

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: P231982

Luminaire Tested: **FVS4WM-4-LD4-40-2LO-P125-UNV-EDC1**

Issue Date: 3/3/2020



**Test Information**

Test Method: LM-79-08  
Report Number: P231982  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1706-121-18)  
Test Lab: INNOVATION CENTER(G3)  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: FAIL-SAFE  
Catalog Number: FVS4WM-4-LD4-40-2LO-P125-UNV-EDC1  
Description: FAILSAFE FVS LED FIXTURE  
4FT LENGTH, 2-MODULE LED WITH P125 LENS  
Light Source: (168) 4000K CCT, 80 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

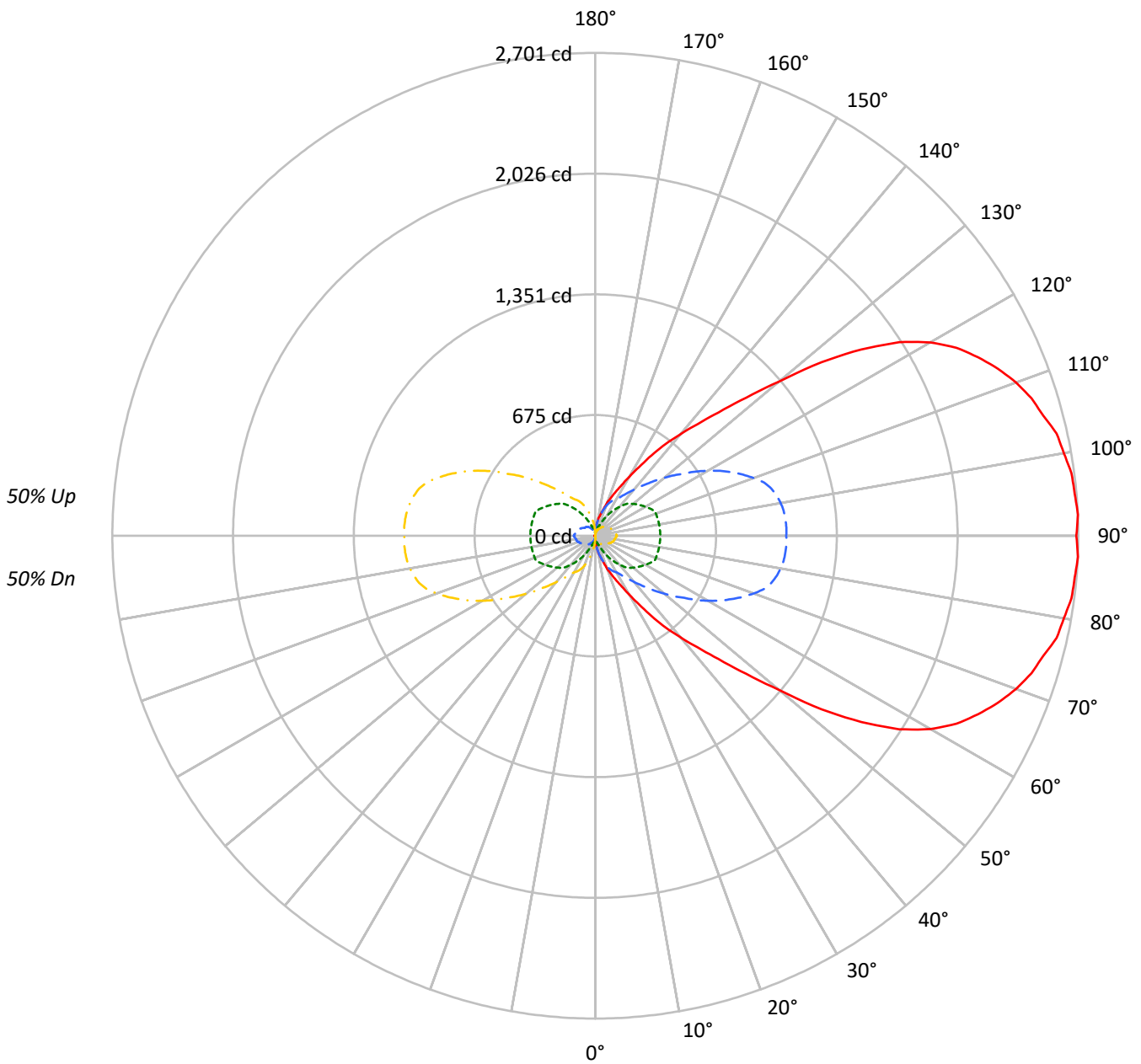
Lumens per Lamp: N/A  
Luminaire Lumens: 6250.2 lumens  
Efficiency: N/A  
Efficacy: 108.9 lumens/watt  
Spacing Criteria (0/90/45): 21.28 / 13.66 / 14.51  
Luminous Opening: Rectangular w/ Sides (W: 3.79' x L: 0.19' x H: 0.31')  
CIE Type: General Diffuse

Input Watts (W): 57.4  
Input Voltage (V): 120  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT

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### Luminous Intensity Polar Plot



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



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

RF	20				20				20				20				20	
RC	80				70				50				30				10	0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR																		
0	107	107	107	107	99	99	99	99	83	83	83	69	69	69	56	56	56	50
1	91	83	77	71	83	76	70	65	63	58	54	50	47	43	39	36	34	28
2	80	69	60	53	72	63	55	48	51	45	39	40	35	31	30	26	23	18
3	71	59	49	41	64	53	44	37	43	36	30	33	28	23	25	20	17	12
4	64	51	40	33	58	46	37	30	37	30	24	29	23	18	21	16	13	9
5	58	44	34	27	53	40	31	24	32	25	19	25	19	15	18	14	10	6
6	53	39	29	22	48	35	27	20	28	21	16	22	16	12	16	12	8	5
7	49	35	25	19	44	32	23	17	25	19	14	20	14	10	14	10	7	4
8	45	31	22	16	41	28	20	15	23	16	12	18	13	9	13	9	6	3
9	42	28	20	14	38	26	18	13	21	15	10	16	11	7	12	8	5	3
10	39	26	18	12	36	23	16	11	19	13	9	15	10	6	11	7	4	2

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

	0°	90°	180°	270°
0°	33	33	33	33
5°	737	244	29	244
10°	1141	456	17	456
15°	1454	676	24	676
20°	1991	907	22	907
25°	2544	1382	21	1382
30°	3402	2133	20	2133
35°	4678	2964	19	2964
40°	6120	3910	18	3910
45°	7823	5011	23	5011
50°	10577	5941	23	5941
55°	14186	7104	23	7104
60°	16858	8599	23	8599
65°	18495	10601	23	10601
70°	19871	13012	23	13012
75°	21016	16164	29	16164
80°	22192	21521	0	21521
85°	23312	32471	0	32471



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	3.2	0.1
10°-20°	20.9	0.3
20°-30°	57.7	0.9
30°-40°	127.6	2.0
40°-50°	247.1	4.0
50°-60°	434.4	7.0
60°-70°	631.0	10.1
70°-80°	768.2	12.3
80°-90°	835.0	13.4
90°-100°	835.0	13.4
100°-110°	768.2	12.3
110°-120°	631.0	10.1
120°-130°	434.4	7.0
130°-140°	247.1	4.0
140°-150°	127.6	2.0
150°-160°	57.7	0.9
160°-170°	20.9	0.3
170°-180°	3.2	0.1
0°-30°	81.9	1.3
0°-40°	209.5	3.4
0°-60°	891.0	14.3
0°-90°	3125.1	50.0
90°-120°	2234.1	35.7
90°-150°	3043.2	48.7
90°-180°	3125.0	50.0
0°-180°	6250.2	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	2	2	2	2	2	
5°	56	16	2	16	56	6
15°	134	44	2	44	134	41
25°	271	86	2	86	271	131
35°	548	170	2	170	548	352
45°	974	253	3	253	974	782
55°	1817	301	3	301	1817	1617
65°	2362	348	3	348	2362	2338
75°	2594	361	4	361	2594	2745
85°	2691	363	0	363	2691	2194
90°	2690	364	0	364	2690	1478
95°	2691	363	0	363	2691	2194
105°	2594	361	4	361	2594	2745
115°	2362	348	3	348	2362	2338
125°	1817	301	3	301	1817	1617
135°	974	253	3	253	974	782
145°	548	170	2	170	548	352
155°	271	86	2	86	271	131
165°	134	44	2	44	134	41
175°	56	16	2	16	56	6
180°	2	2	2	2	2	



TEST NUMBER: P231982

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**CANDELA DISTRIBUTION (FULL):**

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
0°	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
2.5°	27.4	27.7	28.0	28.2	28.5	28.8	29.1	28.2	28.1	28.0	27.8
5°	55.6	56.1	56.6	57.1	57.6	56.8	56.7	56.5	56.3	55.9	55.4
7.5°	75.1	76.0	76.8	77.7	77.6	78.0	78.2	78.2	78.2	78.0	77.7
10°	96.0	97.3	98.6	99.8	99.8	100.3	100.6	100.8	100.7	100.5	100.1
12.5°	112.6	114.5	116.4	117.5	118.8	119.9	120.7	121.3	121.7	121.9	121.8
15°	134.2	136.5	138.9	140.1	141.5	142.6	143.5	144.1	144.4	144.4	144.2
17.5°	162.4	164.6	166.8	167.3	168.3	168.9	169.3	169.4	169.2	168.8	168.2
20°	198.5	199.9	201.3	200.4	200.1	199.4	198.5	197.2	195.8	194.2	192.4
22.5°	233.1	233.6	234.2	232.1	230.8	229.1	227.1	224.8	222.2	219.5	216.6
25°	270.6	270.3	268.6	266.6	264.0	260.9	257.3	253.3	248.9	244.1	239.1
27.5°	319.0	317.9	314.7	311.1	306.5	301.1	294.9	288.0	280.4	272.3	264.9
30°	381.8	379.2	373.6	367.4	360.0	351.5	342.0	331.7	320.6	308.8	298.7
32.5°	454.7	451.2	443.7	435.3	425.2	413.3	399.9	384.9	368.5	352.5	338.1
35°	548.5	544.0	533.8	522.4	508.4	491.9	473.1	452.1	429.0	408.2	387.1
37.5°	648.1	643.0	631.3	618.0	601.5	582.0	559.5	534.2	506.6	478.8	449.2
40°	742.7	739.7	729.5	717.1	700.5	679.6	654.2	624.3	592.0	558.6	522.6
42.5°	847.3	847.5	838.7	827.2	810.5	788.3	760.4	726.8	690.6	649.9	604.1
45°	974.3	977.0	968.2	956.1	937.7	912.7	881.2	848.4	803.0	755.9	704.6
47.5°	1143.9	1147.3	1134.5	1117.7	1092.8	1060.1	1019.8	975.6	928.8	874.9	819.8
50°	1341.0	1343.7	1326.1	1303.9	1272.3	1231.7	1182.7	1129.6	1070.7	1000.4	936.2
52.5°	1595.7	1589.7	1556.8	1519.9	1473.6	1419.7	1359.7	1297.2	1219.2	1134.9	1054.5
55°	1816.6	1800.4	1759.2	1715.1	1663.4	1606.0	1542.2	1462.6	1366.7	1269.8	1173.1
57.5°	2015.1	1987.6	1935.9	1882.0	1821.6	1757.1	1687.1	1603.0	1515.7	1401.1	1290.3
60°	2163.8	2130.9	2076.9	2019.5	1954.5	1883.0	1805.1	1721.5	1627.8	1522.2	1406.6
62.5°	2277.1	2235.3	2185.0	2126.9	2062.2	1992.7	1910.1	1824.2	1729.5	1628.3	1509.9
65°	2361.5	2323.9	2277.0	2219.6	2151.1	2075.1	1996.8	1912.0	1816.1	1714.0	1602.0
67.5°	2438.7	2402.7	2357.8	2303.3	2239.0	2159.7	2071.5	1980.5	1886.9	1784.4	1677.0
70°	2504.4	2476.9	2437.8	2384.4	2310.9	2228.6	2141.7	2043.6	1942.4	1845.8	1748.6
72.5°	2557.1	2537.1	2506.4	2462.8	2386.2	2289.4	2194.6	2097.2	2000.0	1904.4	1807.8
75°	2593.9	2583.7	2562.5	2510.5	2425.1	2336.0	2238.5	2147.1	2054.6	1954.6	1854.4
77.5°	2642.3	2628.1	2606.9	2548.5	2461.9	2358.5	2280.4	2190.9	2095.1	1995.1	1891.2
80°	2660.3	2649.2	2627.6	2584.5	2498.6	2402.6	2312.7	2226.6	2125.2	2023.7	1918.5
82.5°	2685.6	2671.3	2643.4	2601.9	2533.7	2430.2	2336.7	2243.2	2145.0	2046.6	1944.5
85°	2690.6	2678.5	2654.1	2615.5	2542.2	2442.3	2349.5	2262.6	2160.1	2062.3	1961.2
87.5°	2701.4	2672.2	2658.5	2629.3	2555.1	2455.6	2357.1	2273.3	2162.9	2066.8	1967.9
90°	2689.9	2669.7	2650.2	2632.2	2553.5	2448.8	2351.4	2270.6	2153.6	2060.5	1964.6
92.5°	2701.4	2672.2	2658.5	2629.3	2555.1	2455.6	2357.1	2273.3	2162.9	2066.8	1967.9
95°	2690.6	2678.5	2654.1	2615.5	2542.2	2442.3	2349.5	2262.6	2160.1	2062.3	1961.2
97.5°	2685.6	2671.3	2643.4	2601.9	2533.7	2430.2	2336.7	2243.2	2145.0	2046.6	1944.5
100°	2660.3	2649.2	2627.6	2584.5	2498.6	2402.6	2312.7	2226.6	2125.2	2023.7	1918.5
102.5°	2642.3	2628.1	2606.9	2548.5	2461.9	2358.5	2280.4	2190.9	2095.1	1995.1	1891.2
105°	2593.9	2583.7	2562.5	2510.5	2425.1	2336.0	2238.5	2147.1	2054.6	1954.6	1854.4
107.5°	2557.1	2537.1	2506.4	2462.8	2386.2	2289.4	2194.6	2097.2	2000.0	1904.4	1807.8
110°	2504.4	2476.9	2437.8	2384.4	2310.9	2228.6	2141.7	2043.6	1942.4	1845.8	1748.6



