	72.7	66.8	61.6	56.7	52.0	47.5
35°	114.4	107.3	100.5	93.6	86.2	79.3	73.2	67.5	62.2	57.1	52.6
37.5°	125.2	117.2	109.4	100.9	92.7	85.6	78.9	72.9	67.1	61.8	57.1
40°	135.4	126.4	117.1	107.4	99.0	91.2	84.2	77.6	71.6	66.2	61.4
42.5°	145.3	135.1	124.1	113.9	104.6	96.6	89.0	82.0	75.8	70.3	64.9
45°	154.6	142.8	130.5	119.8	110.1	101.4	93.3	86.0	79.8	73.6	67.6
47.5°	161.4	149.4	136.9	125.2	115.3	105.9	97.2	90.1	83.0	76.1	70.3
50°	163.3	151.4	139.9	129.2	119.4	110.0	101.4	93.6	85.6	78.7	72.4
52.5°	165.6	154.2	142.8	132.3	122.5	113.2	105.5	96.8	88.0	80.8	74.0
55°	168.6	157.6	146.2	135.7	126.0	117.8	110.1	101.5	92.6	83.8	75.4
57.5°	172.3	161.3	150.1	139.5	129.9	122.9	115.4	106.6	97.1	87.4	78.7
60°	176.6	165.4	154.2	143.9	135.3	128.7	121.5	111.6	101.0	90.8	81.6
62.5°	181.3	169.9	158.4	148.5	141.2	135.0	127.3	116.5	104.6	94.1	84.3
65°	186.0	174.6	163.0	153.5	147.7	142.1	132.9	120.8	108.3	97.1	86.8
67.5°	190.9	179.5	168.2	159.4	154.5	149.7	138.5	124.9	111.9	100.2	89.6
70°	192.4	182.2	172.4	165.7	161.9	156.7	144.0	128.9	115.4	103.3	92.2
72.5°	190.5	181.3	172.4	166.2	162.6	157.0	145.5	131.8	118.9	106.5	94.9
75°	189.0	180.9	172.7	166.5	162.3	155.3	144.3	131.3	118.2	106.2	95.5
77.5°	187.9	181.0	173.2	166.8	161.8	154.2	143.9	131.2	117.6	105.2	94.5
80°	187.1	181.4	173.9	166.9	161.2	153.5	144.5	131.5	117.2	104.5	94.1
82.5°	186.5	182.2	174.7	167.1	160.6	153.3	145.7	132.2	117.1	104.2	94.2
85°	186.1	183.2	175.8	167.3	160.1	153.4	147.5	133.3	117.4	104.3	94.7
87.5°	185.8	184.4	177.0	167.6	159.6	153.9	149.7	134.9	118.2	104.9	95.8
90°	185.6	185.6	178.4	168.1	159.3	154.5	152.1	137.0	119.5	105.9	97.2
92.5°	185.8	184.4	177.0	167.6	159.6	153.9	149.7	134.9	118.2	104.9	95.8
95°	186.1	183.2	175.8	167.3	160.1	153.4	147.5	133.3	117.4	104.3	94.7
97.5°	186.5	182.2	174.7	167.1	160.6	153.3	145.7	132.2	117.1	104.2	94.2
100°	187.1	181.4	173.9	166.9	161.2	153.5	144.5	131.5	117.2	104.5	94.1
102.5°	187.9	181.0	173.2	166.8	161.8	154.2	143.9	131.2	117.6	105.2	94.5
105°	189.0	180.9	172.7	166.5	162.3	155.3	144.3	131.3	118.2	106.2	95.5
107.5°	190.5	181.3	172.4	166.2	162.6	157.0	145.5	131.8	118.9	106.5	94.9
110°	192.4	182.2	172.4	165.7	161.9	156.7	144.0	128.9	115.4	103.3	92.2



TEST NUMBER: P232052

CATALOG NUMBER: FVS4WM-3-LD4-30-2LO-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
112.5°	190.9	179.5	168.2	159.4	154.5	149.7	138.5	124.9	111.9	100.2	89.6
115°	186.0	174.6	163.0	153.5	147.7	142.1	132.9	120.8	108.3	97.1	86.8
117.5°	181.3	169.9	158.4	148.5	141.2	135.0	127.3	116.5	104.6	94.1	84.3
120°	176.6	165.4	154.2	143.9	135.3	128.7	121.5	111.6	101.0	90.8	81.6
122.5°	172.3	161.3	150.1	139.5	129.9	122.9	115.4	106.6	97.1	87.4	78.7
125°	168.6	157.6	146.2	135.7	126.0	117.8	110.1	101.5	92.6	83.8	75.4
127.5°	165.6	154.2	142.8	132.3	122.5	113.2	105.5	96.8	88.0	80.8	74.0
130°	163.3	151.4	139.9	129.2	119.4	110.0	101.4	93.6	85.6	78.7	72.4
132.5°	161.4	149.4	136.9	125.2	115.3	105.9	97.2	90.1	83.0	76.1	70.3
135°	154.6	142.8	130.5	119.8	110.1	101.4	93.3	86.0	79.8	73.6	67.6
137.5°	145.3	135.1	124.1	113.9	104.6	96.6	89.0	82.0	75.8	70.3	64.9
140°	135.4	126.4	117.1	107.4	99.0	91.2	84.2	77.6	71.6	66.2	61.4
142.5°	125.2	117.2	109.4	100.9	92.7	85.6	78.9	72.9	67.1	61.8	57.1
145°	114.4	107.3	100.5	93.6	86.2	79.3	73.2	67.5	62.2	57.1	52.6
147.5°	103.1	96.9	90.8	85.1	79.0	72.7	66.8	61.6	56.7	52.0	47.5
150°	91.0	85.8	80.5	75.5	70.6	65.4	60.0	54.9	50.4	46.2	42.6
152.5°	78.1	74.1	69.6	65.1	60.9	56.7	52.4	48.0	45.0	42.6	40.2
155°	64.5	61.3	57.8	54.1	51.8	49.7	47.6	45.5	42.9	40.3	37.8
157.5°	55.0	53.3	51.7	49.9	47.9	45.8	43.8	41.9	40.0	38.1	35.8
160°	49.3	48.1	46.7	45.2	43.7	41.9	40.1	38.3	36.5	34.8	33.1
162.5°	43.6	42.6	41.5	40.3	39.0	37.6	36.2	34.7	33.1	31.5	29.9
165°	37.8	36.9	36.0	35.1	34.1	33.0	31.8	30.6	29.4	28.1	26.7
167.5°	32.1	31.3	30.5	29.7	28.9	28.0	27.1	26.2	25.2	24.1	23.0
170°	26.4	25.7	25.0	24.3	23.5	22.9	22.1	21.4	20.6	19.8	19.0
172.5°	20.6	20.1	19.6	19.0	18.5	17.9	17.3	16.6	16.0	15.3	14.7
175°	14.7	14.3	14.0	13.6	13.3	12.9	12.5	12.0	11.6	11.2	10.7
177.5°	8.4	8.2	8.1	7.9	7.7	7.5	7.4	7.2	6.9	6.7	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: P232052

CATALOG NUMBER: FVS4WM-3-LD4-30-2LO-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
0°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
2.5°	6.3	6.0	5.8	5.5	5.3	5.0	4.7	4.5	4.2	3.9	3.6
5°	10.2	9.7	9.2	8.7	8.2	7.6	7.1	6.5	6.0	5.4	4.8
7.5°	14.0	13.4	12.7	12.0	11.2	10.5	9.7	9.0	8.2	7.4	6.6
10°	18.1	17.2	16.3	15.3	14.4	13.4	12.4	11.4	10.4	9.3	8.3
12.5°	21.9	20.8	19.6	18.4	17.2	16.0	14.7	13.5	12.2	11.0	9.7
15°	25.3	23.9	22.5	21.0	19.6	18.2	16.8	15.4	13.9	12.5	11.1
17.5°	28.3	26.8	25.2	23.6	22.0	20.5	18.7	17.0	15.4	13.7	12.0
20°	31.4	29.5	27.6	25.6	23.7	21.8	20.0	18.2	16.5	14.7	13.0
22.5°	33.6	31.4	29.3	27.3	25.4	23.5	21.6	19.7	17.7	15.8	13.9
25°	35.6	33.5	31.4	29.3	27.2	25.1	23.0	20.9	18.9	16.9	14.9
27.5°	37.9	35.6	33.3	31.0	28.8	26.7	24.5	22.4	20.3	18.2	16.1
30°	40.0	37.5	35.3	33.0	30.7	28.6	26.4	24.2	22.0	19.8	17.6
32.5°	43.4	39.8	37.5	35.3	33.0	30.8	28.5	26.2	23.9	21.6	19.2
35°	48.2	44.4	40.7	37.8	35.4	33.0	30.7	28.4	26.0	23.5	20.8
37.5°	52.8	48.7	44.8	41.1	38.0	35.7	33.3	30.6	27.8	25.0	22.1
40°	56.7	52.2	48.3	44.8	41.5	38.3	35.4	32.3	29.2	26.1	23.1
42.5°	59.7	55.4	51.5	47.6	43.9	40.3	36.9	33.7	30.7	27.6	24.4
45°	62.7	58.0	53.6	49.4	45.4	41.7	38.5	35.6	32.2	28.8	25.4
47.5°	65.0	59.8	55.0	50.5	46.5	42.9	39.5	36.3	33.4	29.8	26.2
50°	66.5	61.1	56.0	51.4	47.2	43.4	39.9	36.6	33.7	30.5	26.5
52.5°	67.7	61.9	56.6	51.8	47.5	43.5	39.8	36.4	33.2	30.2	27.1
55°	68.6	62.5	56.9	52.0	47.4	43.2	39.5	36.1	33.0	30.0	27.1
57.5°	70.5	62.9	57.1	51.8	47.0	43.0	39.3	35.9	32.5	29.2	26.2
60°	72.9	65.2	58.0	51.3	47.0	42.9	39.0	35.3	31.8	28.6	25.4
62.5°	75.3	67.2	59.5	53.1	47.4	42.7	38.5	34.8	31.4	28.0	24.6
65°	77.6	69.0	61.3	54.6	48.7	43.1	38.3	34.6	31.1	27.4	23.6
67.5°	79.8	70.8	62.9	56.0	49.6	43.9	39.1	34.7	30.8	26.9	23.1
70°	82.0	72.6	64.5	57.3	50.4	44.9	39.9	35.2	30.8	26.8	22.5
72.5°	84.1	74.5	66.1	58.4	51.6	45.8	40.5	35.3	30.6	26.1	21.8
75°	85.7	76.4	67.9	59.5	52.8	46.8	40.9	35.2	29.9	24.7	20.3
77.5°	85.1	76.5	68.4	60.6	54.0	47.8	41.2	35.0	28.7	23.0	18.2
80°	85.2	76.9	68.7	61.2	54.4	47.8	41.2	34.6	27.5	21.0	15.6
82.5°	85.9	77.7	69.5	62.3	54.8	47.5	40.6	33.4	26.3	19.1	12.7
85°	87.1	79.0	70.9	63.7	55.3	47.7	40.3	32.8	25.5	18.0	11.2
87.5°	88.7	80.7	72.6	65.5	56.1	48.3	40.6	32.8	25.5	17.7	10.8
90°	90.8	82.8	74.9	67.7	57.4	49.4	41.4	33.5	26.3	18.3	11.2
92.5°	88.7	80.7	72.6	65.5	56.1	48.3	40.6	32.8	25.5	17.7	10.8
95°	87.1	79.0	70.9	63.7	55.3	47.7	40.3	32.8	25.5	18.0	11.2
97.5°	85.9	77.7	69.5	62.3	54.8	47.5	40.6	33.4	26.3	19.1	12.7
100°	85.2	76.9	68.7	61.2	54.4	47.8	41.2	34.6	27.5	21.0	15.6
102.5°	85.1	76.5	68.4	60.6	54.0	47.8	41.2	35.0	28.7	23.0	18.2
105°	85.7	76.4	67.9	59.5	52.8	46.8	40.9	35.2	29.9	24.7	20.3
107.5°	84.1	74.5	66.1	58.4	51.6	45.8	40.5	35.3	30.6	26.1	21.8
110°	82.0	72.6	64.5	57.3	50.4	44.9	39.9	35.2	30.8	26.8	22.5