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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°	2438.7	2402.7	2357.8	2303.3	2239.0	2159.7	2071.5	1980.5	1886.9	1784.4	1677.0
115°	2361.5	2323.9	2277.0	2219.6	2151.1	2075.1	1996.8	1912.0	1816.1	1714.0	1602.0
117.5°	2277.1	2235.3	2185.0	2126.9	2062.2	1992.7	1910.1	1824.2	1729.4	1628.3	1509.9
120°	2163.8	2130.9	2076.9	2019.5	1954.5	1883.0	1805.1	1721.5	1627.8	1522.2	1406.6
122.5°	2015.1	1987.6	1935.9	1882.0	1821.6	1757.1	1687.1	1603.0	1515.7	1401.1	1290.3
125°	1816.6	1800.4	1759.2	1715.1	1663.4	1606.0	1542.2	1462.6	1366.7	1269.8	1173.1
127.5°	1595.7	1589.7	1556.8	1519.9	1473.6	1419.7	1359.7	1297.2	1219.2	1134.9	1054.5
130°	1341.0	1343.7	1326.1	1303.9	1272.3	1231.7	1182.7	1129.6	1070.7	1000.4	936.2
132.5°	1143.9	1147.3	1134.5	1117.7	1092.8	1060.1	1019.8	975.6	928.8	874.9	819.8
135°	974.3	977.0	968.2	956.1	937.7	912.7	881.2	848.4	803.0	755.9	704.6
137.5°	847.3	847.5	838.7	827.2	810.5	788.3	760.4	726.8	690.6	649.9	604.1
140°	742.7	739.7	729.5	717.1	700.5	679.6	654.2	624.3	592.0	558.6	522.6
142.5°	648.1	643.0	631.3	618.0	601.5	582.0	559.5	534.2	506.6	478.8	449.2
145°	548.5	544.0	533.8	522.4	508.4	491.9	473.1	452.1	429.0	408.2	387.1
147.5°	454.7	451.2	443.7	435.3	425.2	413.3	399.9	384.9	368.5	352.5	338.1
150°	381.8	379.2	373.6	367.4	360.0	351.5	342.0	331.7	320.6	308.8	298.7
152.5°	319.0	317.9	314.7	311.1	306.5	301.1	294.9	288.0	280.4	272.3	264.9
155°	270.6	270.3	268.6	266.6	264.0	260.9	257.3	253.3	248.9	244.1	239.1
157.5°	233.1	233.6	234.2	232.1	230.8	229.1	227.1	224.8	222.2	219.5	216.6
160°	198.5	199.9	201.3	200.4	200.1	199.4	198.5	197.2	195.8	194.2	192.4
162.5°	162.4	164.6	166.8	167.3	168.3	168.9	169.3	169.4	169.2	168.8	168.2
165°	134.2	136.5	138.9	140.1	141.5	142.6	143.5	144.1	144.4	144.4	144.2
167.5°	112.6	114.5	116.4	117.5	118.8	119.9	120.7	121.3	121.7	121.9	121.8
170°	96.0	97.3	98.6	99.8	99.8	100.3	100.6	100.8	100.7	100.5	100.1
172.5°	75.1	76.0	76.8	77.7	77.6	78.0	78.2	78.2	78.2	78.0	77.7
175°	55.6	56.1	56.6	57.1	57.6	56.8	56.7	56.5	56.3	55.9	55.4
177.5°	27.4	27.7	28.0	28.2	28.5	28.8	29.1	28.2	28.1	28.0	27.8
180°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0



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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°	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
2.5°	27.5	27.3	27.0	26.6	26.2	25.7	25.2	24.7	24.1	23.5	22.8
5°	54.8	54.0	53.2	52.3	51.4	50.3	49.1	47.8	46.5	45.0	43.5
7.5°	77.3	76.7	76.0	75.1	74.2	73.1	71.9	70.5	69.1	67.1	64.8
10°	99.4	98.6	97.6	96.4	95.0	93.4	91.7	89.9	88.0	85.8	83.6
12.5°	121.4	120.8	120.0	118.9	117.4	115.4	113.2	110.8	108.1	105.1	102.0
15°	143.6	142.8	141.7	140.4	138.8	136.9	134.7	132.1	129.3	125.8	121.9
17.5°	167.4	166.4	165.1	163.5	161.5	159.2	156.6	153.7	150.2	146.4	142.2
20°	190.6	188.9	187.3	185.5	183.7	181.7	179.0	175.6	171.9	167.9	163.1
22.5°	213.7	211.0	208.3	205.7	203.2	200.8	198.4	196.0	193.6	188.9	183.9
25°	235.1	231.1	227.3	223.5	220.2	217.4	214.9	212.6	210.0	207.3	205.2
27.5°	258.5	252.1	245.5	239.7	235.4	231.4	228.3	225.5	223.7	221.9	219.2
30°	288.1	277.2	266.8	258.6	251.2	243.8	239.6	236.0	235.8	237.9	239.8
32.5°	323.4	308.5	295.1	282.2	269.2	259.8	256.2	254.2	255.2	256.0	257.9
35°	364.9	343.3	326.4	309.5	297.4	289.8	281.5	278.5	275.2	275.0	275.9
37.5°	417.8	390.7	364.2	348.2	336.5	325.0	315.1	305.4	299.1	295.3	294.2
40°	485.3	451.3	425.0	403.1	382.6	364.7	350.8	337.5	326.4	318.2	313.8
42.5°	563.0	530.6	498.0	467.8	439.1	413.3	389.5	373.1	357.0	344.6	335.9
45°	660.1	614.1	574.9	537.3	501.9	466.8	438.2	410.6	391.6	373.6	360.1
47.5°	764.0	708.1	657.0	608.2	567.2	527.5	489.3	457.2	427.7	406.0	387.6
50°	871.1	807.4	742.9	685.8	633.5	587.6	545.1	504.1	470.5	440.5	416.0
52.5°	976.1	905.0	834.6	764.5	701.9	647.0	599.3	555.3	514.5	478.2	459.9
55°	1082.9	997.3	920.8	846.3	771.7	707.0	650.3	605.8	570.1	540.3	519.7
57.5°	1186.4	1088.5	1000.3	920.8	843.9	767.3	713.1	668.5	631.8	599.4	577.2
60°	1285.3	1175.7	1075.1	987.0	915.8	845.3	778.0	727.6	689.3	656.9	631.7
62.5°	1384.7	1256.2	1150.9	1064.7	987.1	915.5	844.4	786.3	742.5	709.0	682.8
65°	1472.9	1349.5	1231.4	1138.1	1055.3	978.9	906.8	838.9	792.4	758.3	732.9
67.5°	1563.4	1436.7	1313.2	1204.3	1117.3	1036.4	962.8	893.5	841.0	804.3	778.7
70°	1636.9	1510.8	1388.4	1262.4	1172.0	1090.6	1013.8	943.4	884.5	846.5	820.5
72.5°	1702.3	1572.8	1442.8	1319.9	1215.9	1138.1	1059.3	990.0	924.4	886.5	860.9
75°	1749.3	1628.5	1488.9	1365.4	1249.2	1178.0	1096.0	1019.5	957.1	919.2	896.8
77.5°	1788.6	1673.8	1527.6	1401.4	1285.1	1196.5	1115.2	1039.1	980.4	946.5	929.8
80°	1816.3	1705.7	1569.1	1431.0	1311.8	1212.7	1129.6	1053.1	997.2	969.2	960.4
82.5°	1840.5	1732.1	1600.7	1453.6	1330.5	1226.4	1139.5	1062.3	1008.8	988.4	989.1
85°	1855.5	1750.5	1622.0	1468.7	1341.5	1237.0	1144.8	1067.2	1016.4	1005.2	1016.5
87.5°	1861.4	1764.8	1638.1	1480.1	1348.4	1246.2	1147.8	1069.7	1021.6	1020.4	1043.0
90°	1858.5	1760.3	1632.6	1475.2	1343.1	1245.7	1143.2	1067.4	1025.6	1036.4	1069.6
92.5°	1861.4	1764.8	1638.1	1480.1	1348.4	1246.2	1147.8	1069.7	1021.6	1020.4	1043.0
95°	1855.5	1750.5	1622.0	1468.7	1341.5	1237.0	1144.8	1067.2	1016.4	1005.2	1016.5
97.5°	1840.5	1732.1	1600.7	1453.6	1330.5	1226.4	1139.5	1062.3	1008.8	988.4	989.1
100°	1816.3	1705.7	1569.1	1431.0	1311.8	1212.7	1129.6	1053.1	997.2	969.2	960.4
102.5°	1788.6	1673.8	1527.6	1401.4	1285.1	1196.5	1115.2	1039.1	980.4	946.5	929.8
105°	1749.3	1628.5	1488.9	1365.4	1249.2	1178.0	1096.0	1019.5	957.1	919.2	896.8
107.5°	1702.3	1572.8	1442.8	1319.9	1215.9	1138.1	1059.3	990.0	924.4	886.5	860.9
110°	1636.9	1510.8	1388.4	1262.4	1172.0	1090.6	1013.8	943.4	884.5	846.5	820.5





TEST NUMBER: P231982

CATALOG NUMBER: FVS4WM-4-LD4-40-2LO-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°	1563.4	1436.7	1313.2	1204.3	1117.3	1036.4	962.8	893.5	841.0	804.3	778.7
115°	1472.9	1349.5	1231.4	1138.1	1055.3	978.9	906.8	838.9	792.4	758.3	732.9
117.5°	1384.7	1256.2	1150.9	1064.7	987.1	915.5	844.4	786.3	742.5	709.0	682.8
120°	1285.3	1175.7	1075.1	987.0	915.8	845.3	778.0	727.6	689.3	656.9	631.7
122.5°	1186.4	1088.5	1000.3	920.8	843.9	767.3	713.1	668.5	631.8	599.4	577.2
125°	1082.9	997.3	920.8	846.3	771.7	707.0	650.3	605.8	570.1	540.3	519.7
127.5°	976.1	905.0	834.6	764.5	701.9	647.0	599.3	555.3	514.5	478.2	459.9
130°	871.1	807.4	742.9	685.8	633.5	587.6	545.1	504.1	470.5	440.5	416.0
132.5°	764.0	708.1	657.0	608.2	567.2	527.5	489.3	457.2	427.7	406.0	387.6
135°	660.1	614.1	574.9	537.3	501.9	466.8	438.2	410.6	391.6	373.6	360.1
137.5°	563.0	530.6	498.0	467.8	439.1	413.3	389.5	373.1	357.0	344.6	335.9
140°	485.3	451.3	425.0	403.1	382.6	364.7	350.8	337.5	326.4	318.2	313.8
142.5°	417.8	390.7	364.2	348.2	336.5	325.0	315.1	305.4	299.1	295.3	294.2
145°	364.9	343.3	326.4	309.5	297.4	289.8	281.5	278.5	275.2	275.0	275.9
147.5°	323.4	308.5	295.1	282.2	269.2	259.8	256.2	254.2	255.2	256.0	257.9
150°	288.1	277.2	266.8	258.6	251.2	243.8	239.6	236.0	235.8	237.9	239.8
152.5°	258.5	252.1	245.5	239.7	235.4	231.4	228.3	225.5	223.7	221.9	219.2
155°	235.1	231.1	227.3	223.5	220.2	217.4	214.9	212.6	210.0	207.3	205.2
157.5°	213.7	211.0	208.3	205.7	203.2	200.8	198.4	196.0	193.6	188.9	183.9
160°	190.6	188.9	187.3	185.5	183.7	181.7	179.0	175.6	171.9	167.9	163.1
162.5°	167.4	166.4	165.1	163.5	161.5	159.2	156.6	153.7	150.2	146.4	142.2
165°	143.6	142.8	141.7	140.4	138.8	136.9	134.7	132.1	129.3	125.8	121.9
167.5°	121.4	120.8	120.0	118.9	117.4	115.4	113.2	110.8	108.1	105.1	102.0
170°	99.4	98.6	97.6	96.4	95.0	93.4	91.7	89.9	88.0	85.8	83.6
172.5°	77.3	76.7	76.0	75.1	74.2	73.1	71.9	70.5	69.1	67.1	64.8
175°	54.8	54.0	53.2	52.3	51.4	50.3	49.1	47.8	46.5	45.0	43.5
177.5°	27.5	27.3	27.0	26.6	26.2	25.7	25.2	24.7	24.1	23.5	22.8
180°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0



TEST NUMBER: P231982

CATALOG NUMBER: FVS4WM-4-LD4-40-2LO-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
2.5°	22.1	21.4	20.6	19.8	19.0	18.1	17.2	16.3	15.3	14.3	13.4
5°	41.9	40.2	38.5	36.9	35.3	33.6	31.8	30.0	28.2	26.3	24.3
7.5°	62.4	60.0	57.4	54.7	51.9	49.1	46.1	43.4	40.7	37.9	35.1
10°	81.1	78.5	75.9	72.2	68.6	64.8	61.0	57.1	53.0	49.3	45.6
12.5°	98.8	95.5	92.0	88.3	84.5	80.2	75.5	70.6	65.7	60.7	55.9
15°	117.8	113.4	109.4	104.3	99.5	94.6	89.4	83.8	78.0	72.1	66.1
17.5°	138.3	132.4	126.9	121.0	115.1	109.2	103.0	96.6	90.0	83.3	76.5
20°	157.7	151.8	145.5	138.7	131.6	124.1	116.9	109.4	101.8	94.2	86.6
22.5°	178.5	172.0	164.6	156.8	148.6	140.1	131.2	122.6	113.7	104.9	96.6
25°	198.4	192.0	184.7	175.7	168.1	160.4	152.4	144.2	136.0	127.5	119.3
27.5°	218.8	215.5	210.4	204.5	196.6	188.4	179.9	170.9	162.0	153.1	143.9
30°	240.1	239.6	236.7	230.9	224.2	215.6	206.7	197.3	188.1	178.2	168.6
32.5°	259.9	260.4	259.7	256.2	249.8	242.0	232.9	223.2	213.0	202.9	192.8
35°	277.6	279.7	280.0	279.3	274.2	267.3	258.2	249.2	238.0	227.2	216.9
37.5°	295.1	297.0	299.3	299.1	298.6	290.9	282.8	273.1	262.5	251.2	240.6
40°	312.9	314.0	316.5	318.5	317.9	313.9	306.5	297.0	286.7	275.1	264.0
42.5°	331.1	331.3	333.1	336.0	337.0	336.4	328.9	320.3	310.4	298.7	287.2
45°	352.3	347.9	349.9	352.6	355.6	355.4	350.8	342.9	333.2	321.9	310.0
47.5°	372.9	367.6	366.2	368.7	372.5	376.5	378.4	372.3	362.5	349.6	334.2
50°	399.0	389.8	397.3	410.4	420.0	424.4	422.5	412.2	398.0	380.5	359.9
52.5°	449.6	448.8	457.7	468.4	476.2	475.9	468.5	454.5	435.3	412.8	386.9
55°	508.7	508.0	515.4	528.3	535.4	530.3	517.7	498.8	474.4	446.3	414.9
57.5°	565.2	563.6	570.5	587.5	594.7	588.1	569.7	544.9	515.0	480.9	443.9
60°	616.9	616.7	626.3	643.9	655.4	649.1	624.4	592.7	556.7	516.6	473.7
62.5°	668.4	668.5	679.4	698.5	717.4	713.0	681.2	642.1	599.5	553.3	504.1
65°	717.8	716.6	730.0	751.4	780.2	775.2	739.4	693.0	643.4	590.8	535.1
67.5°	763.7	761.3	778.4	803.8	835.9	836.2	799.5	745.4	688.1	628.9	566.5
70°	807.0	806.3	826.2	853.3	880.3	877.1	833.3	768.8	703.1	639.0	573.3
72.5°	847.1	843.7	857.4	877.3	892.8	884.9	840.2	773.7	705.8	641.6	575.9
75°	883.0	877.6	887.1	904.2	909.8	894.4	846.4	777.9	707.6	643.4	577.8
77.5°	917.9	911.5	917.3	933.4	930.5	905.0	851.8	781.4	708.6	644.5	579.0
80°	951.9	945.4	948.0	964.6	954.1	916.3	856.4	784.1	708.8	644.8	579.6
82.5°	985.2	979.3	979.3	997.0	979.5	927.9	860.1	785.9	708.1	644.5	581.8
85°	1018.0	1013.1	1011.0	1030.3	1005.8	942.0	865.1	788.9	708.1	644.7	580.1
87.5°	1050.5	1046.9	1043.0	1064.2	1032.9	950.6	864.9	787.1	704.8	642.1	578.4
90°	1082.6	1080.4	1076.1	1097.0	1057.3	959.2	864.6	785.2	701.5	639.5	576.7
92.5°	1050.5	1046.9	1043.0	1064.2	1032.9	950.6	864.9	787.1	704.8	642.1	578.4
95°	1018.0	1013.1	1011.0	1030.3	1005.8	942.0	865.1	788.9	708.1	644.7	580.1
97.5°	985.2	979.3	979.3	997.0	979.5	927.9	860.1	785.9	708.1	644.5	581.8
100°	951.9	945.4	948.0	964.6	954.1	916.3	856.4	784.1	708.8	644.8	579.6
102.5°	917.9	911.5	917.3	933.4	930.5	905.0	851.8	781.4	708.6	644.5	579.0
105°	883.0	877.6	887.1	904.2	909.8	894.4	846.4	777.9	707.6	643.4	577.8
107.5°	847.1	843.7	857.4	877.3	892.8	884.9	840.2	773.7	705.8	641.6	575.9
110°	807.0	806.3	826.2	853.3	880.3	877.1	833.3	768.8	703.1	639.0	573.3



TEST NUMBER: P231982

CATALOG NUMBER: FVS4WM-4-LD4-40-2LO-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
112.5°	763.7	761.3	778.4	803.8	835.9	836.2	799.5	745.4	688.1	628.9	566.5
115°	717.8	716.6	730.0	751.4	780.2	775.2	739.4	693.0	643.4	590.8	535.1
117.5°	668.4	668.5	679.4	698.5	717.4	713.0	681.2	642.1	599.5	553.3	504.1
120°	616.9	616.7	626.3	643.9	655.4	649.1	624.4	592.7	556.7	516.6	473.7
122.5°	565.2	563.6	570.5	587.5	594.7	588.1	569.7	544.9	515.0	480.9	443.9
125°	508.7	508.0	515.4	528.3	535.4	530.3	517.7	498.8	474.4	446.3	414.9
127.5°	449.6	448.8	457.7	468.4	476.2	475.9	468.5	454.5	435.3	412.8	386.9
130°	399.0	389.8	397.3	410.4	420.0	424.4	422.5	412.2	398.0	380.5	359.9
132.5°	372.9	367.6	366.2	368.7	372.5	376.5	378.4	372.3	362.5	349.6	334.2
135°	352.3	347.9	349.9	352.6	355.6	355.4	350.8	342.9	333.2	321.9	310.0
137.5°	331.1	331.3	333.1	336.0	337.0	336.4	328.9	320.3	310.4	298.7	287.2
140°	312.9	314.0	316.5	318.5	317.9	313.9	306.5	297.0	286.7	275.1	264.0
142.5°	295.1	297.0	299.3	299.1	298.6	290.9	282.8	273.1	262.5	251.2	240.6
145°	277.6	279.7	280.0	279.3	274.2	267.3	258.2	249.2	238.0	227.2	216.9
147.5°	259.9	260.4	259.7	256.2	249.8	242.0	232.9	223.2	213.0	202.9	192.8
150°	240.1	239.6	236.7	230.9	224.2	215.6	206.7	197.3	188.1	178.2	168.6
152.5°	218.8	215.5	210.4	204.5	196.6	188.4	179.9	170.9	162.0	153.1	143.9
155°	198.4	192.0	184.7	175.7	168.1	160.4	152.4	144.2	136.0	127.5	119.3
157.5°	178.5	172.0	164.6	156.8	148.6	140.1	131.2	122.6	113.7	104.9	96.6
160°	157.7	151.8	145.5	138.7	131.6	124.1	116.9	109.4	101.8	94.2	86.6
162.5°	138.3	132.4	126.9	121.0	115.1	109.2	103.0	96.6	90.0	83.3	76.5
165°	117.8	113.4	109.4	104.3	99.5	94.6	89.4	83.8	78.0	72.1	66.1
167.5°	98.8	95.5	92.0	88.3	84.5	80.2	75.5	70.6	65.7	60.7	55.9
170°	81.1	78.5	75.9	72.2	68.6	64.8	61.0	57.1	53.0	49.3	45.6
172.5°	62.4	60.0	57.4	54.7	51.9	49.1	46.1	43.4	40.7	37.9	35.1
175°	41.9	40.2	38.5	36.9	35.3	33.6	31.8	30.0	28.2	26.3	24.3
177.5°	22.1	21.4	20.6	19.8	19.0	18.1	17.2	16.3	15.3	14.3	13.4
180°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0



TEST NUMBER: P231982

CATALOG NUMBER: FVS4WM-4-LD4-40-2LO-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
0°	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
2.5°	12.3	11.3	10.2	9.2	9.1	9.0	9.0	8.9	8.7	8.6	8.5
5°	22.3	20.3	18.2	16.2	16.0	15.8	15.6	15.3	15.1	14.8	14.5
7.5°	32.2	29.2	26.2	23.1	22.8	22.5	22.1	21.7	21.2	20.7	20.2
10°	41.8	38.0	34.1	30.1	29.6	29.1	28.5	27.8	27.2	26.5	26.2
12.5°	51.3	46.7	41.9	37.1	36.4	35.6	34.7	33.9	33.1	32.7	32.3
15°	60.7	55.2	49.7	44.1	43.1	42.0	40.9	39.8	39.3	38.8	38.2
17.5°	69.9	63.7	57.4	51.0	49.8	48.4	46.9	46.1	45.5	44.8	44.0
20°	78.9	72.0	65.1	58.0	56.4	54.7	53.0	52.3	51.5	50.7	49.6
22.5°	88.1	80.2	72.7	65.0	63.0	60.9	59.2	58.4	57.4	56.4	55.2
25°	110.9	102.5	94.4	85.9	83.1	79.9	77.4	75.1	72.6	69.9	67.0
27.5°	134.7	125.2	116.2	106.8	103.2	99.2	96.0	92.9	89.5	86.0	82.3
30°	158.4	147.9	138.0	127.8	123.2	118.3	114.4	110.2	105.9	101.5	96.9
32.5°	182.0	170.7	159.9	148.7	143.2	137.4	132.4	127.1	121.9	116.4	110.7
35°	205.7	193.5	181.7	169.6	163.0	156.3	150.1	143.7	137.3	130.7	123.9
37.5°	229.2	216.3	203.5	190.5	182.8	175.0	167.4	159.9	152.7	144.5	136.7
40°	252.7	239.0	225.3	211.5	202.6	193.5	184.5	175.8	166.9	157.7	148.9
42.5°	276.0	261.7	247.1	232.4	222.2	211.9	201.7	191.4	181.1	170.9	160.7
45°	298.9	284.3	268.9	253.3	241.8	230.0	218.1	206.7	194.9	183.1	172.0
47.5°	319.5	301.9	283.4	265.2	251.4	237.8	224.8	212.9	201.2	190.1	179.0
50°	340.6	319.6	297.9	277.0	260.7	244.9	230.2	217.1	204.8	193.7	181.9
52.5°	362.4	337.5	312.4	288.9	269.9	251.8	235.5	221.3	208.5	197.6	185.3
55°	385.0	355.8	327.1	300.8	279.0	258.6	240.7	225.6	212.5	201.7	189.3
57.5°	408.0	374.2	341.9	312.6	288.0	265.2	245.9	230.0	216.9	205.9	193.7
60°	431.6	392.9	356.7	324.5	296.9	271.7	250.9	234.4	221.4	210.4	199.0
62.5°	455.6	411.7	371.6	336.4	305.8	278.2	255.9	238.9	226.1	215.2	204.2
65°	480.0	430.6	386.5	348.2	314.6	284.5	260.9	243.6	231.0	220.4	210.2
67.5°	504.6	449.6	401.4	360.1	323.4	290.8	265.9	248.3	236.1	225.9	216.6
70°	509.4	453.7	403.9	360.5	321.9	289.1	264.3	246.9	235.4	226.1	218.3
72.5°	512.3	457.1	406.2	360.9	320.3	287.2	262.3	244.7	233.4	224.6	217.3
75°	514.6	460.3	410.2	361.3	318.8	285.5	260.5	242.6	231.5	223.2	216.5
77.5°	516.5	463.4	412.0	361.7	317.3	283.9	258.8	240.6	229.7	222.0	215.9
80°	518.0	467.9	413.7	362.2	316.0	282.5	257.3	238.7	228.0	220.9	215.3
82.5°	520.4	469.8	415.5	362.6	314.6	281.1	255.9	236.9	226.4	220.1	215.0
85°	520.4	471.7	417.3	363.0	313.4	279.9	254.7	235.3	225.0	219.3	214.7
87.5°	520.4	473.7	419.0	363.4	312.2	278.8	253.6	233.8	223.6	218.6	214.5
90°	520.4	475.6	420.8	363.8	311.1	277.9	252.6	232.4	222.3	218.0	214.4
92.5°	520.4	473.7	419.0	363.4	312.2	278.8	253.6	233.8	223.6	218.6	214.5
95°	520.4	471.7	417.3	363.0	313.4	279.9	254.7	235.3	225.0	219.3	214.7
97.5°	520.4	469.8	415.5	362.6	314.6	281.1	255.9	236.9	226.4	220.1	215.0
100°	518.0	467.9	413.7	362.2	316.0	282.5	257.3	238.7	228.0	220.9	215.3
102.5°	516.5	463.4	412.0	361.7	317.3	283.9	258.8	240.6	229.7	222.0	215.9
105°	514.6	460.3	410.2	361.3	318.8	285.5	260.5	242.6	231.5	223.2	216.5
107.5°	512.3	457.1	406.2	360.9	320.3	287.2	262.3	244.7	233.4	224.6	217.3
110°	509.4	453.7	403.9	360.5	321.9	289.1	264.3	246.9	235.4	226.1	218.3



TEST NUMBER: P231982

CATALOG NUMBER: FVS4WM-4-LD4-40-2LO-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°	504.6	449.6	401.4	360.1	323.4	290.8	265.9	248.3	236.1	225.9	216.6
115°	480.0	430.6	386.5	348.2	314.6	284.5	260.9	243.6	231.0	220.4	210.2
117.5°	455.6	411.7	371.6	336.4	305.8	278.2	255.9	238.9	226.1	215.2	204.2
120°	431.6	392.9	356.7	324.5	296.9	271.7	250.9	234.4	221.4	210.4	199.0
122.5°	408.0	374.2	341.9	312.6	288.0	265.2	245.9	230.0	216.9	205.9	193.7
125°	385.0	355.8	327.1	300.8	279.0	258.6	240.7	225.6	212.5	201.7	189.3
127.5°	362.4	337.5	312.4	288.9	269.9	251.8	235.5	221.3	208.5	197.6	185.3
130°	340.6	319.6	297.9	277.0	260.7	244.9	230.2	217.1	204.8	193.7	181.9
132.5°	319.5	301.9	283.4	265.2	251.4	237.8	224.8	212.9	201.2	190.1	179.0
135°	298.9	284.3	268.9	253.3	241.8	230.0	218.1	206.7	194.9	183.1	172.0
137.5°	276.0	261.7	247.1	232.4	222.2	211.9	201.7	191.4	181.1	170.9	160.7
140°	252.7	239.0	225.3	211.5	202.6	193.5	184.5	175.8	166.9	157.7	148.9
142.5°	229.2	216.3	203.5	190.5	182.8	175.0	167.4	159.9	152.7	144.5	136.7
145°	205.7	193.5	181.7	169.6	163.0	156.3	150.1	143.7	137.3	130.7	123.9
147.5°	182.0	170.7	159.9	148.7	143.2	137.4	132.4	127.1	121.9	116.4	110.7
150°	158.4	147.9	138.0	127.8	123.2	118.3	114.4	110.2	105.9	101.5	96.9
152.5°	134.7	125.2	116.2	106.8	103.2	99.2	96.0	92.9	89.5	86.0	82.3
155°	110.9	102.5	94.4	85.9	83.1	79.9	77.4	75.1	72.6	69.9	67.0
157.5°	88.1	80.2	72.7	65.0	63.0	60.9	59.2	58.4	57.4	56.4	55.2
160°	78.9	72.0	65.1	58.0	56.4	54.7	53.0	52.3	51.5	50.7	49.6
162.5°	69.9	63.7	57.4	51.0	49.8	48.4	46.9	46.1	45.5	44.8	44.0
165°	60.7	55.2	49.7	44.1	43.1	42.0	40.9	39.8	39.3	38.8	38.2
167.5°	51.3	46.7	41.9	37.1	36.4	35.6	34.7	33.9	33.1	32.7	32.3
170°	41.8	38.0	34.1	30.1	29.6	29.1	28.5	27.8	27.2	26.5	26.2
172.5°	32.2	29.2	26.2	23.1	22.8	22.5	22.1	21.7	21.2	20.7	20.2
175°	22.3	20.3	18.2	16.2	16.0	15.8	15.6	15.3	15.1	14.8	14.5
177.5°	12.3	11.3	10.2	9.2	9.1	9.0	9.0	8.9	8.7	8.6	8.5
180°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0