TEST NUMBER: P232052

CATALOG NUMBER: FVS4WM-3-LD4-30-2LO-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°	79.8	70.8	62.9	56.0	49.6	43.9	39.1	34.7	30.8	26.9	23.1
115°	77.6	69.0	61.3	54.6	48.7	43.1	38.3	34.6	31.1	27.4	23.6
117.5°	75.3	67.2	59.5	53.1	47.4	42.7	38.5	34.8	31.4	28.0	24.6
120°	72.9	65.2	58.0	51.3	47.0	42.9	39.0	35.3	31.8	28.6	25.4
122.5°	70.5	62.9	57.1	51.8	47.0	43.0	39.3	35.9	32.5	29.2	26.2
125°	68.6	62.5	56.9	52.0	47.4	43.2	39.5	36.1	33.0	30.0	27.1
127.5°	67.7	61.9	56.6	51.8	47.5	43.5	39.8	36.4	33.2	30.2	27.1
130°	66.5	61.1	56.0	51.4	47.2	43.4	39.9	36.6	33.7	30.5	26.5
132.5°	65.0	59.8	55.0	50.5	46.5	42.9	39.5	36.3	33.4	29.8	26.2
135°	62.7	58.0	53.6	49.4	45.4	41.7	38.5	35.6	32.2	28.8	25.4
137.5°	59.7	55.4	51.5	47.6	43.9	40.3	36.9	33.7	30.7	27.6	24.4
140°	56.7	52.2	48.3	44.8	41.5	38.3	35.4	32.3	29.2	26.1	23.1
142.5°	52.8	48.7	44.8	41.1	38.0	35.7	33.3	30.6	27.8	25.0	22.1
145°	48.2	44.4	40.7	37.8	35.4	33.0	30.7	28.4	26.0	23.5	20.8
147.5°	43.4	39.8	37.5	35.3	33.0	30.8	28.5	26.2	23.9	21.6	19.2
150°	40.0	37.5	35.3	33.0	30.7	28.6	26.4	24.2	22.0	19.8	17.6
152.5°	37.9	35.6	33.3	31.0	28.8	26.7	24.5	22.4	20.3	18.2	16.1
155°	35.6	33.5	31.4	29.3	27.2	25.1	23.0	20.9	18.9	16.9	14.9
157.5°	33.6	31.4	29.3	27.3	25.4	23.5	21.6	19.7	17.7	15.8	13.9
160°	31.4	29.5	27.6	25.6	23.7	21.8	20.0	18.2	16.5	14.7	13.0
162.5°	28.3	26.8	25.2	23.6	22.0	20.5	18.7	17.0	15.4	13.7	12.0
165°	25.3	23.9	22.5	21.0	19.6	18.2	16.8	15.4	13.9	12.5	11.1
167.5°	21.9	20.8	19.6	18.4	17.2	16.0	14.7	13.5	12.2	11.0	9.7
170°	18.1	17.2	16.3	15.3	14.4	13.4	12.4	11.4	10.4	9.3	8.3
172.5°	14.0	13.4	12.7	12.0	11.2	10.5	9.7	9.0	8.2	7.4	6.6
175°	10.2	9.7	9.2	8.7	8.2	7.6	7.1	6.5	6.0	5.4	4.8
177.5°	6.3	6.0	5.8	5.5	5.3	5.0	4.7	4.5	4.2	3.9	3.6
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: P232052

CATALOG NUMBER: FVS4WM-3-LD4-30-2LO-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
0°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
2.5°	3.3	3.1	2.8	2.5	2.2	1.9	1.6	1.9	2.2	2.5	2.8
5°	4.3	3.7	3.1	2.5	1.9	1.4	0.8	1.4	1.9	2.5	3.1
7.5°	5.8	5.0	4.1	3.3	2.5	1.6	0.8	1.6	2.5	3.3	4.1
10°	7.2	6.2	5.1	4.0	3.0	1.9	0.8	1.9	3.0	4.0	5.1
12.5°	8.4	7.2	5.9	4.6	3.4	2.1	0.8	2.1	3.4	4.6	5.9
15°	9.6	8.1	6.7	5.2	3.7	2.3	0.8	2.3	3.7	5.2	6.7
17.5°	10.4	8.8	7.2	5.6	4.0	2.4	0.8	2.4	4.0	5.6	7.2
20°	11.2	9.5	7.8	6.0	4.3	2.5	0.8	2.5	4.3	6.0	7.8
22.5°	12.1	10.2	8.3	6.4	4.5	2.7	0.8	2.7	4.5	6.4	8.3
25°	12.9	10.9	8.9	6.9	4.8	2.8	0.8	2.8	4.8	6.9	8.9
27.5°	13.9	11.8	9.6	7.4	5.2	3.0	0.8	3.0	5.2	7.4	9.6
30°	15.3	13.1	10.8	8.6	6.3	3.9	1.6	3.9	6.3	8.6	10.8
32.5°	16.8	14.4	11.9	9.3	6.8	4.2	1.6	4.2	6.8	9.3	11.9
35°	18.1	15.4	12.7	9.9	7.2	4.4	1.6	4.4	7.2	9.9	12.7
37.5°	19.1	16.2	13.3	10.4	7.4	4.5	1.6	4.5	7.4	10.4	13.3
40°	20.1	17.0	14.0	10.9	7.8	4.7	1.6	4.7	7.8	10.9	14.0
42.5°	21.1	17.9	14.6	11.4	8.1	4.8	1.6	4.8	8.1	11.4	14.6
45°	21.9	18.5	15.1	11.7	8.3	5.0	1.6	5.0	8.3	11.7	15.1
47.5°	22.6	18.9	15.3	11.8	8.4	5.0	1.6	5.0	8.4	11.8	15.3
50°	22.7	19.2	15.6	12.1	8.6	5.1	1.6	5.1	8.6	12.1	15.6
52.5°	23.4	19.5	15.8	12.1	8.6	5.1	1.6	5.1	8.6	12.1	15.8
55°	23.3	19.4	15.6	12.0	8.5	5.0	1.6	5.0	8.5	12.0	15.6
57.5°	23.1	19.2	15.5	12.1	8.8	5.6	2.4	5.6	8.8	12.1	15.5
60°	22.3	18.9	15.0	11.6	8.3	5.3	2.4	5.3	8.3	11.6	15.0
62.5°	21.1	17.5	14.1	10.9	7.9	5.1	2.4	5.1	7.9	10.9	14.1
65°	20.1	16.6	13.3	10.2	7.5	4.9	2.4	4.9	7.5	10.2	13.3
67.5°	19.3	15.7	12.4	9.4	6.9	4.6	2.4	4.6	6.9	9.4	12.4
70°	18.4	14.7	11.4	8.7	6.5	4.4	2.4	4.4	6.5	8.7	11.4
72.5°	17.5	13.9	10.9	7.8	5.6	3.9	2.4	3.9	5.6	7.8	10.9
75°	17.0	13.2	9.5	6.4	4.3	3.1	2.4	3.1	4.3	6.4	9.5
77.5°	14.7	11.9	8.1	4.4	1.5	0.3	0.0	0.3	1.5	4.4	8.1
80°	11.4	8.5	5.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.1
82.5°	8.0	4.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	5.7	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	4.9	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	4.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	4.9	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	5.7	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	8.0	4.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	11.4	8.5	5.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.1
102.5°	14.7	11.9	8.1	4.4	1.5	0.3	0.0	0.3	1.5	4.4	8.1
105°	17.0	13.2	9.5	6.4	4.3	3.1	2.4	3.1	4.3	6.4	9.5
107.5°	17.5	13.9	10.9	7.8	5.6	3.9	2.4	3.9	5.6	7.8	10.9
110°	18.4	14.7	11.4	8.7	6.5	4.4	2.4	4.4	6.5	8.7	11.4