TEST NUMBER: P231982

CATALOG NUMBER: FVS4WM-4-LD4-40-2LO-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
0°	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
2.5°	8.3	8.2	8.0	7.8	7.6	7.4	7.2	7.0	6.8	6.6	6.3
5°	14.2	13.8	13.4	13.1	12.7	12.4	12.1	11.8	11.5	11.1	10.8
7.5°	19.7	19.4	19.1	18.8	18.4	18.0	17.5	17.1	16.6	16.1	15.5
10°	25.8	25.4	24.9	24.5	23.9	23.3	22.6	21.9	21.2	20.4	19.6
12.5°	31.8	31.2	30.6	29.8	29.0	28.2	27.4	26.5	25.5	24.4	23.4
15°	37.6	36.7	35.9	35.0	34.0	33.0	31.9	30.7	29.5	28.3	27.2
17.5°	43.1	42.1	41.1	40.0	38.8	37.6	36.3	35.1	33.8	32.6	31.2
20°	48.6	47.5	46.2	45.0	43.6	42.3	40.9	39.5	38.1	36.5	35.0
22.5°	54.0	52.7	51.3	49.9	48.4	46.9	45.3	43.7	42.0	40.3	38.4
25°	64.1	61.0	57.9	54.8	53.1	51.4	49.6	47.8	45.7	43.6	41.5
27.5°	78.5	74.7	70.8	66.9	63.0	59.1	55.2	51.4	49.1	46.7	44.4
30°	92.2	87.5	82.9	78.0	73.1	68.3	63.6	59.0	54.8	50.7	47.4
32.5°	105.1	99.6	93.8	87.8	81.9	76.2	70.7	65.7	61.0	56.6	52.5
35°	117.5	110.9	103.6	96.5	89.5	83.0	77.1	71.5	66.3	61.4	56.8
37.5°	129.2	120.9	112.3	104.0	96.1	89.1	82.5	76.3	70.6	65.3	60.6
40°	140.1	129.9	120.1	110.6	102.3	94.4	87.0	80.3	74.3	69.0	64.2
42.5°	149.8	138.2	127.1	116.8	107.7	98.9	90.8	84.0	77.9	72.5	67.3
45°	158.8	145.8	133.2	122.6	112.4	102.5	94.6	87.5	81.3	75.3	69.6
47.5°	165.6	152.4	139.4	127.7	116.3	106.4	98.0	91.0	84.1	77.5	71.5
50°	168.7	155.8	143.8	132.0	120.1	110.1	101.6	94.0	86.2	79.2	72.8
52.5°	172.5	160.0	148.4	136.6	125.8	116.4	107.8	98.0	88.0	80.5	73.8
55°	177.0	165.1	153.5	141.7	132.4	124.1	115.5	105.3	94.8	84.6	75.0
57.5°	182.1	170.7	159.2	148.2	139.8	132.7	123.3	112.7	101.6	90.6	80.6
60°	187.8	176.6	165.3	155.8	148.5	141.7	131.6	120.0	108.0	96.4	85.6
62.5°	194.0	182.9	171.9	164.0	158.0	150.4	139.7	127.3	114.0	101.8	90.2
65°	200.5	189.6	179.1	172.7	168.0	159.5	147.7	134.0	119.9	106.9	94.3
67.5°	207.3	196.8	187.6	182.3	178.7	168.9	155.8	140.5	125.7	111.7	98.1
70°	210.2	201.4	194.6	191.9	188.4	178.1	163.9	146.9	131.4	116.4	101.5
72.5°	209.5	201.4	195.4	192.6	188.6	179.8	167.1	151.6	136.8	120.9	104.6
75°	209.2	201.7	196.2	193.1	187.9	179.0	166.6	151.7	136.5	121.3	106.9
77.5°	209.1	202.3	196.9	193.5	187.5	179.0	167.1	152.2	136.7	121.5	108.2
80°	209.2	203.2	197.7	193.8	187.2	179.6	168.3	153.1	137.4	122.3	109.8
82.5°	209.6	204.3	198.5	194.0	187.2	180.7	170.2	154.5	138.7	124.0	111.9
85°	210.1	205.6	199.4	194.2	187.4	182.3	172.7	156.4	140.5	126.3	114.6
87.5°	210.8	207.1	200.3	194.5	187.8	184.2	175.7	158.8	142.8	129.3	117.7
90°	211.5	208.6	201.4	194.9	188.4	186.2	179.0	161.7	145.8	132.8	121.3
92.5°	210.8	207.1	200.3	194.5	187.8	184.2	175.7	158.8	142.8	129.3	117.7
95°	210.1	205.6	199.4	194.2	187.4	182.3	172.7	156.4	140.5	126.3	114.6
97.5°	209.6	204.3	198.5	194.0	187.2	180.7	170.2	154.5	138.7	124.0	111.9
100°	209.2	203.2	197.7	193.8	187.2	179.6	168.3	153.1	137.4	122.3	109.8
102.5°	209.1	202.3	196.9	193.5	187.5	179.0	167.1	152.2	136.7	121.5	108.2
105°	209.2	201.7	196.2	193.1	187.9	179.0	166.6	151.7	136.5	121.3	106.9
107.5°	209.5	201.4	195.4	192.6	188.6	179.8	167.1	151.6	136.8	120.9	104.6
110°	210.2	201.4	194.6	191.9	188.4	178.1	163.9	146.9	131.4	116.4	101.5



TEST NUMBER: P231982

CATALOG NUMBER: FVS4WM-4-LD4-40-2LO-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
112.5°	207.3	196.8	187.6	182.3	178.7	168.9	155.8	140.5	125.7	111.7	98.1
115°	200.5	189.6	179.1	172.7	168.0	159.5	147.7	134.0	119.9	106.9	94.3
117.5°	194.0	182.9	171.9	164.0	158.0	150.4	139.7	127.3	114.0	101.8	90.2
120°	187.8	176.6	165.3	155.8	148.5	141.7	131.6	120.0	108.0	96.4	85.6
122.5°	182.1	170.7	159.2	148.2	139.8	132.7	123.3	112.7	101.6	90.6	80.6
125°	177.0	165.1	153.5	141.7	132.4	124.1	115.5	105.3	94.8	84.6	75.0
127.5°	172.5	160.0	148.4	136.6	125.8	116.4	107.8	98.0	88.0	80.5	73.8
130°	168.7	155.8	143.8	132.0	120.1	110.1	101.6	94.0	86.2	79.2	72.8
132.5°	165.6	152.4	139.4	127.7	116.3	106.4	98.0	91.0	84.1	77.5	71.5
135°	158.8	145.8	133.2	122.6	112.4	102.5	94.6	87.5	81.3	75.3	69.6
137.5°	149.8	138.2	127.1	116.8	107.7	98.9	90.8	84.0	77.9	72.5	67.3
140°	140.1	129.9	120.1	110.6	102.3	94.4	87.0	80.3	74.3	69.0	64.2
142.5°	129.2	120.9	112.3	104.0	96.1	89.1	82.5	76.3	70.6	65.3	60.6
145°	117.5	110.9	103.6	96.5	89.5	83.0	77.1	71.5	66.3	61.4	56.8
147.5°	105.1	99.6	93.8	87.8	81.9	76.2	70.7	65.7	61.0	56.6	52.5
150°	92.2	87.5	82.9	78.0	73.1	68.3	63.6	59.0	54.8	50.7	47.4
152.5°	78.5	74.7	70.8	66.9	63.0	59.1	55.2	51.4	49.1	46.7	44.4
155°	64.1	61.0	57.9	54.8	53.1	51.4	49.6	47.8	45.7	43.6	41.5
157.5°	54.0	52.7	51.3	49.9	48.4	46.9	45.3	43.7	42.0	40.3	38.4
160°	48.6	47.5	46.2	45.0	43.6	42.3	40.9	39.5	38.1	36.5	35.0
162.5°	43.1	42.1	41.1	40.0	38.8	37.6	36.3	35.1	33.8	32.6	31.2
165°	37.6	36.7	35.9	35.0	34.0	33.0	31.9	30.7	29.5	28.3	27.2
167.5°	31.8	31.2	30.6	29.8	29.0	28.2	27.4	26.5	25.5	24.4	23.4
170°	25.8	25.4	24.9	24.5	23.9	23.3	22.6	21.9	21.2	20.4	19.6
172.5°	19.7	19.4	19.1	18.8	18.4	18.0	17.5	17.1	16.6	16.1	15.5
175°	14.2	13.8	13.4	13.1	12.7	12.4	12.1	11.8	11.5	11.1	10.8
177.5°	8.3	8.2	8.0	7.8	7.6	7.4	7.2	7.0	6.8	6.6	6.3
180°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0



TEST NUMBER: P231982

CATALOG NUMBER: FVS4WM-4-LD4-40-2LO-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
0°	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
2.5°	6.1	5.8	5.6	5.3	5.1	4.8	4.5	4.2	4.0	3.7	3.4
5°	10.4	10.0	9.6	9.2	8.8	8.3	7.9	7.4	6.9	6.4	5.9
7.5°	14.8	14.2	13.6	12.9	12.2	11.5	10.8	10.0	9.3	8.5	7.7
10°	18.8	17.9	17.0	16.0	15.0	14.0	13.0	12.0	11.0	9.9	8.9
12.5°	22.3	21.1	20.0	18.9	17.8	16.7	15.6	14.4	13.3	12.1	10.9
15°	26.0	24.8	23.6	22.4	21.1	19.7	18.3	16.9	15.5	14.1	12.6
17.5°	29.8	28.4	26.9	25.4	23.9	22.3	20.6	19.0	17.3	15.7	14.0
20°	33.3	31.7	29.9	28.1	26.3	24.5	22.6	20.8	18.9	17.1	15.2
22.5°	36.4	34.5	32.5	30.5	28.5	26.5	24.5	22.5	20.5	18.5	16.5
25°	39.3	37.2	35.0	32.8	30.8	28.6	26.5	24.3	22.1	19.9	17.7
27.5°	42.1	39.8	37.6	35.3	33.0	30.6	28.2	25.8	23.4	21.1	18.8
30°	45.0	42.6	40.0	37.4	34.8	32.4	29.9	27.4	25.0	22.5	20.1
32.5°	48.5	44.9	42.1	39.6	37.0	34.4	31.9	29.4	26.8	24.2	21.6
35°	52.5	48.7	45.0	42.0	39.5	36.9	34.2	31.5	28.8	25.9	23.0
37.5°	56.4	52.3	48.7	45.3	42.2	39.4	36.5	33.4	30.3	27.2	24.1
40°	59.7	55.5	51.7	48.1	44.8	41.5	38.3	35.0	31.8	28.5	25.1
42.5°	62.4	58.0	53.9	50.0	46.4	43.1	40.0	36.5	32.7	28.9	25.3
45°	64.5	59.8	55.3	51.2	47.5	44.0	40.2	36.7	33.1	29.4	25.8
47.5°	66.0	60.9	56.3	52.1	47.8	43.7	40.0	36.7	33.7	30.0	26.4
50°	67.0	61.7	56.8	52.0	47.4	43.5	39.8	36.5	33.5	30.5	26.7
52.5°	67.7	62.1	56.7	51.6	47.2	43.2	39.5	36.0	32.8	29.8	26.5
55°	68.1	62.0	56.4	51.3	46.9	42.7	38.7	35.1	31.9	28.8	26.0
57.5°	71.1	62.2	56.1	51.1	46.3	41.7	37.9	34.4	31.1	28.1	25.3
60°	75.4	66.0	57.8	50.6	45.3	41.1	37.4	33.9	30.6	27.6	24.7
62.5°	79.1	69.1	60.9	52.8	45.7	40.9	37.0	33.6	30.4	27.4	24.2
65°	82.3	72.5	63.6	55.2	48.4	42.2	37.0	33.6	30.5	27.0	23.2
67.5°	85.5	75.9	66.0	57.9	50.7	44.2	38.7	34.3	30.3	26.3	22.6
70°	89.2	78.7	68.8	60.4	52.8	46.0	40.4	35.1	30.2	26.3	22.0
72.5°	92.9	81.6	71.7	62.8	54.7	47.5	41.5	35.1	29.9	25.3	21.2
75°	95.9	84.8	74.6	65.1	56.3	49.0	41.6	34.6	28.6	23.4	19.6
77.5°	96.9	86.0	76.0	66.8	58.0	50.1	41.4	33.6	26.8	21.3	17.0
80°	98.4	87.3	77.2	67.5	58.5	49.9	40.9	32.4	24.9	18.8	13.9
82.5°	100.4	88.9	78.8	68.4	59.1	49.9	40.5	32.0	24.0	16.8	10.8
85°	103.0	91.0	80.9	69.8	60.0	50.4	40.7	32.3	24.0	16.5	9.9
87.5°	106.1	93.5	83.5	71.7	61.5	51.5	41.6	33.5	24.6	16.8	9.9
90°	109.7	96.7	86.6	74.3	63.5	53.4	43.3	35.4	26.0	18.0	10.8
92.5°	106.1	93.5	83.5	71.7	61.5	51.5	41.6	33.5	24.6	16.8	9.9
95°	103.0	91.0	80.9	69.8	60.0	50.4	40.7	32.3	24.0	16.5	9.9
97.5°	100.4	88.9	78.8	68.4	59.1	49.9	40.5	32.0	24.0	16.8	10.8
100°	98.4	87.3	77.2	67.5	58.5	49.9	40.9	32.4	24.9	18.8	13.9
102.5°	96.9	86.0	76.0	66.8	58.0	50.1	41.4	33.6	26.8	21.3	17.0
105°	95.9	84.8	74.6	65.1	56.3	49.0	41.6	34.6	28.6	23.4	19.6
107.5°	92.9	81.6	71.7	62.8	54.7	47.5	41.5	35.1	29.9	25.3	21.2
110°	89.2	78.7	68.8	60.4	52.8	46.0	40.4	35.1	30.2	26.3	22.0





TEST NUMBER: P231982

CATALOG NUMBER: FVS4WM-4-LD4-40-2LO-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°	85.5	75.9	66.0	57.9	50.7	44.2	38.7	34.3	30.3	26.3	22.6
115°	82.3	72.5	63.6	55.2	48.4	42.2	37.0	33.6	30.5	27.0	23.2
117.5°	79.1	69.1	60.9	52.8	45.7	40.9	37.0	33.6	30.4	27.4	24.2
120°	75.4	66.0	57.8	50.6	45.3	41.1	37.4	33.9	30.6	27.6	24.7
122.5°	71.1	62.2	56.1	51.1	46.3	41.7	37.9	34.4	31.1	28.1	25.3
125°	68.1	62.0	56.4	51.3	46.9	42.7	38.7	35.1	31.9	28.8	26.0
127.5°	67.7	62.1	56.7	51.6	47.2	43.2	39.5	36.0	32.8	29.8	26.5
130°	67.0	61.7	56.8	52.0	47.4	43.5	39.8	36.5	33.5	30.5	26.7
132.5°	66.0	60.9	56.3	52.1	47.8	43.7	40.0	36.7	33.7	30.0	26.4
135°	64.5	59.8	55.3	51.2	47.5	44.0	40.2	36.7	33.1	29.4	25.8
137.5°	62.4	58.0	53.9	50.0	46.4	43.1	40.0	36.5	32.7	28.9	25.3
140°	59.7	55.5	51.7	48.1	44.8	41.5	38.3	35.0	31.8	28.5	25.1
142.5°	56.4	52.3	48.7	45.3	42.2	39.4	36.5	33.4	30.3	27.2	24.1
145°	52.5	48.7	45.0	42.0	39.5	36.9	34.2	31.5	28.8	25.9	23.0
147.5°	48.5	44.9	42.1	39.6	37.0	34.4	31.9	29.4	26.8	24.2	21.6
150°	45.0	42.6	40.0	37.4	34.8	32.4	29.9	27.4	25.0	22.5	20.1
152.5°	42.1	39.8	37.6	35.4	33.0	30.6	28.2	25.8	23.4	21.1	18.8
155°	39.3	37.2	35.0	32.8	30.8	28.6	26.5	24.3	22.1	19.9	17.7
157.5°	36.4	34.5	32.5	30.5	28.5	26.5	24.5	22.5	20.5	18.5	16.5
160°	33.3	31.7	29.9	28.1	26.3	24.5	22.6	20.8	18.9	17.1	15.2
162.5°	29.8	28.4	26.9	25.4	23.9	22.3	20.6	19.0	17.3	15.7	14.0
165°	26.0	24.8	23.6	22.4	21.1	19.7	18.3	16.9	15.5	14.1	12.6
167.5°	22.3	21.1	20.0	18.9	17.8	16.7	15.6	14.4	13.3	12.1	10.9
170°	18.8	17.9	17.0	16.0	15.0	14.0	13.0	12.0	11.0	9.9	8.9
172.5°	14.8	14.2	13.6	12.9	12.2	11.5	10.8	10.0	9.3	8.5	7.7
175°	10.4	10.0	9.6	9.2	8.8	8.3	7.9	7.4	6.9	6.4	5.9
177.5°	6.1	5.8	5.6	5.3	5.1	4.8	4.5	4.2	4.0	3.7	3.4
180°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0



TEST NUMBER: P231982

CATALOG NUMBER: FVS4WM-4-LD4-40-2LO-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
0°	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
2.5°	3.1	2.8	2.5	2.3	2.0	1.7	1.4	1.7	2.0	2.3	2.5
5°	5.4	4.9	4.4	3.8	3.3	2.7	2.2	2.7	3.3	3.8	4.4
7.5°	7.0	6.2	5.4	4.6	3.8	3.0	2.2	3.0	3.8	4.6	5.4
10°	7.8	6.7	5.7	4.6	3.5	2.5	1.4	2.5	3.5	4.6	5.7
12.5°	9.7	8.5	7.2	6.0	4.7	3.5	2.2	3.5	4.7	6.0	7.2
15°	11.2	9.7	8.2	6.7	5.2	3.7	2.2	3.7	5.2	6.7	8.2
17.5°	12.3	10.6	9.0	7.3	5.6	3.9	2.2	3.9	5.6	7.3	9.0
20°	13.4	11.5	9.7	7.8	5.9	4.1	2.2	4.1	5.9	7.8	9.7
22.5°	14.5	12.5	10.4	8.4	6.3	4.3	2.2	4.3	6.3	8.4	10.4
25°	15.4	13.2	11.0	8.8	6.6	4.4	2.2	4.4	6.6	8.8	11.0
27.5°	16.4	14.1	11.7	9.3	7.0	4.6	2.2	4.6	7.0	9.3	11.7
30°	17.6	15.1	12.5	10.0	7.4	4.8	2.2	4.8	7.4	10.0	12.5
32.5°	18.9	16.1	13.4	10.6	7.8	5.0	2.2	5.0	7.8	10.6	13.4
35°	20.0	17.0	14.1	11.1	8.1	5.2	2.2	5.2	8.1	11.1	14.1
37.5°	21.0	17.9	14.7	11.6	8.5	5.3	2.2	5.3	8.5	11.6	14.7
40°	21.7	18.3	15.0	11.7	8.5	5.4	2.2	5.4	8.5	11.7	15.0
42.5°	21.9	18.5	15.2	11.9	8.7	5.4	2.2	5.4	8.7	11.9	15.2
45°	22.4	19.0	15.7	12.5	9.3	6.1	2.9	6.1	9.3	12.5	15.7
47.5°	22.9	19.4	16.0	12.7	9.4	6.1	2.9	6.1	9.4	12.7	16.0
50°	23.0	19.4	15.9	12.5	9.3	6.1	2.9	6.1	9.3	12.5	15.9
52.5°	22.6	19.1	15.7	12.4	9.2	6.0	2.9	6.0	9.2	12.4	15.7
55°	22.5	19.0	15.6	12.3	9.1	6.0	2.9	6.0	9.1	12.3	15.6
57.5°	22.4	18.8	15.4	12.1	9.0	5.9	2.9	5.9	9.0	12.1	15.4
60°	21.8	18.5	14.9	11.6	8.6	5.7	2.9	5.7	8.6	11.6	14.9
62.5°	20.7	17.3	13.9	10.8	8.0	5.4	2.9	5.4	8.0	10.8	13.9
65°	19.6	16.0	12.8	10.0	7.5	5.2	2.9	5.2	7.5	10.0	12.8
67.5°	18.8	15.2	12.0	9.3	6.9	4.9	2.9	4.9	6.9	9.3	12.0
70°	17.9	14.3	11.0	8.0	5.9	4.3	2.9	4.3	5.9	8.0	11.0
72.5°	17.1	13.3	9.6	6.6	5.3	4.4	3.6	4.4	5.3	6.6	9.6
75°	16.4	12.3	8.9	6.1	4.5	3.9	3.6	3.9	4.5	6.1	8.9
77.5°	13.8	11.5	7.9	4.6	1.6	0.4	0.0	0.4	1.6	4.6	7.9
80°	10.3	8.1	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0
82.5°	6.8	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	4.7	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	4.6	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	5.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	4.6	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	4.7	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	6.8	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	10.3	8.1	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0
102.5°	13.8	11.5	7.9	4.6	1.6	0.4	0.0	0.4	1.6	4.6	7.9
105°	16.4	12.3	8.9	6.1	4.5	3.9	3.6	3.9	4.5	6.1	8.9
107.5°	17.1	13.3	9.6	6.6	5.3	4.4	3.6	4.4	5.3	6.6	9.6
110°	17.9	14.3	11.0	8.0	5.9	4.3	2.9	4.3	5.9	8.0	11.0



TEST NUMBER: P231982

CATALOG NUMBER: FVS4WM-4-LD4-40-2LO-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
112.5°	18.8	15.2	12.0	9.3	6.9	4.9	2.9	4.9	6.9	9.3	12.0
115°	19.6	16.0	12.8	10.0	7.5	5.2	2.9	5.2	7.5	10.0	12.8
117.5°	20.7	17.3	13.9	10.8	8.0	5.4	2.9	5.4	8.0	10.8	13.9
120°	21.8	18.5	14.9	11.6	8.6	5.7	2.9	5.7	8.6	11.6	14.9
122.5°	22.4	18.8	15.4	12.1	9.0	5.9	2.9	5.9	9.0	12.1	15.4
125°	22.5	19.0	15.6	12.3	9.1	6.0	2.9	6.0	9.1	12.3	15.6
127.5°	22.6	19.1	15.7	12.4	9.2	6.0	2.9	6.0	9.2	12.4	15.7
130°	23.0	19.4	15.9	12.5	9.3	6.1	2.9	6.1	9.3	12.5	15.9
132.5°	22.9	19.4	16.0	12.7	9.4	6.1	2.9	6.1	9.4	12.7	16.0
135°	22.4	19.0	15.7	12.5	9.3	6.1	2.9	6.1	9.3	12.5	15.7
137.5°	21.9	18.5	15.2	11.9	8.7	5.4	2.2	5.4	8.7	11.9	15.2
140°	21.7	18.3	15.0	11.7	8.5	5.4	2.2	5.4	8.5	11.7	15.0
142.5°	21.0	17.9	14.7	11.6	8.5	5.3	2.2	5.3	8.5	11.6	14.7
145°	20.0	17.0	14.1	11.1	8.1	5.2	2.2	5.2	8.1	11.1	14.1
147.5°	18.9	16.1	13.4	10.6	7.8	5.0	2.2	5.0	7.8	10.6	13.4
150°	17.6	15.1	12.5	10.0	7.4	4.8	2.2	4.8	7.4	10.0	12.5
152.5°	16.4	14.1	11.7	9.3	7.0	4.6	2.2	4.6	7.0	9.3	11.7
155°	15.4	13.2	11.0	8.8	6.6	4.4	2.2	4.4	6.6	8.8	11.0
157.5°	14.5	12.5	10.4	8.4	6.3	4.3	2.2	4.3	6.3	8.4	10.4
160°	13.4	11.5	9.7	7.8	5.9	4.1	2.2	4.1	5.9	7.8	9.7
162.5°	12.3	10.6	9.0	7.3	5.6	3.9	2.2	3.9	5.6	7.3	9.0
165°	11.2	9.7	8.2	6.7	5.2	3.7	2.2	3.7	5.2	6.7	8.2
167.5°	9.7	8.5	7.2	6.0	4.7	3.5	2.2	3.5	4.7	6.0	7.2
170°	7.8	6.7	5.7	4.6	3.5	2.5	1.4	2.5	3.5	4.6	5.7
172.5°	7.0	6.2	5.4	4.6	3.8	3.0	2.2	3.0	3.8	4.6	5.4
175°	5.4	4.9	4.4	3.8	3.3	2.7	2.2	2.7	3.3	3.8	4.4
177.5°	3.1	2.8	2.5	2.3	2.0	1.7	1.4	1.7	2.0	2.3	2.5
180°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0



TEST NUMBER: P231982

CATALOG NUMBER: FVS4WM-4-LD4-40-2LO-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
0°	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
2.5°	2.8	3.1	3.4	3.7	4.0	4.2	4.5	4.8	5.1	5.3	5.6
5°	4.9	5.4	5.9	6.4	6.9	7.4	7.9	8.3	8.8	9.2	9.6
7.5°	6.2	7.0	7.7	8.5	9.3	10.0	10.8	11.5	12.2	12.9	13.6
10°	6.7	7.8	8.9	9.9	11.0	12.0	13.0	14.0	15.0	16.0	17.0
12.5°	8.5	9.7	10.9	12.1	13.3	14.4	15.6	16.7	17.8	18.9	20.0
15°	9.7	11.2	12.6	14.1	15.5	16.9	18.3	19.7	21.1	22.4	23.6
17.5°	10.6	12.3	14.0	15.7	17.3	19.0	20.6	22.3	23.9	25.4	26.9
20°	11.5	13.4	15.2	17.1	18.9	20.8	22.6	24.5	26.3	28.1	29.9
22.5°	12.5	14.5	16.5	18.5	20.5	22.5	24.5	26.5	28.5	30.5	32.5
25°	13.2	15.4	17.7	19.9	22.1	24.3	26.5	28.6	30.8	32.8	35.0
27.5°	14.1	16.4	18.8	21.1	23.4	25.8	28.2	30.6	33.0	35.3	37.6
30°	15.1	17.6	20.1	22.5	25.0	27.4	29.9	32.4	34.8	37.4	40.0
32.5°	16.1	18.9	21.6	24.2	26.8	29.4	31.9	34.4	37.0	39.6	42.1
35°	17.0	20.0	23.0	25.9	28.8	31.5	34.2	36.9	39.5	42.0	45.0
37.5°	17.9	21.0	24.1	27.2	30.3	33.4	36.5	39.4	42.2	45.3	48.7
40°	18.3	21.7	25.1	28.5	31.8	35.0	38.3	41.5	44.8	48.1	51.7
42.5°	18.5	21.9	25.3	28.9	32.7	36.5	40.0	43.1	46.4	50.0	53.9
45°	19.0	22.4	25.8	29.4	33.1	36.7	40.2	44.0	47.5	51.2	55.3
47.5°	19.4	22.9	26.4	30.0	33.7	36.7	40.0	43.7	47.8	52.1	56.3
50°	19.4	23.0	26.7	30.5	33.5	36.5	39.8	43.5	47.4	52.0	56.8
52.5°	19.1	22.6	26.5	29.8	32.8	36.0	39.5	43.2	47.2	51.6	56.7
55°	19.0	22.5	26.0	28.8	31.9	35.1	38.7	42.7	46.9	51.3	56.4
57.5°	18.8	22.4	25.3	28.1	31.1	34.4	37.9	41.7	46.3	51.1	56.1
60°	18.5	21.8	24.7	27.6	30.6	33.9	37.4	41.1	45.3	50.6	57.8
62.5°	17.3	20.7	24.2	27.4	30.4	33.6	37.0	40.9	45.7	52.8	60.9
65°	16.0	19.6	23.2	27.0	30.5	33.6	37.0	42.2	48.4	55.2	63.6
67.5°	15.2	18.8	22.6	26.3	30.3	34.3	38.7	44.2	50.7	57.9	66.0
70°	14.3	17.9	22.0	26.3	30.2	35.1	40.4	46.0	52.8	60.4	68.8
72.5°	13.3	17.1	21.2	25.3	29.9	35.1	41.5	47.5	54.7	62.8	71.7
75°	12.3	16.4	19.6	23.4	28.6	34.6	41.6	49.0	56.3	65.1	74.6
77.5°	11.5	13.8	17.0	21.3	26.8	33.6	41.4	50.1	58.0	66.8	76.0
80°	8.1	10.3	13.9	18.8	24.9	32.4	40.9	49.9	58.5	67.5	77.2
82.5°	4.0	6.8	10.8	16.8	24.0	32.0	40.5	49.9	59.1	68.4	78.8
85°	1.1	4.7	9.9	16.5	24.0	32.3	40.7	50.4	60.0	69.8	80.9
87.5°	0.4	4.6	9.9	16.8	24.6	33.5	41.6	51.5	61.5	71.7	83.5
90°	0.0	5.1	10.8	18.0	26.0	35.4	43.3	53.4	63.5	74.3	86.6
92.5°	0.4	4.6	9.9	16.8	24.6	33.5	41.6	51.5	61.5	71.7	83.5
95°	1.1	4.7	9.9	16.5	24.0	32.3	40.7	50.4	60.0	69.8	80.9
97.5°	4.0	6.8	10.8	16.8	24.0	32.0	40.5	49.9	59.1	68.4	78.8
100°	8.1	10.3	13.9	18.8	24.9	32.4	40.9	49.9	58.5	67.5	77.2
102.5°	11.5	13.8	17.0	21.3	26.8	33.6	41.4	50.1	58.0	66.8	76.0
105°	12.3	16.4	19.6	23.4	28.6	34.6	41.6	49.0	56.3	65.1	74.6
107.5°	13.3	17.1	21.2	25.3	29.9	35.1	41.5	47.5	54.7	62.8	71.7
110°	14.3	17.9	22.0	26.3	30.2	35.1	40.4	46.0	52.8	60.4	68.8