TEST NUMBER: P232052

CATALOG NUMBER: FVS4WM-3-LD4-30-2LO-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
112.5°	19.3	15.7	12.4	9.4	6.9	4.6	2.4	4.6	6.9	9.4	12.4
115°	20.1	16.6	13.3	10.2	7.5	4.9	2.4	4.9	7.5	10.2	13.3
117.5°	21.1	17.5	14.1	10.9	7.9	5.1	2.4	5.1	7.9	10.9	14.1
120°	22.3	18.9	15.0	11.6	8.3	5.3	2.4	5.3	8.3	11.6	15.0
122.5°	23.1	19.2	15.5	12.1	8.8	5.6	2.4	5.6	8.8	12.1	15.5
125°	23.3	19.4	15.6	12.0	8.5	5.0	1.6	5.0	8.5	12.0	15.6
127.5°	23.4	19.5	15.8	12.1	8.6	5.1	1.6	5.1	8.6	12.1	15.8
130°	22.7	19.2	15.6	12.1	8.6	5.1	1.6	5.1	8.6	12.1	15.6
132.5°	22.6	18.9	15.3	11.8	8.4	5.0	1.6	5.0	8.4	11.8	15.3
135°	21.9	18.5	15.1	11.7	8.3	5.0	1.6	5.0	8.3	11.7	15.1
137.5°	21.1	17.9	14.6	11.4	8.1	4.8	1.6	4.8	8.1	11.4	14.6
140°	20.1	17.0	14.0	10.9	7.8	4.7	1.6	4.7	7.8	10.9	14.0
142.5°	19.1	16.2	13.3	10.4	7.4	4.5	1.6	4.5	7.4	10.4	13.3
145°	18.1	15.4	12.7	9.9	7.2	4.4	1.6	4.4	7.2	9.9	12.7
147.5°	16.8	14.4	11.9	9.3	6.8	4.2	1.6	4.2	6.8	9.3	11.9
150°	15.3	13.1	10.8	8.6	6.3	3.9	1.6	3.9	6.3	8.6	10.8
152.5°	13.9	11.8	9.6	7.4	5.2	3.0	0.8	3.0	5.2	7.4	9.6
155°	12.9	10.9	8.9	6.9	4.8	2.8	0.8	2.8	4.8	6.9	8.9
157.5°	12.1	10.2	8.3	6.4	4.5	2.7	0.8	2.7	4.5	6.4	8.3
160°	11.2	9.5	7.8	6.0	4.3	2.5	0.8	2.5	4.3	6.0	7.8
162.5°	10.4	8.8	7.2	5.6	4.0	2.4	0.8	2.4	4.0	5.6	7.2
165°	9.6	8.1	6.7	5.2	3.7	2.3	0.8	2.3	3.7	5.2	6.7
167.5°	8.4	7.2	5.9	4.6	3.4	2.1	0.8	2.1	3.4	4.6	5.9
170°	7.2	6.2	5.1	4.0	3.0	1.9	0.8	1.9	3.0	4.0	5.1
172.5°	5.8	5.0	4.1	3.3	2.5	1.6	0.8	1.6	2.5	3.3	4.1
175°	4.3	3.7	3.1	2.5	2.0	1.4	0.8	1.4	2.0	2.5	3.1
177.5°	3.3	3.1	2.8	2.5	2.2	1.9	1.6	1.9	2.2	2.5	2.8
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: P232052

CATALOG NUMBER: FVS4WM-3-LD4-30-2LO-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
0°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
2.5°	3.1	3.3	3.6	3.9	4.2	4.5	4.7	5.0	5.3	5.5	5.8
5°	3.7	4.3	4.8	5.4	6.0	6.5	7.1	7.6	8.2	8.7	9.2
7.5°	5.0	5.8	6.6	7.4	8.2	9.0	9.7	10.5	11.2	12.0	12.7
10°	6.2	7.2	8.3	9.3	10.4	11.4	12.4	13.4	14.4	15.3	16.3
12.5°	7.2	8.4	9.7	11.0	12.2	13.5	14.7	16.0	17.2	18.4	19.6
15°	8.1	9.6	11.1	12.5	13.9	15.4	16.8	18.2	19.6	21.0	22.5
17.5°	8.8	10.4	12.0	13.7	15.4	17.0	18.7	20.5	22.0	23.6	25.2
20°	9.5	11.2	13.0	14.7	16.5	18.2	20.0	21.8	23.7	25.6	27.6
22.5°	10.2	12.1	13.9	15.8	17.7	19.7	21.6	23.5	25.4	27.3	29.3
25°	10.9	12.9	14.9	16.9	18.9	20.9	23.0	25.1	27.2	29.3	31.4
27.5°	11.8	13.9	16.1	18.2	20.3	22.4	24.5	26.7	28.8	31.0	33.3
30°	13.1	15.3	17.6	19.8	22.0	24.2	26.4	28.6	30.7	33.0	35.3
32.5°	14.4	16.8	19.2	21.6	23.9	26.2	28.5	30.8	33.0	35.3	37.5
35°	15.4	18.1	20.8	23.5	26.0	28.4	30.7	33.0	35.4	37.8	40.7
37.5°	16.2	19.1	22.1	25.0	27.8	30.6	33.3	35.7	38.0	41.1	44.8
40°	17.0	20.1	23.1	26.1	29.2	32.3	35.4	38.3	41.5	44.8	48.3
42.5°	17.9	21.1	24.4	27.6	30.7	33.7	36.9	40.3	43.9	47.6	51.5
45°	18.5	21.9	25.4	28.8	32.2	35.6	38.5	41.7	45.4	49.4	53.6
47.5°	18.9	22.6	26.2	29.8	33.4	36.3	39.5	42.9	46.5	50.5	55.0
50°	19.2	22.7	26.5	30.5	33.7	36.6	39.9	43.4	47.2	51.4	56.0
52.5°	19.5	23.4	27.1	30.2	33.2	36.4	39.8	43.5	47.5	51.8	56.6
55°	19.4	23.3	27.1	30.0	33.0	36.1	39.5	43.2	47.4	52.0	56.9
57.5°	19.2	23.1	26.2	29.2	32.5	35.9	39.3	43.0	47.0	51.8	57.1
60°	18.9	22.3	25.4	28.6	31.8	35.3	39.0	42.9	47.0	51.3	58.0
62.5°	17.5	21.1	24.6	28.0	31.4	34.8	38.5	42.7	47.4	53.1	59.5
65°	16.6	20.1	23.6	27.4	31.1	34.6	38.3	43.1	48.7	54.6	61.3
67.5°	15.7	19.3	23.1	26.9	30.8	34.7	39.1	43.9	49.6	56.0	62.9
70°	14.7	18.4	22.5	26.8	30.8	35.2	39.9	44.9	50.4	57.3	64.5
72.5°	13.9	17.5	21.8	26.1	30.6	35.3	40.5	45.8	51.6	58.4	66.1
75°	13.2	17.0	20.3	24.7	29.9	35.2	40.9	46.8	52.8	59.5	67.9
77.5°	11.9	14.7	18.2	23.0	28.7	35.0	41.2	47.8	54.0	60.6	68.4
80°	8.5	11.4	15.6	21.0	27.5	34.6	41.2	47.8	54.4	61.2	68.7
82.5°	4.6	8.0	12.7	19.1	26.3	33.4	40.6	47.5	54.8	62.3	69.5
85°	1.5	5.7	11.2	18.0	25.5	32.8	40.3	47.7	55.3	63.7	70.9
87.5°	0.4	4.9	10.8	17.7	25.5	32.8	40.6	48.3	56.1	65.5	72.6
90°	0.0	4.8	11.2	18.3	26.3	33.5	41.4	49.4	57.4	67.7	74.9
92.5°	0.4	4.9	10.8	17.7	25.5	32.8	40.6	48.3	56.1	65.5	72.6
95°	1.5	5.7	11.2	18.0	25.5	32.8	40.3	47.7	55.3	63.7	70.9
97.5°	4.6	8.0	12.7	19.1	26.3	33.4	40.6	47.5	54.8	62.3	69.5
100°	8.5	11.4	15.6	21.0	27.5	34.6	41.2	47.8	54.4	61.2	68.7
102.5°	11.9	14.7	18.2	23.0	28.7	35.0	41.2	47.8	54.0	60.6	68.4
105°	13.2	17.0	20.3	24.7	29.9	35.2	40.9	46.8	52.8	59.5	67.9
107.5°	13.9	17.5	21.8	26.1	30.6	35.3	40.5	45.8	51.6	58.4	66.1
110°	14.7	18.4	22.5	26.8	30.8	35.2	39.9	44.9	50.4	57.3	64.5