TEST NUMBER: P231982

CATALOG NUMBER: FVS4WM-4-LD4-40-2LO-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°	15.2	18.8	22.6	26.3	30.3	34.3	38.7	44.2	50.7	57.9	66.0
115°	16.0	19.6	23.2	27.0	30.5	33.6	37.0	42.2	48.4	55.2	63.6
117.5°	17.3	20.7	24.2	27.4	30.4	33.6	37.0	40.9	45.7	52.8	60.9
120°	18.5	21.8	24.7	27.6	30.6	33.9	37.4	41.1	45.3	50.6	57.8
122.5°	18.8	22.4	25.3	28.1	31.1	34.4	37.9	41.7	46.3	51.1	56.1
125°	19.0	22.5	26.0	28.8	31.9	35.1	38.7	42.7	46.9	51.3	56.4
127.5°	19.1	22.6	26.5	29.8	32.8	36.0	39.5	43.2	47.2	51.6	56.7
130°	19.4	23.0	26.7	30.5	33.5	36.5	39.8	43.5	47.4	52.0	56.8
132.5°	19.4	22.9	26.4	30.0	33.7	36.7	40.0	43.7	47.8	52.1	56.3
135°	19.0	22.4	25.8	29.4	33.1	36.7	40.2	44.0	47.5	51.2	55.3
137.5°	18.5	21.9	25.3	28.9	32.7	36.5	40.0	43.1	46.4	50.0	53.9
140°	18.3	21.7	25.1	28.5	31.8	35.0	38.3	41.5	44.8	48.1	51.7
142.5°	17.9	21.0	24.1	27.2	30.3	33.4	36.5	39.4	42.2	45.3	48.7
145°	17.0	20.0	23.0	25.9	28.8	31.5	34.2	36.9	39.5	42.0	45.0
147.5°	16.1	18.9	21.6	24.2	26.8	29.4	31.9	34.4	37.0	39.6	42.1
150°	15.1	17.6	20.1	22.5	25.0	27.4	29.9	32.4	34.8	37.4	40.0
152.5°	14.1	16.4	18.8	21.1	23.4	25.8	28.2	30.6	33.0	35.4	37.6
155°	13.2	15.4	17.7	19.9	22.1	24.3	26.5	28.6	30.8	32.8	35.0
157.5°	12.5	14.5	16.5	18.5	20.5	22.5	24.5	26.5	28.5	30.5	32.5
160°	11.5	13.4	15.2	17.1	18.9	20.8	22.6	24.5	26.3	28.1	29.9
162.5°	10.6	12.3	14.0	15.7	17.3	19.0	20.6	22.3	23.9	25.4	26.9
165°	9.7	11.2	12.6	14.1	15.5	16.9	18.3	19.7	21.1	22.4	23.6
167.5°	8.5	9.7	10.9	12.1	13.3	14.4	15.6	16.7	17.8	18.9	20.0
170°	6.7	7.8	8.9	9.9	11.0	12.0	13.0	14.0	15.0	16.0	17.0
172.5°	6.2	7.0	7.7	8.5	9.3	10.0	10.8	11.5	12.2	12.9	13.6
175°	4.9	5.4	5.9	6.4	6.9	7.4	7.9	8.3	8.8	9.2	9.6
177.5°	2.8	3.1	3.4	3.7	4.0	4.2	4.5	4.8	5.1	5.3	5.6
180°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0



TEST NUMBER: P231982

CATALOG NUMBER: FVS4WM-4-LD4-40-2LO-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
0°	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
2.5°	5.8	6.1	6.3	6.6	6.8	7.0	7.2	7.4	7.6	7.8	8.0
5°	10.0	10.4	10.8	11.1	11.5	11.8	12.1	12.4	12.7	13.1	13.4
7.5°	14.2	14.8	15.5	16.1	16.6	17.1	17.5	18.0	18.4	18.8	19.1
10°	17.9	18.8	19.6	20.4	21.2	21.9	22.6	23.3	23.9	24.5	24.9
12.5°	21.1	22.3	23.4	24.4	25.5	26.5	27.4	28.2	29.0	29.8	30.6
15°	24.8	26.0	27.2	28.3	29.5	30.7	31.9	33.0	34.0	35.0	35.9
17.5°	28.4	29.8	31.2	32.6	33.8	35.1	36.3	37.6	38.8	40.0	41.1
20°	31.7	33.3	35.0	36.5	38.1	39.5	40.9	42.3	43.6	45.0	46.2
22.5°	34.5	36.4	38.4	40.3	42.0	43.7	45.3	46.9	48.4	49.9	51.3
25°	37.2	39.3	41.5	43.6	45.7	47.8	49.6	51.4	53.1	54.8	57.9
27.5°	39.8	42.1	44.4	46.7	49.1	51.4	55.2	59.1	63.0	66.9	70.8
30°	42.6	45.0	47.4	50.7	54.8	59.0	63.6	68.3	73.1	78.0	82.9
32.5°	44.9	48.5	52.5	56.6	61.0	65.7	70.7	76.2	81.9	87.8	93.8
35°	48.7	52.5	56.8	61.4	66.3	71.5	77.1	83.0	89.5	96.5	103.6
37.5°	52.3	56.4	60.6	65.3	70.6	76.3	82.5	89.1	96.1	104.0	112.3
40°	55.5	59.7	64.2	69.0	74.3	80.3	87.0	94.4	102.3	110.6	120.1
42.5°	58.0	62.4	67.3	72.5	77.9	84.0	90.8	98.9	107.7	116.8	127.1
45°	59.8	64.5	69.6	75.3	81.3	87.5	94.6	102.5	112.4	122.6	133.2
47.5°	60.9	66.0	71.5	77.5	84.1	91.0	98.0	106.4	116.3	127.7	139.4
50°	61.7	67.0	72.8	79.2	86.2	94.0	101.6	110.1	120.1	132.0	143.8
52.5°	62.1	67.7	73.8	80.5	88.0	98.0	107.8	116.4	125.8	136.6	148.4
55°	62.0	68.1	75.0	84.6	94.8	105.3	115.5	124.1	132.4	141.7	153.5
57.5°	62.2	71.1	80.6	90.6	101.6	112.7	123.3	132.7	139.8	148.2	159.2
60°	66.0	75.4	85.6	96.4	108.0	120.0	131.6	141.7	148.5	155.8	165.3
62.5°	69.1	79.1	90.2	101.8	114.0	127.3	139.7	150.4	158.0	164.0	171.9
65°	72.5	82.3	94.3	106.9	119.9	134.0	147.7	159.5	168.0	172.7	179.1
67.5°	75.9	85.5	98.1	111.7	125.7	140.5	155.8	168.9	178.7	182.3	187.6
70°	78.7	89.2	101.5	116.4	131.4	146.9	163.9	178.1	188.4	191.9	194.6
72.5°	81.6	92.9	104.6	120.9	136.8	151.6	167.1	179.8	188.6	192.6	195.4
75°	84.8	95.9	106.9	121.3	136.5	151.7	166.6	179.0	187.9	193.1	196.2
77.5°	86.0	96.9	108.2	121.5	136.7	152.2	167.1	179.0	187.5	193.5	196.9
80°	87.3	98.4	109.8	122.3	137.4	153.1	168.3	179.6	187.2	193.8	197.7
82.5°	88.9	100.4	111.9	124.0	138.7	154.5	170.2	180.7	187.2	194.0	198.5
85°	91.0	103.0	114.6	126.3	140.5	156.4	172.7	182.3	187.4	194.2	199.4
87.5°	93.5	106.1	117.7	129.3	142.8	158.8	175.7	184.2	187.8	194.5	200.3
90°	96.7	109.7	121.3	132.8	145.8	161.7	179.0	186.2	188.4	194.9	201.4
92.5°	93.5	106.1	117.7	129.3	142.8	158.8	175.7	184.2	187.8	194.5	200.3
95°	91.0	103.0	114.6	126.3	140.5	156.4	172.7	182.3	187.4	194.2	199.4
97.5°	88.9	100.4	111.9	124.0	138.7	154.5	170.2	180.7	187.2	194.0	198.5
100°	87.3	98.4	109.8	122.3	137.4	153.1	168.3	179.6	187.2	193.8	197.7
102.5°	86.0	96.9	108.2	121.5	136.7	152.2	167.1	179.0	187.5	193.5	196.9
105°	84.8	95.9	106.9	121.3	136.5	151.7	166.6	179.0	187.9	193.1	196.2
107.5°	81.6	92.9	104.6	120.9	136.8	151.6	167.1	179.8	188.6	192.6	195.4
110°	78.7	89.2	101.5	116.4	131.4	146.9	163.9	178.1	188.4	191.9	194.6



TEST NUMBER: P231982

CATALOG NUMBER: FVS4WM-4-LD4-40-2LO-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
112.5°	75.9	85.5	98.1	111.7	125.7	140.5	155.8	168.9	178.7	182.3	187.6
115°	72.5	82.3	94.3	106.9	119.9	134.0	147.7	159.5	168.0	172.7	179.1
117.5°	69.1	79.1	90.2	101.8	114.0	127.3	139.7	150.4	158.0	164.0	171.9
120°	66.0	75.4	85.6	96.4	108.0	120.0	131.6	141.7	148.5	155.8	165.3
122.5°	62.2	71.1	80.6	90.6	101.6	112.7	123.3	132.7	139.8	148.2	159.2
125°	62.0	68.1	75.0	84.6	94.8	105.3	115.5	124.1	132.4	141.7	153.5
127.5°	62.1	67.7	73.8	80.5	88.0	98.0	107.8	116.4	125.8	136.6	148.4
130°	61.7	67.0	72.8	79.2	86.2	94.0	101.6	110.1	120.1	132.0	143.8
132.5°	60.9	66.0	71.5	77.5	84.1	91.0	98.0	106.4	116.3	127.7	139.4
135°	59.8	64.5	69.6	75.3	81.3	87.5	94.6	102.5	112.4	122.6	133.2
137.5°	58.0	62.4	67.3	72.5	77.9	84.0	90.8	98.9	107.7	116.8	127.1
140°	55.5	59.7	64.2	69.0	74.3	80.3	87.0	94.4	102.3	110.6	120.1
142.5°	52.3	56.4	60.6	65.3	70.6	76.3	82.5	89.1	96.1	104.0	112.3
145°	48.7	52.5	56.8	61.4	66.3	71.5	77.1	83.0	89.5	96.5	103.6
147.5°	44.9	48.5	52.5	56.6	61.0	65.7	70.7	76.2	81.9	87.8	93.8
150°	42.6	45.0	47.4	50.7	54.8	59.0	63.6	68.3	73.1	78.0	82.9
152.5°	39.8	42.1	44.4	46.7	49.1	51.4	55.2	59.1	63.0	66.9	70.8
155°	37.2	39.3	41.5	43.6	45.7	47.8	49.6	51.4	53.1	54.8	57.9
157.5°	34.5	36.4	38.4	40.3	42.0	43.7	45.3	46.9	48.4	49.9	51.3
160°	31.7	33.3	35.0	36.5	38.1	39.5	40.9	42.3	43.6	45.0	46.2
162.5°	28.4	29.8	31.2	32.6	33.8	35.1	36.3	37.6	38.8	40.0	41.1
165°	24.8	26.0	27.2	28.3	29.5	30.7	31.9	33.0	34.0	35.0	35.9
167.5°	21.1	22.3	23.4	24.4	25.5	26.5	27.4	28.2	29.0	29.8	30.6
170°	17.9	18.8	19.6	20.4	21.2	21.9	22.6	23.3	23.9	24.5	24.9
172.5°	14.2	14.8	15.5	16.1	16.6	17.1	17.5	18.0	18.4	18.8	19.1
175°	10.0	10.4	10.8	11.1	11.5	11.8	12.1	12.4	12.7	13.1	13.4
177.5°	5.8	6.1	6.3	6.6	6.8	7.0	7.2	7.4	7.6	7.8	8.0
180°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0



TEST NUMBER: P231982

CATALOG NUMBER: FVS4WM-4-LD4-40-2LO-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
0°	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
2.5°	8.2	8.3	8.5	8.6	8.7	8.9	9.0	9.0	9.1	9.2	10.2
5°	13.8	14.2	14.5	14.8	15.1	15.3	15.6	15.8	16.0	16.2	18.2
7.5°	19.4	19.7	20.2	20.7	21.2	21.7	22.1	22.5	22.8	23.1	26.2
10°	25.4	25.8	26.2	26.5	27.2	27.8	28.5	29.1	29.6	30.1	34.1
12.5°	31.2	31.8	32.3	32.7	33.1	33.9	34.7	35.6	36.4	37.1	41.9
15°	36.7	37.6	38.2	38.8	39.3	39.8	40.9	42.0	43.1	44.1	49.7
17.5°	42.1	43.1	44.0	44.8	45.5	46.1	46.9	48.4	49.8	51.0	57.4
20°	47.5	48.6	49.6	50.7	51.5	52.3	53.0	54.7	56.4	58.0	65.1
22.5°	52.7	54.0	55.2	56.4	57.4	58.4	59.2	60.9	63.0	65.0	72.7
25°	61.0	64.1	67.0	69.9	72.6	75.1	77.4	79.9	83.1	85.9	94.4
27.5°	74.7	78.5	82.3	86.0	89.5	92.9	96.0	99.2	103.2	106.8	116.2
30°	87.5	92.2	96.9	101.5	105.9	110.2	114.4	118.3	123.2	127.8	138.0
32.5°	99.6	105.1	110.7	116.4	121.9	127.1	132.4	137.4	143.2	148.7	159.9
35°	110.9	117.5	123.9	130.7	137.3	143.7	150.1	156.3	163.0	169.6	181.7
37.5°	120.9	129.2	136.7	144.5	152.7	159.9	167.4	175.0	182.8	190.5	203.5
40°	129.9	140.1	148.9	157.7	166.9	175.8	184.5	193.5	202.6	211.5	225.3
42.5°	138.2	149.8	160.7	170.9	181.1	191.4	201.7	211.9	222.2	232.4	247.1
45°	145.8	158.8	172.0	183.1	194.9	206.7	218.1	230.0	241.8	253.3	268.9
47.5°	152.4	165.6	179.0	190.1	201.2	212.9	224.8	237.8	251.4	265.2	283.4
50°	155.8	168.7	181.9	193.7	204.8	217.1	230.2	244.9	260.7	277.0	297.9
52.5°	160.0	172.5	185.3	197.6	208.5	221.3	235.5	251.8	269.9	288.9	312.4
55°	165.1	177.0	189.3	201.7	212.5	225.6	240.7	258.6	279.0	300.8	327.1
57.5°	170.7	182.1	193.7	205.9	216.9	230.0	245.9	265.2	288.0	312.6	341.9
60°	176.6	187.8	199.0	210.4	221.4	234.4	250.9	271.7	296.9	324.5	356.7
62.5°	182.9	194.0	204.2	215.2	226.1	238.9	255.9	278.2	305.8	336.4	371.6
65°	189.6	200.5	210.2	220.4	231.0	243.6	260.9	284.5	314.6	348.2	386.5
67.5°	196.8	207.3	216.6	225.9	236.1	248.3	265.9	290.8	323.4	360.1	401.4
70°	201.4	210.2	218.3	226.1	235.4	246.9	264.3	289.1	321.9	360.5	403.9
72.5°	201.4	209.5	217.3	224.6	233.4	244.7	262.3	287.2	320.3	360.9	406.2
75°	201.7	209.2	216.5	223.2	231.5	242.6	260.5	285.5	318.8	361.3	410.2
77.5°	202.3	209.1	215.9	222.0	229.7	240.6	258.8	283.9	317.3	361.7	412.0
80°	203.2	209.2	215.3	220.9	228.0	238.7	257.3	282.5	316.0	362.2	413.7
82.5°	204.3	209.6	215.0	220.1	226.4	236.9	255.9	281.1	314.6	362.6	415.5
85°	205.6	210.1	214.7	219.3	225.0	235.3	254.7	279.9	313.4	363.0	417.3
87.5°	207.1	210.8	214.5	218.6	223.6	233.8	253.6	278.8	312.2	363.4	419.0
90°	208.6	211.5	214.4	218.0	222.3	232.4	252.6	277.9	311.1	363.8	420.8
92.5°	207.1	210.8	214.5	218.6	223.6	233.8	253.6	278.8	312.2	363.4	419.0
95°	205.6	210.1	214.7	219.3	225.0	235.3	254.7	279.9	313.4	363.0	417.3
97.5°	204.3	209.6	215.0	220.1	226.4	236.9	255.9	281.1	314.6	362.6	415.5
100°	203.2	209.2	215.3	220.9	228.0	238.7	257.3	282.5	316.0	362.2	413.7
102.5°	202.3	209.1	215.9	222.0	229.7	240.6	258.8	283.9	317.3	361.7	412.0
105°	201.7	209.2	216.5	223.2	231.5	242.6	260.5	285.5	318.8	361.3	410.2
107.5°	201.4	209.5	217.3	224.6	233.4	244.7	262.3	287.2	320.3	360.9	406.2
110°	201.4	210.2	218.3	226.1	235.4	246.9	264.3	289.1	321.9	360.5	403.9