TEST NUMBER: P232052

CATALOG NUMBER: FVS4WM-3-LD4-30-2LO-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°	15.7	19.3	23.1	26.9	30.8	34.7	39.1	43.9	49.6	56.0	62.9
115°	16.6	20.1	23.6	27.4	31.1	34.6	38.3	43.1	48.7	54.6	61.3
117.5°	17.5	21.1	24.6	28.0	31.4	34.8	38.5	42.7	47.4	53.1	59.5
120°	18.9	22.3	25.4	28.6	31.8	35.3	39.0	42.9	47.0	51.3	58.0
122.5°	19.2	23.1	26.2	29.2	32.5	35.9	39.3	43.0	47.0	51.8	57.1
125°	19.4	23.3	27.1	30.0	33.0	36.1	39.5	43.2	47.4	52.0	56.9
127.5°	19.5	23.4	27.1	30.2	33.2	36.4	39.8	43.5	47.5	51.8	56.6
130°	19.2	22.7	26.5	30.5	33.7	36.6	39.9	43.4	47.2	51.4	56.0
132.5°	18.9	22.6	26.2	29.8	33.4	36.3	39.5	42.9	46.5	50.5	55.0
135°	18.5	21.9	25.4	28.8	32.2	35.6	38.5	41.7	45.4	49.4	53.6
137.5°	17.9	21.1	24.4	27.6	30.7	33.7	36.9	40.3	43.9	47.6	51.5
140°	17.0	20.1	23.1	26.1	29.2	32.3	35.4	38.3	41.5	44.8	48.3
142.5°	16.2	19.1	22.1	25.0	27.8	30.6	33.3	35.7	38.0	41.1	44.8
145°	15.4	18.1	20.8	23.5	26.0	28.4	30.7	33.0	35.4	37.8	40.7
147.5°	14.4	16.8	19.2	21.6	23.9	26.2	28.5	30.8	33.0	35.3	37.5
150°	13.1	15.3	17.6	19.8	22.0	24.2	26.4	28.6	30.7	33.0	35.3
152.5°	11.8	13.9	16.1	18.2	20.3	22.4	24.5	26.7	28.8	31.0	33.3
155°	10.9	12.9	14.9	16.9	18.9	20.9	23.0	25.1	27.2	29.3	31.4
157.5°	10.2	12.1	13.9	15.8	17.7	19.7	21.6	23.5	25.4	27.3	29.3
160°	9.5	11.2	13.0	14.7	16.5	18.2	20.0	21.8	23.7	25.6	27.6
162.5°	8.8	10.4	12.0	13.7	15.4	17.0	18.7	20.5	22.0	23.6	25.2
165°	8.1	9.6	11.1	12.5	13.9	15.4	16.8	18.2	19.6	21.0	22.5
167.5°	7.2	8.4	9.7	11.0	12.2	13.5	14.7	16.0	17.2	18.4	19.6
170°	6.2	7.2	8.3	9.3	10.4	11.4	12.4	13.4	14.4	15.3	16.3
172.5°	5.0	5.8	6.6	7.4	8.2	9.0	9.7	10.5	11.2	12.0	12.7
175°	3.7	4.3	4.8	5.4	6.0	6.5	7.1	7.6	8.2	8.7	9.2
177.5°	3.1	3.3	3.6	3.9	4.2	4.5	4.7	5.0	5.3	5.5	5.8
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: P232052

CATALOG NUMBER: FVS4WM-3-LD4-30-2LO-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
0°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
2.5°	6.0	6.3	6.5	6.7	6.9	7.2	7.4	7.5	7.7	7.9	8.1
5°	9.7	10.2	10.7	11.2	11.6	12.0	12.5	12.9	13.3	13.6	14.0
7.5°	13.4	14.0	14.7	15.3	16.0	16.6	17.3	17.9	18.5	19.0	19.6
10°	17.2	18.1	19.0	19.8	20.6	21.4	22.1	22.9	23.5	24.3	25.0
12.5°	20.8	21.9	23.0	24.1	25.2	26.2	27.1	28.0	28.9	29.7	30.5
15°	23.9	25.3	26.7	28.1	29.4	30.6	31.8	33.0	34.1	35.1	36.0
17.5°	26.8	28.3	29.9	31.5	33.1	34.7	36.2	37.6	39.0	40.3	41.5
20°	29.5	31.4	33.1	34.8	36.5	38.3	40.1	41.9	43.7	45.2	46.7
22.5°	31.4	33.6	35.8	38.1	40.0	41.9	43.8	45.8	47.9	49.9	51.7
25°	33.5	35.6	37.8	40.3	42.9	45.5	47.6	49.7	51.8	54.1	57.8
27.5°	35.6	37.9	40.2	42.6	45.0	48.0	52.4	56.7	60.9	65.1	69.6
30°	37.5	40.0	42.6	46.2	50.4	54.9	60.0	65.4	70.6	75.5	80.5
32.5°	39.8	43.4	47.5	52.0	56.7	61.6	66.8	72.7	79.0	85.1	90.8
35°	44.4	48.2	52.6	57.1	62.2	67.5	73.2	79.3	86.2	93.6	100.5
37.5°	48.7	52.8	57.1	61.8	67.1	72.9	78.9	85.6	92.7	100.9	109.4
40°	52.2	56.7	61.4	66.2	71.6	77.6	84.2	91.2	99.0	107.4	117.1
42.5°	55.4	59.7	64.9	70.3	75.8	82.0	89.0	96.6	104.6	113.9	124.1
45°	58.0	62.7	67.6	73.6	79.8	86.0	93.3	101.4	110.1	119.8	130.5
47.5°	59.8	65.0	70.3	76.1	83.0	90.1	97.2	105.9	115.3	125.2	136.9
50°	61.1	66.5	72.4	78.7	85.6	93.6	101.4	110.0	119.4	129.2	139.9
52.5°	61.9	67.7	74.0	80.8	88.0	96.8	105.5	113.2	122.5	132.3	142.8
55°	62.5	68.6	75.4	83.8	92.6	101.5	110.1	117.8	126.0	135.7	146.2
57.5°	62.9	70.5	78.7	87.4	97.1	106.6	115.4	122.9	129.9	139.5	150.1
60°	65.2	72.9	81.6	90.8	101.0	111.6	121.5	128.7	135.3	143.9	154.2
62.5°	67.2	75.3	84.3	94.1	104.6	116.5	127.3	135.0	141.2	148.5	158.4
65°	69.0	77.6	86.8	97.1	108.3	120.8	132.9	142.1	147.7	153.5	163.0
67.5°	70.8	79.8	89.6	100.2	111.9	124.9	138.5	149.7	154.5	159.4	168.2
70°	72.6	82.0	92.2	103.3	115.4	128.9	144.0	156.7	161.9	165.7	172.4
72.5°	74.5	84.1	94.9	106.5	118.9	131.8	145.5	157.0	162.6	166.2	172.4
75°	76.4	85.7	95.5	106.2	118.2	131.3	144.3	155.3	162.3	166.5	172.7
77.5°	76.5	85.1	94.5	105.2	117.6	131.2	143.9	154.2	161.8	166.8	173.2
80°	76.9	85.2	94.1	104.5	117.2	131.5	144.5	153.5	161.2	166.9	173.9
82.5°	77.7	85.9	94.2	104.2	117.1	132.2	145.7	153.3	160.6	167.1	174.7
85°	79.0	87.1	94.7	104.3	117.4	133.3	147.5	153.4	160.1	167.3	175.8
87.5°	80.7	88.7	95.8	104.9	118.2	134.9	149.7	153.9	159.6	167.6	177.0
90°	82.8	90.8	97.2	105.9	119.5	137.0	152.1	154.5	159.3	168.1	178.4
92.5°	80.7	88.7	95.8	104.9	118.2	134.9	149.7	153.9	159.6	167.6	177.0
95°	79.0	87.1	94.7	104.3	117.4	133.3	147.5	153.4	160.1	167.3	175.8
97.5°	77.7	85.9	94.2	104.2	117.1	132.2	145.7	153.3	160.6	167.1	174.7
100°	76.9	85.2	94.1	104.5	117.2	131.5	144.5	153.5	161.2	166.9	173.9
102.5°	76.5	85.1	94.5	105.2	117.6	131.2	143.9	154.2	161.8	166.8	173.2
105°	76.4	85.7	95.5	106.2	118.2	131.3	144.3	155.3	162.3	166.5	172.7
107.5°	74.5	84.1	94.9	106.5	118.9	131.8	145.5	157.0	162.6	166.2	172.4
110°	72.6	82.0	92.2	103.3	115.4	128.9	144.0	156.7	161.9	165.7	172.4



TEST NUMBER: P232052

CATALOG NUMBER: FVS4WM-3-LD4-30-2LO-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
112.5°	70.8	79.8	89.6	100.2	111.9	124.9	138.5	149.7	154.5	159.4	168.2
115°	69.0	77.6	86.8	97.1	108.3	120.8	132.9	142.1	147.7	153.5	163.0
117.5°	67.2	75.3	84.3	94.1	104.6	116.5	127.3	135.0	141.2	148.5	158.4
120°	65.2	72.9	81.6	90.8	101.0	111.6	121.5	128.7	135.3	143.9	154.2
122.5°	62.9	70.5	78.7	87.4	97.1	106.6	115.4	122.9	129.9	139.5	150.1
125°	62.5	68.6	75.4	83.8	92.6	101.5	110.1	117.8	126.0	135.7	146.2
127.5°	61.9	67.7	74.0	80.8	88.0	96.8	105.5	113.2	122.5	132.3	142.8
130°	61.1	66.5	72.4	78.7	85.6	93.6	101.4	110.0	119.4	129.2	139.9
132.5°	59.8	65.0	70.3	76.1	83.0	90.1	97.2	105.9	115.3	125.2	136.9
135°	58.0	62.7	67.6	73.6	79.8	86.0	93.3	101.4	110.1	119.8	130.5
137.5°	55.4	59.7	64.9	70.3	75.8	82.0	89.0	96.6	104.6	113.9	124.1
140°	52.2	56.7	61.4	66.2	71.6	77.6	84.2	91.2	99.0	107.4	117.1
142.5°	48.7	52.8	57.1	61.8	67.1	72.9	78.9	85.6	92.7	100.9	109.4
145°	44.4	48.2	52.6	57.1	62.2	67.5	73.2	79.3	86.2	93.6	100.5
147.5°	39.8	43.4	47.5	52.0	56.7	61.6	66.8	72.7	79.0	85.1	90.8
150°	37.5	40.0	42.6	46.2	50.4	54.9	60.0	65.4	70.6	75.5	80.5
152.5°	35.6	37.9	40.2	42.6	45.0	48.0	52.4	56.7	60.9	65.1	69.6
155°	33.5	35.6	37.8	40.3	42.9	45.5	47.6	49.7	51.8	54.1	57.8
157.5°	31.4	33.6	35.8	38.1	40.0	41.9	43.8	45.8	47.9	49.9	51.7
160°	29.5	31.4	33.1	34.8	36.5	38.3	40.1	41.9	43.7	45.2	46.7
162.5°	26.8	28.3	29.9	31.5	33.1	34.7	36.2	37.6	39.0	40.3	41.5
165°	23.9	25.3	26.7	28.1	29.4	30.6	31.8	33.0	34.1	35.1	36.0
167.5°	20.8	21.9	23.0	24.1	25.2	26.2	27.1	28.0	28.9	29.7	30.5
170°	17.2	18.1	19.0	19.8	20.6	21.4	22.1	22.9	23.5	24.3	25.0
172.5°	13.4	14.0	14.7	15.3	16.0	16.6	17.3	17.9	18.5	19.0	19.6
175°	9.7	10.2	10.7	11.2	11.6	12.0	12.5	12.9	13.3	13.6	14.0
177.5°	6.0	6.3	6.5	6.7	6.9	7.2	7.4	7.5	7.7	7.9	8.1
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: P232052