TEST NUMBER: P231982

CATALOG NUMBER: FVS4WM-4-LD4-40-2LO-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°	196.8	207.3	216.6	225.9	236.1	248.3	265.9	290.8	323.4	360.1	401.4
115°	189.6	200.5	210.2	220.4	231.0	243.6	260.9	284.5	314.6	348.2	386.5
117.5°	182.9	194.0	204.2	215.2	226.1	238.9	255.9	278.2	305.8	336.4	371.6
120°	176.6	187.8	199.0	210.4	221.4	234.4	250.9	271.7	296.9	324.5	356.7
122.5°	170.7	182.1	193.7	205.9	216.9	230.0	245.9	265.2	288.0	312.6	341.9
125°	165.1	177.0	189.3	201.7	212.5	225.6	240.7	258.6	279.0	300.8	327.1
127.5°	160.0	172.5	185.3	197.6	208.5	221.3	235.5	251.8	269.9	288.9	312.4
130°	155.8	168.7	181.9	193.7	204.8	217.1	230.2	244.9	260.7	277.0	297.9
132.5°	152.4	165.6	179.0	190.1	201.2	212.9	224.8	237.8	251.4	265.2	283.4
135°	145.8	158.8	172.0	183.1	194.9	206.7	218.1	230.0	241.8	253.3	268.9
137.5°	138.2	149.8	160.7	170.9	181.1	191.4	201.7	211.9	222.2	232.4	247.1
140°	129.9	140.1	148.9	157.7	166.9	175.8	184.5	193.5	202.6	211.5	225.3
142.5°	120.9	129.2	136.7	144.5	152.7	159.9	167.4	175.0	182.8	190.5	203.5
145°	110.9	117.5	123.9	130.7	137.3	143.7	150.1	156.3	163.0	169.6	181.7
147.5°	99.6	105.1	110.7	116.4	121.9	127.1	132.4	137.4	143.2	148.7	159.9
150°	87.5	92.2	96.9	101.5	105.9	110.2	114.4	118.3	123.2	127.8	138.0
152.5°	74.7	78.5	82.3	86.0	89.5	92.9	96.0	99.2	103.2	106.8	116.2
155°	61.0	64.1	67.0	69.9	72.6	75.1	77.4	79.9	83.1	85.9	94.4
157.5°	52.7	54.0	55.2	56.4	57.4	58.4	59.2	60.9	63.0	65.0	72.7
160°	47.5	48.6	49.6	50.7	51.5	52.3	53.0	54.7	56.4	58.0	65.1
162.5°	42.1	43.1	44.0	44.8	45.5	46.1	46.9	48.4	49.8	51.0	57.4
165°	36.7	37.6	38.2	38.8	39.3	39.8	40.9	42.0	43.1	44.1	49.7
167.5°	31.2	31.8	32.3	32.7	33.1	33.9	34.7	35.6	36.4	37.1	41.9
170°	25.4	25.8	26.2	26.5	27.2	27.8	28.5	29.1	29.6	30.1	34.1
172.5°	19.4	19.7	20.2	20.7	21.2	21.7	22.1	22.5	22.8	23.1	26.2
175°	13.8	14.2	14.5	14.8	15.1	15.3	15.6	15.8	16.0	16.2	18.2
177.5°	8.2	8.3	8.5	8.6	8.7	8.9	9.0	9.0	9.1	9.2	10.2
180°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0



TEST NUMBER: P231982

CATALOG NUMBER: FVS4WM-4-LD4-40-2LO-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
0°	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
2.5°	11.3	12.3	13.4	14.3	15.3	16.3	17.2	18.1	19.0	19.8	20.6
5°	20.3	22.3	24.3	26.3	28.2	30.0	31.8	33.6	35.3	36.9	38.5
7.5°	29.2	32.2	35.1	37.9	40.7	43.4	46.1	49.1	51.9	54.7	57.4
10°	38.0	41.8	45.6	49.3	53.0	57.1	61.0	64.8	68.6	72.2	75.9
12.5°	46.7	51.3	55.9	60.7	65.7	70.6	75.5	80.2	84.5	88.3	92.0
15°	55.2	60.7	66.1	72.1	78.0	83.8	89.4	94.6	99.5	104.3	109.4
17.5°	63.7	69.9	76.5	83.3	90.0	96.6	103.0	109.2	115.1	121.0	126.9
20°	72.0	78.9	86.6	94.2	101.8	109.4	116.9	124.1	131.6	138.7	145.5
22.5°	80.2	88.1	96.6	104.9	113.7	122.6	131.2	140.1	148.6	156.8	164.6
25°	102.5	110.9	119.3	127.5	136.0	144.2	152.4	160.4	168.1	175.7	184.7
27.5°	125.2	134.7	143.9	153.1	162.0	170.9	179.9	188.4	196.6	204.5	210.4
30°	147.9	158.4	168.6	178.2	188.1	197.3	206.7	215.6	224.2	230.9	236.7
32.5°	170.7	182.0	192.8	202.9	213.0	223.2	232.9	242.0	249.8	256.2	259.7
35°	193.5	205.7	216.9	227.2	238.0	249.2	258.2	267.3	274.2	279.3	280.0
37.5°	216.3	229.2	240.6	251.2	262.5	273.1	282.8	290.9	298.6	299.1	299.3
40°	239.0	252.7	264.0	275.1	286.7	297.0	306.5	313.9	317.9	318.5	316.5
42.5°	261.7	276.0	287.2	298.7	310.4	320.3	328.9	336.4	337.0	336.0	333.1
45°	284.3	298.9	310.0	321.9	333.2	342.9	350.8	355.4	355.6	352.6	349.9
47.5°	301.9	319.5	334.2	349.6	362.5	372.3	378.4	376.5	372.5	368.7	366.2
50°	319.6	340.6	359.9	380.5	398.0	412.2	422.5	424.4	420.0	410.4	397.3
52.5°	337.5	362.4	386.9	412.8	435.3	454.5	468.5	475.9	476.2	468.4	457.7
55°	355.8	385.0	414.9	446.3	474.4	498.8	517.7	530.3	535.4	528.3	515.4
57.5°	374.2	408.0	443.9	480.9	515.0	544.9	569.7	588.1	594.7	587.5	570.5
60°	392.9	431.6	473.7	516.6	556.7	592.7	624.4	649.1	655.4	643.9	626.3
62.5°	411.7	455.6	504.1	553.3	599.5	642.1	681.2	713.0	717.4	698.5	679.4
65°	430.6	480.0	535.1	590.8	643.4	693.0	739.4	775.2	780.2	751.4	730.0
67.5°	449.6	504.6	566.5	628.9	688.1	745.4	799.5	836.2	835.9	803.8	778.4
70°	453.7	509.4	573.3	639.0	703.1	768.8	833.3	877.1	880.3	853.3	826.2
72.5°	457.1	512.3	575.9	641.6	705.8	773.7	840.2	884.9	892.8	877.3	857.4
75°	460.3	514.6	577.8	643.4	707.6	777.9	846.4	894.4	909.8	904.2	887.1
77.5°	463.4	516.5	579.0	644.5	708.6	781.4	851.8	905.0	930.5	933.4	917.3
80°	467.9	518.0	579.6	644.8	708.8	784.1	856.4	916.3	954.1	964.6	948.0
82.5°	469.8	520.4	581.8	644.5	708.1	785.9	860.1	927.9	979.5	997.0	979.3
85°	471.7	520.4	580.1	644.7	708.1	788.9	865.1	942.0	1005.8	1030.3	1011.0
87.5°	473.7	520.4	578.4	642.1	704.8	787.1	864.9	950.6	1032.9	1064.2	1043.0
90°	475.6	520.4	576.7	639.5	701.5	785.2	864.6	959.2	1057.3	1097.0	1076.1
92.5°	473.7	520.4	578.4	642.1	704.8	787.1	864.9	950.6	1032.9	1064.2	1043.0
95°	471.7	520.4	580.1	644.7	708.1	788.9	865.1	942.0	1005.8	1030.3	1011.0
97.5°	469.8	520.4	581.8	644.5	708.1	785.9	860.1	927.9	979.5	997.0	979.3
100°	467.9	518.0	579.6	644.8	708.8	784.1	856.4	916.3	954.1	964.6	948.0
102.5°	463.4	516.5	579.0	644.5	708.6	781.4	851.8	905.0	930.5	933.4	917.3
105°	460.3	514.6	577.8	643.4	707.6	777.9	846.4	894.4	909.8	904.2	887.1
107.5°	457.1	512.3	575.9	641.6	705.8	773.7	840.2	884.9	892.8	877.3	857.4
110°	453.7	509.4	573.3	639.0	703.1	768.8	833.3	877.1	880.3	853.3	826.2



TEST NUMBER: P231982

CATALOG NUMBER: FVS4WM-4-LD4-40-2LO-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
112.5°	449.6	504.6	566.5	628.9	688.1	745.4	799.5	836.2	835.9	803.8	778.4
115°	430.6	480.0	535.1	590.8	643.4	693.0	739.4	775.2	780.2	751.4	730.0
117.5°	411.7	455.6	504.1	553.3	599.5	642.1	681.2	713.0	717.4	698.5	679.4
120°	392.9	431.6	473.7	516.6	556.7	592.7	624.4	649.1	655.4	643.9	626.3
122.5°	374.2	408.0	443.9	480.9	515.0	544.9	569.7	588.1	594.7	587.5	570.5
125°	355.8	385.0	414.9	446.3	474.4	498.8	517.7	530.3	535.4	528.3	515.4
127.5°	337.5	362.4	386.9	412.8	435.3	454.5	468.5	475.9	476.2	468.4	457.7
130°	319.6	340.6	359.9	380.5	398.0	412.2	422.5	424.4	420.0	410.4	397.3
132.5°	301.9	319.5	334.2	349.6	362.5	372.3	378.4	376.5	372.5	368.7	366.2
135°	284.3	298.9	310.0	321.9	333.2	342.9	350.8	355.4	355.6	352.6	349.9
137.5°	261.7	276.0	287.2	298.7	310.4	320.3	328.9	336.4	337.0	336.0	333.1
140°	239.0	252.7	264.0	275.1	286.7	297.0	306.5	313.9	317.9	318.5	316.5
142.5°	216.3	229.2	240.6	251.2	262.5	273.1	282.8	290.9	298.6	299.1	299.3
145°	193.5	205.7	216.9	227.2	238.0	249.2	258.2	267.3	274.2	279.3	280.0
147.5°	170.7	182.0	192.8	202.9	213.0	223.2	232.9	242.0	249.8	256.2	259.7
150°	147.9	158.4	168.6	178.2	188.1	197.3	206.7	215.6	224.2	230.9	236.7
152.5°	125.2	134.7	143.9	153.1	162.0	170.9	179.9	188.4	196.6	204.5	210.4
155°	102.5	110.9	119.3	127.5	136.0	144.2	152.4	160.4	168.1	175.7	184.7
157.5°	80.2	88.1	96.6	104.9	113.7	122.6	131.2	140.1	148.6	156.8	164.6
160°	72.0	78.9	86.6	94.2	101.8	109.4	116.9	124.1	131.6	138.7	145.5
162.5°	63.7	69.9	76.5	83.3	90.0	96.6	103.0	109.2	115.1	121.0	126.9
165°	55.2	60.7	66.1	72.1	78.0	83.8	89.4	94.6	99.5	104.3	109.4
167.5°	46.7	51.3	55.9	60.7	65.7	70.6	75.5	80.2	84.5	88.3	92.0
170°	38.0	41.8	45.6	49.3	53.0	57.1	61.0	64.8	68.6	72.2	75.9
172.5°	29.2	32.2	35.1	37.9	40.7	43.4	46.1	49.1	51.9	54.7	57.4
175°	20.3	22.3	24.3	26.3	28.2	30.0	31.8	33.6	35.3	36.9	38.5
177.5°	11.3	12.3	13.4	14.3	15.3	16.3	17.2	18.1	19.0	19.8	20.6
180°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0