CATALOG NUMBER: FVS4WM-3-LD4-30-2LO-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
0°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
2.5°	8.2	8.4	8.5	8.6	8.7	8.8	8.9	8.9	9.0	9.0	10.0
5°	14.3	14.7	15.0	15.3	15.5	15.8	16.0	16.2	16.3	16.5	18.3
7.5°	20.1	20.6	21.0	21.6	22.0	22.5	22.9	23.3	23.6	23.9	26.6
10°	25.7	26.4	27.0	27.6	28.2	29.0	29.6	30.2	30.8	31.3	34.9
12.5°	31.3	32.1	32.9	33.6	34.3	35.2	36.2	37.1	38.0	38.8	43.2
15°	36.9	37.8	38.7	39.6	40.5	41.3	42.6	43.8	45.1	46.2	51.4
17.5°	42.6	43.6	44.5	45.6	46.6	47.6	48.8	50.5	52.1	53.6	59.7
20°	48.1	49.3	50.4	51.5	52.7	53.8	55.0	57.0	59.1	61.1	67.9
22.5°	53.3	55.0	56.2	57.5	58.7	60.0	61.3	63.4	66.0	68.5	76.1
25°	61.3	64.5	67.6	70.5	73.2	76.0	78.6	81.7	85.5	89.1	97.6
27.5°	74.1	78.1	81.9	85.7	89.3	92.9	96.4	100.1	105.1	109.7	119.2
30°	85.8	91.0	95.6	100.2	104.9	109.4	114.0	118.2	124.5	130.4	140.9
32.5°	96.9	103.1	108.9	114.2	119.8	125.6	131.2	136.5	143.8	151.0	162.6
35°	107.3	114.4	121.6	127.9	134.2	141.3	148.1	154.6	162.9	171.6	184.3
37.5°	117.2	125.2	133.5	141.1	148.5	156.5	164.7	172.5	182.0	192.2	206.1
40°	126.4	135.4	144.8	154.0	162.1	171.4	181.1	190.2	201.0	212.9	227.8
42.5°	135.1	145.3	155.7	166.8	175.8	185.9	197.5	207.8	219.9	233.5	249.6
45°	142.8	154.6	166.2	178.2	189.1	200.1	213.0	225.2	238.7	254.1	271.3
47.5°	149.4	161.4	172.3	183.5	194.3	205.0	218.8	232.5	247.5	264.7	283.7
50°	151.4	163.3	174.1	185.1	196.3	207.9	223.4	239.2	256.1	275.3	296.0
52.5°	154.2	165.6	176.3	186.9	198.1	211.0	227.7	245.6	264.6	286.0	308.4
55°	157.6	168.6	179.0	189.1	200.0	213.9	231.8	251.9	273.1	296.6	320.7
57.5°	161.3	172.3	182.1	191.7	202.3	216.7	235.8	258.1	281.5	307.2	333.1
60°	165.4	176.6	186.1	194.8	204.9	219.4	239.7	264.1	290.0	317.8	345.5
62.5°	169.9	181.3	189.7	198.2	207.7	222.0	243.5	270.0	298.3	328.5	357.9
65°	174.6	186.0	194.2	201.9	210.7	224.6	247.2	275.9	306.7	339.1	370.3
67.5°	179.5	190.9	199.2	205.9	214.0	227.2	250.8	281.7	315.1	349.7	382.7
70°	182.2	192.4	199.7	205.2	212.9	225.4	248.3	279.2	313.5	349.0	385.6
72.5°	181.3	190.5	197.5	202.5	210.6	223.2	245.6	276.5	311.9	348.3	388.5
75°	180.9	189.0	195.6	199.9	208.4	221.3	243.1	274.0	310.4	347.6	392.9
77.5°	181.0	187.9	193.8	197.4	206.1	219.5	240.7	271.5	309.0	346.9	395.4
80°	181.4	187.1	192.2	194.8	203.9	218.0	238.6	269.2	307.6	346.1	397.9
82.5°	182.2	186.5	190.6	192.4	201.8	216.6	236.6	267.0	306.2	345.4	400.4
85°	183.2	186.1	189.2	190.0	199.7	215.4	234.8	265.0	305.0	344.7	402.8
87.5°	184.4	185.8	187.8	187.8	197.8	214.4	233.2	263.1	303.8	344.0	405.3
90°	185.6	185.6	186.4	185.6	196.0	213.5	231.8	261.3	302.7	343.3	407.8
92.5°	184.4	185.8	187.8	187.8	197.8	214.4	233.2	263.1	303.8	344.0	405.3
95°	183.2	186.1	189.2	190.0	199.7	215.4	234.8	265.0	305.0	344.7	402.8
97.5°	182.2	186.5	190.6	192.4	201.8	216.6	236.6	267.0	306.2	345.4	400.4
100°	181.4	187.1	192.2	194.8	203.9	218.0	238.6	269.2	307.6	346.1	397.9
102.5°	181.0	187.9	193.8	197.4	206.1	219.5	240.7	271.5	309.0	346.9	395.4
105°	180.9	189.0	195.6	199.9	208.4	221.3	243.1	274.0	310.4	347.6	392.9
107.5°	181.3	190.5	197.5	202.5	210.6	223.2	245.6	276.5	311.9	348.3	388.5
110°	182.2	192.4	199.7	205.2	212.9	225.4	248.3	279.2	313.5	349.0	385.6





TEST NUMBER: P232052

CATALOG NUMBER: FVS4WM-3-LD4-30-2LO-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°	179.5	190.9	199.2	205.9	214.0	227.2	250.8	281.7	315.1	349.7	382.7
115°	174.6	186.0	194.2	201.9	210.7	224.6	247.2	275.9	306.7	339.1	370.3
117.5°	169.9	181.3	189.7	198.2	207.7	222.0	243.5	270.0	298.3	328.5	357.9
120°	165.4	176.6	186.1	194.8	204.9	219.4	239.7	264.1	290.0	317.8	345.5
122.5°	161.3	172.3	182.1	191.7	202.3	216.7	235.8	258.1	281.5	307.2	333.1
125°	157.6	168.6	179.0	189.1	200.0	213.9	231.8	251.9	273.1	296.6	320.7
127.5°	154.2	165.6	176.3	186.9	198.1	211.0	227.7	245.6	264.6	286.0	308.4
130°	151.4	163.3	174.1	185.1	196.3	207.9	223.4	239.2	256.1	275.3	296.0
132.5°	149.4	161.4	172.3	183.5	194.3	205.0	218.8	232.5	247.5	264.7	283.7
135°	142.8	154.6	166.2	178.2	189.1	200.1	213.0	225.2	238.7	254.1	271.3
137.5°	135.1	145.3	155.7	166.8	175.8	185.9	197.5	207.8	219.9	233.5	249.6
140°	126.4	135.4	144.8	154.0	162.1	171.4	181.1	190.2	201.0	212.9	227.8
142.5°	117.2	125.2	133.5	141.1	148.5	156.5	164.7	172.5	182.0	192.2	206.1
145°	107.3	114.4	121.6	127.9	134.2	141.3	148.1	154.6	162.9	171.6	184.3
147.5°	96.9	103.1	108.9	114.2	119.8	125.6	131.2	136.5	143.8	151.0	162.6
150°	85.8	91.0	95.6	100.2	104.9	109.4	114.0	118.2	124.5	130.4	140.9
152.5°	74.1	78.1	81.9	85.7	89.3	92.9	96.4	100.1	105.1	109.7	119.2
155°	61.3	64.5	67.6	70.5	73.2	76.0	78.6	81.7	85.5	89.1	97.6
157.5°	53.3	55.0	56.2	57.5	58.7	60.0	61.3	63.4	66.0	68.5	76.1
160°	48.1	49.3	50.4	51.5	52.7	53.8	55.0	57.0	59.1	61.1	67.9
162.5°	42.6	43.6	44.5	45.6	46.6	47.6	48.8	50.5	52.1	53.6	59.7
165°	36.9	37.8	38.7	39.6	40.5	41.3	42.6	43.8	45.1	46.2	51.4
167.5°	31.3	32.1	32.9	33.6	34.3	35.2	36.2	37.1	38.0	38.8	43.2
170°	25.7	26.4	27.0	27.6	28.2	29.0	29.6	30.2	30.8	31.3	34.9
172.5°	20.1	20.6	21.0	21.6	22.0	22.5	22.9	23.3	23.6	23.9	26.6
175°	14.3	14.7	15.0	15.3	15.5	15.8	16.0	16.2	16.3	16.5	18.3
177.5°	8.2	8.4	8.5	8.6	8.7	8.8	8.9	8.9	9.0	9.0	10.0
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: P232052

CATALOG NUMBER: FVS4WM-3-LD4-30-2LO-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
0°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
2.5°	10.9	11.8	12.6	13.5	14.3	15.1	15.9	16.6	17.4	18.0	18.7
5°	20.1	21.9	23.6	25.3	26.9	28.5	30.0	31.5	33.0	34.3	35.7
7.5°	29.3	31.9	34.5	37.0	39.4	41.8	44.2	47.0	49.7	52.4	54.9
10°	38.4	41.9	45.3	48.6	51.9	55.9	59.8	63.6	67.2	70.7	74.3
12.5°	47.5	51.8	56.0	60.5	65.5	70.5	75.3	80.0	84.4	88.6	92.5
15°	56.6	61.7	66.8	73.0	79.0	85.0	90.7	96.2	101.4	106.5	111.9
17.5°	65.6	71.4	78.2	85.4	92.4	99.3	106.0	112.5	118.8	124.3	129.3
20°	74.6	81.3	89.6	97.7	105.8	113.8	121.6	129.1	135.6	141.8	147.6
22.5°	83.5	91.6	100.9	110.0	119.3	128.5	137.4	145.2	152.6	159.3	164.5
25°	105.7	114.6	123.9	132.9	141.8	150.3	157.8	164.8	170.8	175.2	180.9
27.5°	128.3	138.4	148.4	158.0	167.2	175.6	183.0	189.8	194.5	198.9	199.8
30°	151.1	162.1	172.9	182.5	192.5	199.7	207.2	212.6	217.5	219.1	219.3
32.5°	173.9	185.6	196.6	206.4	215.4	223.0	229.6	234.9	237.9	238.5	238.9
35°	196.7	209.0	220.0	229.8	238.1	246.0	251.3	256.1	257.2	258.0	258.6
37.5°	219.4	232.2	242.9	252.6	260.1	266.8	272.4	275.3	276.9	277.6	278.6
40°	242.0	255.2	265.4	274.3	281.4	287.4	292.5	294.4	295.9	297.1	299.4
42.5°	264.4	277.9	287.6	295.5	302.0	307.7	311.5	313.6	315.2	317.1	319.4
45°	286.8	300.1	309.3	316.1	322.0	327.4	330.4	332.7	334.5	336.6	339.8
47.5°	301.5	317.4	330.1	339.1	346.9	352.8	354.6	353.9	353.7	355.8	359.8
50°	316.2	335.0	351.5	364.1	377.0	387.3	393.9	397.6	398.3	395.8	391.3
52.5°	331.1	353.2	373.6	390.4	409.2	424.3	435.8	444.4	450.0	448.9	445.8
55°	346.1	372.1	396.5	418.3	443.2	463.4	480.4	494.3	504.0	502.4	498.2
57.5°	361.4	391.5	420.3	447.8	478.9	504.7	527.2	547.1	557.1	555.3	548.7
60°	376.8	411.4	444.7	478.6	515.6	547.7	576.2	602.3	610.7	606.2	597.7
62.5°	392.3	431.7	469.8	510.5	553.7	592.2	627.1	659.8	664.5	655.5	643.8
65°	407.9	452.3	495.3	543.2	593.0	637.9	679.7	714.8	718.4	703.5	687.0
67.5°	423.5	473.2	521.2	576.7	633.1	684.8	733.6	768.0	768.1	749.7	727.7
70°	427.3	478.0	526.9	586.4	647.2	706.3	765.2	804.3	808.9	792.2	768.5
72.5°	430.5	481.1	529.4	589.5	650.3	711.8	774.0	814.3	825.3	814.0	795.5
75°	433.5	483.9	531.3	591.8	652.8	716.8	782.4	826.0	845.0	837.0	821.6
77.5°	436.3	486.3	532.8	593.4	654.4	721.4	790.3	839.2	867.5	861.2	848.3
80°	440.2	488.3	533.8	594.2	655.3	725.3	797.4	853.2	892.1	886.4	875.6
82.5°	442.1	491.2	535.9	594.4	655.5	728.5	803.7	867.6	918.0	912.4	903.3
85°	444.0	491.8	535.1	595.1	656.4	733.0	811.6	884.5	944.4	939.0	931.4
87.5°	445.8	492.5	534.4	593.1	654.0	732.9	814.1	896.3	971.3	966.0	959.8
90°	447.7	493.1	533.7	591.1	651.6	732.8	816.5	908.1	995.7	993.3	988.5
92.5°	445.8	492.5	534.4	593.1	654.0	732.9	814.1	896.3	971.3	966.0	959.8
95°	444.0	491.8	535.1	595.1	656.4	733.0	811.6	884.5	944.4	939.0	931.4
97.5°	442.1	491.2	535.9	594.4	655.5	728.5	803.7	867.6	918.0	912.4	903.3
100°	440.2	488.3	533.8	594.2	655.3	725.3	797.4	853.2	892.1	886.4	875.6
102.5°	436.3	486.3	532.8	593.4	654.4	721.4	790.3	839.2	867.5	861.2	848.3
105°	433.5	483.9	531.3	591.8	652.8	716.8	782.4	826.0	845.0	837.0	821.6
107.5°	430.5	481.1	529.4	589.5	650.3	711.8	774.0	814.3	825.3	814.0	795.5
110°	427.3	478.0	526.9	586.4	647.2	706.3	765.2	804.3	808.9	792.2	768.5



TEST NUMBER: P232052

CATALOG NUMBER: FVS4WM-3-LD4-30-2LO-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
112.5°	423.5	473.2	521.2	576.7	633.1	684.8	733.6	768.0	768.1	749.7	727.7
115°	407.9	452.3	495.3	543.2	593.0	637.9	679.7	714.8	718.4	703.5	687.0
117.5°	392.3	431.7	469.8	510.5	553.7	592.2	627.1	659.8	664.5	655.5	643.8
120°	376.8	411.4	444.7	478.6	515.6	547.7	576.2	602.3	610.7	606.2	597.7
122.5°	361.4	391.5	420.3	447.8	478.9	504.7	527.2	547.1	557.1	555.3	548.7
125°	346.1	372.1	396.5	418.3	443.2	463.4	480.4	494.3	504.0	502.4	498.2
127.5°	331.1	353.2	373.6	390.4	409.2	424.3	435.8	444.4	450.0	448.9	445.8
130°	316.2	335.0	351.5	364.1	377.0	387.3	393.9	397.6	398.3	395.8	391.3
132.5°	301.5	317.4	330.1	339.1	346.9	352.8	354.6	353.9	353.7	355.8	359.8
135°	286.8	300.1	309.3	316.1	322.0	327.4	330.4	332.7	334.5	336.6	339.8
137.5°	264.4	277.9	287.6	295.5	302.0	307.7	311.5	313.6	315.2	317.1	319.4
140°	242.0	255.2	265.4	274.3	281.4	287.4	292.5	294.4	295.9	297.1	299.4
142.5°	219.4	232.2	242.9	252.6	260.1	266.8	272.4	275.3	276.9	277.6	278.6
145°	196.7	209.0	220.0	229.8	238.1	246.0	251.3	256.1	257.2	258.0	258.6
147.5°	173.9	185.6	196.6	206.4	215.4	223.0	229.6	234.9	237.9	238.5	238.9
150°	151.1	162.1	172.9	182.5	192.5	199.7	207.2	212.6	217.5	219.1	219.3
152.5°	128.3	138.4	148.4	158.0	167.2	175.6	183.0	189.8	194.5	198.9	199.8
155°	105.7	114.6	123.9	132.9	141.8	150.3	157.8	164.8	170.8	175.2	180.9
157.5°	83.5	91.6	100.9	110.0	119.3	128.5	137.4	145.2	152.6	159.3	164.5
160°	74.6	81.3	89.6	97.7	105.8	113.8	121.6	129.1	135.6	141.8	147.6
162.5°	65.6	71.4	78.2	85.4	92.4	99.3	106.0	112.5	118.8	124.3	129.3
165°	56.6	61.7	66.8	73.0	79.0	85.0	90.7	96.2	101.4	106.5	111.9
167.5°	47.5	51.8	56.0	60.5	65.5	70.5	75.3	80.0	84.4	88.6	92.5
170°	38.4	41.9	45.3	48.6	51.9	55.9	59.8	63.6	67.2	70.7	74.3
172.5°	29.3	31.9	34.5	37.0	39.4	41.8	44.2	47.0	49.7	52.4	54.9
175°	20.1	21.9	23.6	25.3	26.9	28.5	30.0	31.5	33.0	34.3	35.7
177.5°	10.9	11.8	12.6	13.5	14.3	15.1	15.9	16.6	17.4	18.0	18.7
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: P232052

CATALOG NUMBER: FVS4WM-3-LD4-30-2LO-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
0°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
2.5°	19.3	19.9	20.5	21.0	21.5	22.0	22.4	22.8	23.1	23.4	23.6
5°	37.3	38.8	40.3	41.7	43.0	44.2	45.3	46.4	47.3	48.1	48.9
7.5°	57.4	59.7	61.9	64.0	65.8	67.4	68.9	70.2	71.3	72.3	73.2
10°	77.1	79.9	82.5	84.9	87.2	89.3	91.3	92.8	94.0	95.1	95.9
12.5°	96.2	99.8	103.0	105.7	108.1	110.3	112.2	113.9	115.4	116.7	117.7
15°	115.3	119.0	122.5	125.7	128.6	131.0	133.1	135.1	136.8	138.3	139.8
17.5°	134.0	139.0	141.9	145.2	148.2	151.0	153.6	156.3	159.0	161.6	164.2
20°	152.2	156.4	160.4	163.9	166.7	169.7	172.8	176.0	179.4	182.8	186.3
22.5°	169.4	173.6	176.3	179.1	182.3	185.6	189.2	193.1	197.5	202.9	208.3
25°	184.0	186.2	189.1	191.7	195.0	198.7	204.4	210.5	216.8	223.5	231.1
27.5°	199.5	199.0	198.6	201.5	206.9	213.2	220.6	228.1	236.7	245.2	254.6
30°	219.2	218.8	218.7	220.6	222.3	227.2	236.3	245.6	256.7	267.8	279.6
32.5°	239.0	239.7	241.9	244.4	248.5	252.3	257.5	264.1	277.1	292.3	307.4
35°	259.6	262.0	265.1	269.6	274.6	281.0	287.1	296.5	305.1	321.6	344.9
37.5°	281.1	284.3	289.1	295.0	302.2	311.1	322.2	334.8	353.0	371.9	392.2
40°	302.1	307.0	313.2	321.3	332.1	344.8	363.0	383.8	407.3	432.8	457.9
42.5°	323.9	329.5	338.2	350.0	364.4	386.1	409.4	438.0	468.9	497.3	526.8
45°	344.6	353.3	364.7	380.7	403.9	429.8	461.6	493.8	528.7	564.3	602.9
47.5°	366.8	376.4	394.0	416.8	445.0	478.4	513.7	552.2	593.1	635.6	679.7
50°	390.6	404.1	424.7	455.1	489.1	525.9	567.8	612.2	660.7	706.8	755.8
52.5°	444.4	450.9	468.8	494.3	533.5	575.9	622.4	673.5	723.0	776.1	832.1
55°	497.6	504.5	524.1	549.1	584.0	625.7	675.4	729.3	784.6	842.4	907.8
57.5°	546.6	555.6	573.6	599.9	637.6	682.4	731.3	783.9	841.6	907.3	979.9
60°	593.2	601.4	619.4	649.0	688.2	734.0	784.4	838.7	899.0	966.2	1050.4
62.5°	638.8	644.9	661.1	692.7	734.7	781.1	832.1	888.7	955.4	1032.0	1117.6
65°	680.3	684.7	702.6	734.5	776.4	822.0	874.4	937.8	1010.3	1091.8	1184.3
67.5°	718.2	720.5	739.6	773.1	813.6	859.2	913.7	981.4	1058.2	1146.2	1257.2
70°	754.6	753.5	772.6	807.6	845.6	891.6	951.4	1021.8	1100.9	1194.4	1321.8
72.5°	784.8	785.6	804.3	838.0	873.3	921.2	983.9	1054.8	1135.8	1240.9	1368.3
75°	812.0	812.9	829.5	857.4	891.8	941.6	1009.2	1081.5	1161.6	1274.0	1412.7
77.5°	838.7	837.6	851.1	872.6	904.3	955.1	1023.2	1100.9	1191.2	1307.4	1449.6
80°	865.0	860.2	869.4	884.0	913.1	963.9	1034.3	1117.3	1215.3	1340.2	1486.0
82.5°	891.0	881.4	885.4	892.7	918.8	968.4	1042.3	1130.3	1232.4	1362.5	1516.7
85°	916.9	901.6	899.5	899.3	921.9	969.2	1046.9	1139.6	1242.7	1374.6	1539.8
87.5°	942.8	921.1	912.6	904.5	923.6	967.9	1049.8	1147.0	1249.4	1381.2	1559.8
90°	969.4	941.5	925.6	909.7	923.2	962.3	1045.1	1144.7	1244.2	1370.9	1556.5
92.5°	942.8	921.1	912.6	904.5	923.6	967.9	1049.8	1147.0	1249.4	1381.2	1559.8
95°	916.9	901.6	899.5	899.3	921.9	969.2	1046.9	1139.6	1242.7	1374.6	1539.8
97.5°	891.0	881.4	885.4	892.7	918.8	968.4	1042.3	1130.3	1232.4	1362.5	1516.7
100°	865.0	860.2	869.4	884.0	913.1	963.9	1034.3	1117.3	1215.3	1340.2	1486.0
102.5°	838.7	837.6	851.1	872.6	904.3	955.1	1023.2	1100.9	1191.2	1307.4	1449.6
105°	812.0	812.9	829.5	857.4	891.8	941.6	1009.2	1081.5	1161.6	1274.0	1412.7
107.5°	784.8	785.6	804.3	838.0	873.3	921.2	983.9	1054.8	1135.8	1240.9	1368.3
110°	754.6	753.5	772.6	807.6	845.6	891.6	951.4	1021.8	1100.9	1194.4	1321.8



TEST NUMBER: P232052

CATALOG NUMBER: FVS4WM-3-LD4-30-2LO-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°	718.2	720.5	739.6	773.1	813.6	859.2	913.7	981.4	1058.2	1146.2	1257.2
115°	680.3	684.7	702.6	734.5	776.4	822.0	874.4	937.8	1010.3	1091.8	1184.3
117.5°	638.8	644.9	661.1	692.7	734.7	781.1	832.1	888.7	955.4	1032.0	1117.6
120°	593.2	601.4	619.4	649.0	688.2	734.0	784.4	838.7	899.0	966.2	1050.4
122.5°	546.6	555.6	573.6	599.9	637.6	682.4	731.3	783.9	841.6	907.3	979.9
125°	497.6	504.5	524.1	549.1	584.0	625.7	675.4	729.3	784.6	842.4	907.8
127.5°	444.4	450.9	468.8	494.3	533.5	575.9	622.4	673.5	723.0	776.1	832.1
130°	390.6	404.1	424.7	455.1	489.1	525.9	567.8	612.2	660.7	706.8	755.8
132.5°	366.8	376.4	394.0	416.8	445.0	478.4	513.7	552.2	593.1	635.6	679.7
135°	344.6	353.3	364.7	380.7	403.9	429.8	461.6	493.8	528.7	564.3	602.9
137.5°	323.9	329.5	338.2	350.0	364.4	386.1	409.4	438.0	468.9	497.3	526.8
140°	302.1	307.0	313.2	321.3	332.1	344.8	363.0	383.8	407.3	432.8	457.9
142.5°	281.1	284.3	289.1	295.0	302.2	311.1	322.2	334.8	353.0	371.9	392.2
145°	259.6	262.0	265.1	269.6	274.6	281.0	287.1	296.5	305.1	321.6	344.9
147.5°	239.0	239.7	241.9	244.4	248.5	252.3	257.5	264.1	277.1	292.3	307.4
150°	219.2	218.8	218.7	220.6	222.3	227.2	236.3	245.6	256.7	267.8	279.6
152.5°	199.5	199.0	198.6	201.5	206.9	213.2	220.6	228.1	236.7	245.2	254.6
155°	184.0	186.2	189.1	191.7	195.0	198.7	204.4	210.5	216.8	223.5	231.1
157.5°	169.4	173.6	176.3	179.1	182.3	185.6	189.2	193.1	197.5	202.9	208.3
160°	152.2	156.4	160.4	163.9	166.7	169.7	172.8	176.0	179.4	182.8	186.3
162.5°	134.0	139.0	141.9	145.2	148.2	151.0	153.6	156.3	159.0	161.6	164.2
165°	115.3	119.0	122.5	125.7	128.6	131.0	133.1	135.1	136.8	138.3	139.8
167.5°	96.2	99.8	103.0	105.7	108.1	110.3	112.2	113.9	115.4	116.7	117.7
170°	77.1	79.9	82.5	84.9	87.2	89.3	91.3	92.8	94.0	95.1	95.9
172.5°	57.4	59.7	61.9	64.0	65.8	67.4	68.9	70.2	71.3	72.3	73.2
175°	37.3	38.8	40.3	41.7	43.0	44.2	45.3	46.4	47.3	48.1	48.9
177.5°	19.3	19.9	20.5	21.0	21.5	22.0	22.4	22.8	23.1	23.4	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: P232052

CATALOG NUMBER: FVS4WM-3-LD4-30-2LO-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
0°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
2.5°	23.9	24.0	24.2	24.2	24.3	24.3	25.0	24.7	24.4	24.0	23.7
5°	49.5	50.1	50.5	50.9	51.1	51.3	51.3	51.3	51.9	51.3	50.7
7.5°	74.0	74.6	75.0	75.3	75.5	75.5	75.4	75.1	74.7	74.7	73.7
10°	96.6	97.1	97.4	97.5	97.4	97.2	96.8	96.2	95.4	95.2	93.7
12.5°	118.5	119.2	119.6	119.8	119.8	119.6	119.2	118.6	117.8	116.7	115.9
15°	141.6	143.3	144.9	146.2	147.4	148.4	149.2	149.7	149.9	149.8	150.1
17.5°	166.8	169.3	171.8	174.1	176.2	178.2	179.9	181.3	182.4	183.2	184.6
20°	189.8	193.5	197.6	201.4	205.0	208.3	211.3	214.0	216.3	218.1	220.6
22.5°	213.6	218.9	224.5	230.1	235.4	240.4	244.9	249.1	252.7	255.8	259.7
25°	238.5	245.8	252.9	260.5	267.8	274.7	281.1	286.9	292.2	296.8	300.6
27.5°	264.4	273.9	283.3	293.1	303.3	312.8	321.7	329.8	337.1	343.6	349.0
30°	292.1	305.2	317.9	330.3	344.2	356.9	368.2	378.3	387.0	394.4	400.5
32.5°	323.9	343.0	360.7	377.2	393.7	409.5	423.3	435.0	444.9	452.8	459.0
35°	366.8	390.8	413.9	434.8	453.5	470.7	485.3	497.4	507.1	514.5	519.7
37.5°	421.5	448.8	475.0	498.2	518.4	538.8	556.3	570.4	581.3	589.0	593.8
40°	483.5	512.9	544.4	573.5	598.6	621.2	641.1	657.2	669.4	677.9	682.7
42.5°	559.6	592.3	626.5	659.9	688.9	714.7	740.8	762.5	779.6	792.0	799.6
45°	640.9	679.7	716.7	757.1	794.5	832.0	858.9	884.8	904.7	918.5	926.4
47.5°	723.3	770.2	817.7	867.1	913.7	953.7	993.1	1030.5	1061.1	1084.5	1100.2
50°	808.6	863.2	923.4	983.3	1050.8	1105.5	1154.5	1199.4	1238.9	1272.2	1297.8
52.5°	894.0	959.3	1034.2	1111.8	1188.2	1256.3	1314.0	1369.6	1419.8	1463.2	1498.5
55°	978.0	1060.3	1144.7	1230.0	1315.2	1399.1	1470.6	1529.7	1583.0	1631.3	1673.0
57.5°	1064.4	1154.5	1246.9	1348.2	1450.2	1523.9	1595.9	1660.0	1717.7	1770.5	1817.1
60°	1143.4	1243.1	1357.7	1460.3	1549.6	1628.5	1700.0	1767.9	1829.0	1883.9	1931.7
62.5°	1217.4	1343.1	1453.8	1553.5	1636.2	1715.9	1789.6	1861.6	1921.8	1978.8	2030.6
65°	1307.4	1426.1	1533.4	1622.5	1707.0	1788.3	1864.6	1934.4	2000.9	2061.6	2113.0
67.5°	1382.0	1499.3	1590.9	1677.8	1764.7	1851.2	1931.2	2007.1	2076.0	2131.5	2178.7
70°	1444.7	1555.5	1647.6	1727.9	1818.5	1905.9	1990.0	2068.1	2137.3	2199.2	2247.0
72.5°	1497.4	1609.3	1697.4	1783.9	1866.7	1951.7	2043.9	2125.4	2205.1	2265.1	2305.5
75°	1544.4	1649.9	1739.6	1825.6	1909.5	2002.1	2089.0	2171.3	2243.2	2313.3	2362.5
77.5°	1585.1	1685.6	1770.2	1855.3	1946.1	2039.9	2126.0	2198.6	2282.8	2357.2	2408.4
80°	1614.6	1708.7	1789.5	1876.2	1969.7	2071.7	2152.2	2234.0	2317.4	2391.4	2432.1
82.5°	1639.3	1728.5	1809.0	1894.4	1987.4	2083.3	2171.1	2257.2	2347.4	2415.9	2452.3
85°	1656.8	1741.0	1819.7	1908.6	2003.6	2096.0	2180.8	2267.5	2356.7	2429.0	2474.0
87.5°	1670.7	1746.2	1821.9	1913.8	2006.4	2098.2	2184.5	2276.0	2364.6	2436.3	2471.8
90°	1668.0	1744.5	1816.2	1909.4	1997.0	2087.8	2175.4	2267.0	2358.6	2425.5	2465.4
92.5°	1670.7	1746.2	1821.9	1913.8	2006.4	2098.2	2184.5	2276.0	2364.6	2436.3	2471.8
95°	1656.8	1741.0	1819.7	1908.6	2003.6	2096.0	2180.8	2267.5	2356.7	2429.0	2474.0
97.5°	1639.3	1728.5	1809.0	1894.4	1987.4	2083.3	2171.1	2257.2	2347.4	2415.9	2452.3
100°	1614.6	1708.7	1789.5	1876.2	1969.7	2071.7	2152.2	2234.0	2317.4	2391.4	2432.1
102.5°	1585.1	1685.6	1770.2	1855.3	1946.1	2039.9	2126.0	2198.6	2282.8	2357.2	2408.4
105°	1544.4	1649.9	1739.6	1825.6	1909.5	2002.1	2089.0	2171.3	2243.2	2313.3	2362.5
107.5°	1497.4	1609.3	1697.4	1783.9	1866.7	1951.7	2043.9	2125.4	2205.1	2265.1	2305.5
110°	1444.7	1555.5	1647.6	1727.9	1818.5	1905.9	1990.0	2068.1	2137.3	2199.2	2247.0



TEST NUMBER: P232052

CATALOG NUMBER: FVS4WM-3-LD4-30-2LO-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
112.5°	1382.0	1499.3	1590.9	1677.8	1764.7	1851.2	1931.2	2007.1	2076.0	2131.5	2178.7
115°	1307.4	1426.1	1533.4	1622.5	1707.0	1788.3	1864.6	1934.4	2000.9	2061.6	2113.0
117.5°	1217.4	1343.1	1453.8	1553.5	1636.2	1715.9	1789.6	1861.6	1921.8	1978.8	2030.6
120°	1143.4	1243.1	1357.7	1460.3	1549.6	1628.5	1700.0	1767.9	1829.0	1883.9	1931.7
122.5°	1064.4	1154.5	1246.9	1348.2	1450.2	1523.9	1595.9	1660.0	1717.7	1770.5	1817.1
125°	978.0	1060.3	1144.7	1230.0	1315.2	1399.1	1470.6	1529.7	1583.0	1631.3	1673.0
127.5°	894.0	959.3	1034.2	1111.8	1188.2	1256.3	1314.0	1369.6	1419.8	1463.2	1498.5
130°	808.6	863.2	923.4	983.3	1050.8	1105.5	1154.5	1199.4	1238.9	1272.2	1297.8
132.5°	723.3	770.2	817.7	867.1	913.7	953.7	993.1	1030.5	1061.1	1084.5	1100.2
135°	640.9	679.7	716.7	757.1	794.5	832.0	858.9	884.8	904.7	918.5	926.4
137.5°	559.6	592.3	626.5	659.9	688.9	714.7	740.8	762.5	779.6	792.0	799.6
140°	483.5	512.9	544.4	573.5	598.6	621.2	641.1	657.2	669.4	677.9	682.7
142.5°	421.5	448.8	475.0	498.2	518.4	538.8	556.3	570.4	581.3	589.0	593.8
145°	366.8	390.8	413.9	434.8	453.5	470.7	485.3	497.4	507.1	514.5	519.7
147.5°	323.9	343.0	360.7	377.2	393.7	409.5	423.3	435.0	444.9	452.8	459.0
150°	292.1	305.2	317.9	330.3	344.2	356.9	368.2	378.3	387.0	394.4	400.5
152.5°	264.4	273.9	283.3	293.1	303.3	312.8	321.7	329.8	337.1	343.6	349.0
155°	238.5	245.8	252.9	260.5	267.8	274.7	281.1	286.9	292.2	296.8	300.6
157.5°	213.6	218.9	224.5	230.1	235.4	240.4	244.9	249.1	252.7	255.8	259.7
160°	189.8	193.5	197.6	201.4	205.0	208.3	211.3	214.0	216.3	218.1	220.6
162.5°	166.8	169.3	171.8	174.1	176.2	178.2	179.9	181.3	182.4	183.2	184.6
165°	141.6	143.3	144.9	146.2	147.4	148.4	149.2	149.7	149.9	149.8	150.1
167.5°	118.5	119.2	119.6	119.8	119.8	119.6	119.2	118.6	117.8	116.7	115.9
170°	96.6	97.1	97.4	97.5	97.4	97.2	96.8	96.2	95.4	95.2	93.7
172.5°	74.0	74.6	75.0	75.3	75.5	75.5	75.4	75.1	74.7	74.7	73.7
175°	49.5	50.1	50.5	50.9	51.1	51.3	51.3	51.3	51.9	51.3	50.7
177.5°	23.9	24.0	24.2	24.2	24.3	24.3	25.0	24.7	24.4	24.0	23.7
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: P232052

CATALOG NUMBER: FVS4WM-3-LD4-30-2LO-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	357.5°	360°
0°	1.6	1.6
2.5°	23.4	23.1
5°	50.0	49.4
7.5°	72.7	71.7
10°	92.3	90.8
12.5°	114.1	112.3
15°	148.8	147.4
17.5°	183.9	183.2
20°	220.6	220.6
22.5°	260.5	261.3
25°	304.1	305.9
27.5°	354.1	356.9
30°	405.8	408.6
32.5°	464.1	466.0
35°	523.8	524.1
37.5°	596.9	595.0
40°	685.6	681.9
42.5°	804.8	800.5
45°	931.2	924.8
47.5°	1112.2	1107.2
50°	1320.0	1321.5
52.5°	1530.2	1539.0
55°	1711.9	1729.3
57.5°	1861.1	1885.5
60°	1976.2	2003.4
62.5°	2075.9	2113.3
65°	2155.5	2189.8
67.5°	2217.8	2249.5
70°	2283.0	2309.2
72.5°	2335.6	2357.0
75°	2386.5	2398.5
77.5°	2426.0	2435.1
80°	2451.3	2461.4
82.5°	2469.4	2483.7
85°	2480.3	2497.2
87.5°	2492.3	2506.0
90°	2478.9	2499.6
92.5°	2492.3	2506.0
95°	2480.3	2497.2
97.5°	2469.4	2483.7
100°	2451.3	2461.4
102.5°	2426.0	2435.1
105°	2386.5	2398.5
107.5°	2335.6	2357.0
110°	2283.0	2309.2





TEST NUMBER: P232052

CATALOG NUMBER: FVS4WM-3-LD4-30-2LO-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	357.5°	360°
112.5°	2217.8	2249.5
115°	2155.5	2189.8
117.5°	2075.9	2113.3
120°	1976.2	2003.4
122.5°	1861.1	1885.5
125°	1711.9	1729.3
127.5°	1530.2	1539.0
130°	1320.0	1321.5
132.5°	1112.2	1107.2
135°	931.2	924.8
137.5°	804.8	800.5
140°	685.6	681.9
142.5°	596.9	595.0
145°	523.8	524.1
147.5°	464.1	466.0
150°	405.8	408.6
152.5°	354.1	356.9
155°	304.1	305.9
157.5°	260.5	261.3
160°	220.6	220.6
162.5°	183.9	183.2
165°	148.8	147.4
167.5°	114.1	112.3
170°	92.3	90.8
172.5°	72.7	71.7
175°	50.0	49.4
177.5°	23.4	23.1
180°	1.0	1.0

(END OF REPORT)