TEST NUMBER: P231982

CATALOG NUMBER: FVS4WM-4-LD4-40-2LO-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
0°	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
2.5°	21.4	22.1	22.8	23.5	24.1	24.7	25.2	25.7	26.2	26.6	27.0
5°	40.2	41.9	43.5	45.0	46.5	47.8	49.1	50.3	51.4	52.3	53.2
7.5°	60.0	62.4	64.8	67.1	69.1	70.5	71.9	73.1	74.2	75.1	76.0
10°	78.5	81.1	83.6	85.8	88.0	89.9	91.7	93.4	95.0	96.4	97.6
12.5°	95.5	98.8	102.0	105.1	108.1	110.8	113.2	115.4	117.4	118.9	120.0
15°	113.4	117.8	121.9	125.8	129.3	132.1	134.7	136.9	138.8	140.4	141.7
17.5°	132.4	138.3	142.2	146.4	150.2	153.7	156.6	159.2	161.5	163.5	165.1
20°	151.8	157.7	163.1	167.9	171.9	175.6	179.0	181.7	183.7	185.5	187.3
22.5°	172.0	178.5	183.9	188.9	193.6	196.0	198.4	200.8	203.2	205.7	208.3
25°	192.0	198.4	205.2	207.3	210.0	212.6	214.9	217.4	220.2	223.5	227.3
27.5°	215.5	218.8	219.2	221.9	223.7	225.5	228.3	231.4	235.4	239.7	245.5
30°	239.6	240.1	239.8	237.9	235.8	236.0	239.6	243.8	251.2	258.6	266.8
32.5°	260.4	259.9	257.9	256.0	255.2	254.2	256.2	259.8	269.2	282.2	295.1
35°	279.7	277.6	275.9	275.0	275.2	278.5	281.5	289.8	297.4	309.5	326.4
37.5°	297.0	295.1	294.2	295.3	299.1	305.4	315.1	325.0	336.5	348.2	364.2
40°	314.0	312.9	313.8	318.2	326.4	337.5	350.8	364.7	382.6	403.1	425.0
42.5°	331.3	331.1	335.9	344.6	357.0	373.1	389.5	413.3	439.1	467.8	498.0
45°	347.9	352.3	360.1	373.6	391.6	410.6	438.2	466.8	501.9	537.3	574.9
47.5°	367.6	372.9	387.6	406.0	427.7	457.2	489.3	527.5	567.2	608.2	657.0
50°	389.8	399.0	416.0	440.5	470.5	504.1	545.1	587.6	633.5	685.8	742.9
52.5°	448.8	449.6	459.9	478.2	514.5	555.3	599.3	647.0	701.9	764.5	834.6
55°	508.0	508.7	519.7	540.3	570.1	605.8	650.3	707.0	771.7	846.3	920.8
57.5°	563.6	565.2	577.2	599.4	631.8	668.5	713.1	767.3	843.9	920.8	1000.3
60°	616.7	616.9	631.7	656.9	689.3	727.6	778.0	845.3	915.8	987.0	1075.1
62.5°	668.5	668.4	682.8	709.0	742.5	786.3	844.4	915.5	987.1	1064.7	1150.9
65°	716.6	717.8	732.9	758.3	792.4	838.9	906.8	978.9	1055.3	1138.1	1231.4
67.5°	761.3	763.7	778.7	804.3	841.0	893.5	962.8	1036.4	1117.3	1204.3	1313.2
70°	806.3	807.0	820.5	846.5	884.5	943.4	1013.8	1090.6	1172.0	1262.4	1388.4
72.5°	843.7	847.1	860.9	886.5	924.4	990.0	1059.3	1138.1	1215.9	1319.9	1442.8
75°	877.6	883.0	896.8	919.2	957.1	1019.5	1096.0	1178.0	1249.2	1365.4	1488.9
77.5°	911.5	917.9	929.8	946.5	980.4	1039.1	1115.2	1196.5	1285.1	1401.4	1527.6
80°	945.4	951.9	960.4	969.2	997.2	1053.1	1129.6	1212.7	1311.8	1431.0	1569.1
82.5°	979.3	985.2	989.1	988.4	1008.8	1062.3	1139.5	1226.4	1330.5	1453.6	1600.7
85°	1013.1	1018.0	1016.5	1005.2	1016.4	1067.2	1144.8	1237.0	1341.5	1468.7	1622.0
87.5°	1046.9	1050.5	1043.0	1020.4	1021.6	1069.7	1147.8	1246.2	1348.4	1480.1	1638.1
90°	1080.4	1082.6	1069.6	1036.4	1025.6	1067.4	1143.2	1245.7	1343.1	1475.2	1632.6
92.5°	1046.9	1050.5	1043.0	1020.4	1021.6	1069.7	1147.8	1246.2	1348.4	1480.1	1638.1
95°	1013.1	1018.0	1016.5	1005.2	1016.4	1067.2	1144.8	1237.0	1341.5	1468.7	1622.0
97.5°	979.3	985.2	989.1	988.4	1008.8	1062.3	1139.5	1226.4	1330.5	1453.6	1600.7
100°	945.4	951.9	960.4	969.2	997.2	1053.1	1129.6	1212.7	1311.8	1431.0	1569.1
102.5°	911.5	917.9	929.8	946.5	980.4	1039.1	1115.2	1196.5	1285.1	1401.4	1527.6
105°	877.6	883.0	896.8	919.2	957.1	1019.5	1096.0	1178.0	1249.2	1365.4	1488.9
107.5°	843.7	847.1	860.9	886.5	924.4	990.0	1059.3	1138.1	1215.9	1319.9	1442.8
110°	806.3	807.0	820.5	846.5	884.5	943.4	1013.8	1090.6	1172.0	1262.4	1388.4



TEST NUMBER: P231982

CATALOG NUMBER: FVS4WM-4-LD4-40-2LO-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°	761.3	763.7	778.7	804.3	841.0	893.5	962.8	1036.4	1117.3	1204.3	1313.2
115°	716.6	717.8	732.9	758.3	792.4	838.9	906.8	978.9	1055.3	1138.1	1231.4
117.5°	668.5	668.4	682.8	709.0	742.5	786.3	844.4	915.5	987.1	1064.7	1150.9
120°	616.7	616.9	631.7	656.9	689.3	727.6	778.0	845.3	915.8	987.0	1075.1
122.5°	563.6	565.2	577.2	599.4	631.8	668.5	713.1	767.3	843.9	920.8	1000.3
125°	508.0	508.7	519.7	540.3	570.1	605.8	650.3	707.0	771.7	846.3	920.8
127.5°	448.8	449.6	459.9	478.2	514.5	555.3	599.3	647.0	701.9	764.5	834.6
130°	389.8	399.0	416.0	440.5	470.5	504.1	545.1	587.6	633.5	685.8	742.9
132.5°	367.6	372.9	387.6	406.0	427.7	457.2	489.3	527.5	567.2	608.2	657.0
135°	347.9	352.3	360.1	373.6	391.6	410.6	438.2	466.8	501.9	537.3	574.9
137.5°	331.3	331.1	335.9	344.6	357.0	373.1	389.5	413.3	439.1	467.8	498.0
140°	314.0	312.9	313.8	318.2	326.4	337.5	350.8	364.7	382.6	403.1	425.0
142.5°	297.0	295.1	294.2	295.3	299.1	305.4	315.1	325.0	336.5	348.2	364.2
145°	279.7	277.6	275.9	275.0	275.2	278.5	281.5	289.8	297.4	309.5	326.4
147.5°	260.4	259.9	257.9	256.0	255.2	254.2	256.2	259.8	269.2	282.2	295.1
150°	239.6	240.1	239.8	237.9	235.8	236.0	239.6	243.8	251.2	258.6	266.8
152.5°	215.5	218.8	219.2	221.9	223.7	225.5	228.3	231.4	235.4	239.7	245.5
155°	192.0	198.4	205.2	207.3	210.0	212.6	214.9	217.4	220.2	223.5	227.3
157.5°	172.0	178.5	183.9	188.9	193.6	196.0	198.4	200.8	203.2	205.7	208.3
160°	151.8	157.7	163.1	167.9	171.9	175.6	179.0	181.7	183.7	185.5	187.3
162.5°	132.4	138.3	142.2	146.4	150.2	153.7	156.6	159.2	161.5	163.5	165.1
165°	113.4	117.8	121.9	125.8	129.3	132.1	134.7	136.9	138.8	140.4	141.7
167.5°	95.5	98.8	102.0	105.1	108.1	110.8	113.2	115.4	117.4	118.9	120.0
170°	78.5	81.1	83.6	85.8	88.0	89.9	91.7	93.4	95.0	96.4	97.6
172.5°	60.0	62.4	64.8	67.1	69.1	70.5	71.9	73.1	74.2	75.1	76.0
175°	40.2	41.9	43.5	45.0	46.5	47.8	49.1	50.3	51.4	52.3	53.2
177.5°	21.4	22.1	22.8	23.5	24.1	24.7	25.2	25.7	26.2	26.6	27.0
180°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0



TEST NUMBER: P231982

CATALOG NUMBER: FVS4WM-4-LD4-40-2LO-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
0°	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
2.5°	27.3	27.5	27.8	28.0	28.1	28.2	29.1	28.8	28.5	28.2	28.0
5°	54.0	54.8	55.4	55.9	56.3	56.5	56.7	56.8	57.6	57.1	56.6
7.5°	76.7	77.3	77.7	78.0	78.2	78.2	78.2	78.0	77.6	77.7	76.8
10°	98.6	99.4	100.1	100.5	100.7	100.8	100.6	100.3	99.8	99.8	98.6
12.5°	120.8	121.4	121.8	121.9	121.7	121.3	120.7	119.9	118.8	117.5	116.4
15°	142.8	143.6	144.2	144.4	144.4	144.1	143.5	142.6	141.5	140.1	138.9
17.5°	166.4	167.4	168.2	168.8	169.2	169.4	169.3	168.9	168.3	167.3	166.8
20°	188.9	190.6	192.4	194.2	195.8	197.2	198.5	199.4	200.1	200.4	201.3
22.5°	211.0	213.7	216.6	219.5	222.2	224.8	227.1	229.1	230.8	232.1	234.2
25°	231.1	235.1	239.1	244.1	248.9	253.3	257.3	260.9	264.0	266.6	268.6
27.5°	252.1	258.5	264.9	272.3	280.4	288.0	294.9	301.1	306.5	311.1	314.7
30°	277.2	288.1	298.7	308.8	320.6	331.7	342.0	351.5	360.0	367.4	373.6
32.5°	308.5	323.4	338.1	352.5	368.5	384.9	399.9	413.3	425.2	435.3	443.7
35°	343.3	364.9	387.1	408.2	429.0	452.1	473.1	491.9	508.4	522.4	533.8
37.5°	390.7	417.8	449.2	478.8	506.6	534.2	559.5	582.0	601.5	618.0	631.3
40°	451.3	485.3	522.6	558.6	592.0	624.3	654.2	679.6	700.5	717.1	729.5
42.5°	530.6	563.0	604.1	649.9	690.6	726.8	760.4	788.3	810.5	827.2	838.7
45°	614.1	660.1	704.6	755.9	803.0	848.4	881.2	912.7	937.7	956.1	968.2
47.5°	708.1	764.0	819.8	874.9	928.8	975.6	1019.8	1060.1	1092.8	1117.7	1134.5
50°	807.4	871.1	936.2	1000.4	1070.7	1129.6	1182.7	1231.7	1272.3	1303.9	1326.1
52.5°	905.0	976.1	1054.5	1134.9	1219.2	1297.2	1359.7	1419.7	1473.6	1519.9	1556.8
55°	997.3	1082.9	1173.1	1269.8	1366.7	1462.6	1542.2	1606.0	1663.4	1715.1	1759.2
57.5°	1088.5	1186.4	1290.3	1401.1	1515.7	1603.0	1687.1	1757.1	1821.6	1882.0	1935.9
60°	1175.7	1285.3	1406.6	1522.2	1627.8	1721.5	1805.1	1883.0	1954.5	2019.5	2076.9
62.5°	1256.2	1384.8	1509.9	1628.3	1729.4	1824.2	1910.1	1992.7	2062.2	2126.9	2185.0
65°	1349.5	1472.9	1602.0	1714.0	1816.1	1912.0	1996.8	2075.1	2151.1	2219.6	2277.0
67.5°	1436.7	1563.4	1677.0	1784.4	1886.9	1980.5	2071.5	2159.7	2239.0	2303.3	2357.8
70°	1510.8	1636.9	1748.6	1845.8	1942.4	2043.6	2141.7	2228.6	2310.9	2384.4	2437.8
72.5°	1572.8	1702.3	1807.8	1904.4	2000.0	2097.2	2194.6	2289.4	2386.2	2462.8	2506.4
75°	1628.5	1749.3	1854.4	1954.6	2054.6	2147.1	2238.5	2336.0	2425.1	2510.5	2562.5
77.5°	1673.8	1788.6	1891.2	1995.1	2095.1	2190.9	2280.4	2358.5	2461.9	2548.5	2606.9
80°	1705.7	1816.3	1918.5	2023.7	2125.2	2226.6	2312.7	2402.6	2498.6	2584.5	2627.6
82.5°	1732.1	1840.5	1944.5	2046.6	2145.0	2243.2	2336.7	2430.2	2533.7	2601.9	2643.4
85°	1750.5	1855.5	1961.2	2062.3	2160.1	2262.6	2349.5	2442.3	2542.2	2615.5	2654.1
87.5°	1764.8	1861.4	1967.9	2066.8	2162.9	2273.3	2357.1	2455.6	2555.1	2629.3	2658.5
90°	1760.3	1858.5	1964.6	2060.5	2153.6	2270.6	2351.4	2448.8	2553.5	2632.2	2650.2
92.5°	1764.8	1861.4	1967.9	2066.8	2162.9	2273.3	2357.1	2455.6	2555.1	2629.3	2658.5
95°	1750.5	1855.5	1961.2	2062.3	2160.1	2262.6	2349.5	2442.3	2542.2	2615.5	2654.1
97.5°	1732.1	1840.5	1944.5	2046.6	2145.0	2243.2	2336.7	2430.2	2533.7	2601.9	2643.4
100°	1705.7	1816.3	1918.5	2023.7	2125.2	2226.6	2312.7	2402.6	2498.6	2584.5	2627.6
102.5°	1673.8	1788.6	1891.2	1995.1	2095.1	2190.9	2280.4	2358.5	2461.9	2548.5	2606.9
105°	1628.5	1749.3	1854.4	1954.6	2054.6	2147.1	2238.5	2336.0	2425.1	2510.5	2562.5
107.5°	1572.8	1702.3	1807.8	1904.4	2000.0	2097.2	2194.6	2289.4	2386.2	2462.8	2506.4
110°	1510.8	1636.9	1748.6	1845.8	1942.4	2043.6	2141.7	2228.6	2310.9	2384.4	2437.8



TEST NUMBER: P231982

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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°	1436.7	1563.4	1677.0	1784.4	1886.9	1980.5	2071.5	2159.7	2239.0	2303.3	2357.8
115°	1349.5	1472.9	1602.0	1714.0	1816.1	1912.0	1996.8	2075.1	2151.1	2219.6	2277.0
117.5°	1256.2	1384.7	1509.9	1628.3	1729.4	1824.2	1910.1	1992.7	2062.2	2126.9	2185.0
120°	1175.7	1285.3	1406.6	1522.2	1627.8	1721.5	1805.1	1883.0	1954.5	2019.5	2076.9
122.5°	1088.5	1186.4	1290.3	1401.1	1515.7	1603.0	1687.1	1757.1	1821.6	1882.0	1935.9
125°	997.3	1082.9	1173.1	1269.8	1366.7	1462.6	1542.2	1606.0	1663.4	1715.1	1759.2
127.5°	905.0	976.1	1054.5	1134.9	1219.2	1297.2	1359.7	1419.7	1473.6	1519.9	1556.8
130°	807.4	871.1	936.2	1000.4	1070.7	1129.6	1182.7	1231.7	1272.3	1303.9	1326.1
132.5°	708.1	764.0	819.8	874.9	928.8	975.6	1019.8	1060.1	1092.8	1117.7	1134.5
135°	614.1	660.1	704.6	755.9	803.0	848.4	881.2	912.7	937.7	956.1	968.2
137.5°	530.6	563.0	604.1	649.9	690.6	726.8	760.4	788.3	810.5	827.2	838.7
140°	451.3	485.3	522.6	558.6	592.0	624.3	654.2	679.6	700.5	717.1	729.5
142.5°	390.7	417.8	449.2	478.8	506.6	534.2	559.5	582.0	601.5	618.0	631.3
145°	343.3	364.9	387.1	408.2	429.0	452.1	473.1	491.9	508.4	522.4	533.8
147.5°	308.5	323.4	338.1	352.5	368.5	384.9	399.9	413.3	425.2	435.3	443.7
150°	277.2	288.1	298.7	308.8	320.6	331.7	342.0	351.5	360.0	367.4	373.6
152.5°	252.1	258.5	264.9	272.3	280.4	288.0	294.9	301.1	306.5	311.1	314.7
155°	231.1	235.1	239.1	244.1	248.9	253.3	257.3	260.9	264.0	266.6	268.6
157.5°	211.0	213.7	216.6	219.5	222.2	224.8	227.1	229.1	230.8	232.1	234.2
160°	188.9	190.6	192.4	194.2	195.8	197.2	198.5	199.4	200.1	200.4	201.3
162.5°	166.4	167.4	168.2	168.8	169.2	169.4	169.3	168.9	168.3	167.3	166.8
165°	142.8	143.6	144.2	144.4	144.4	144.1	143.5	142.6	141.5	140.1	138.9
167.5°	120.8	121.4	121.8	121.9	121.7	121.3	120.7	119.9	118.8	117.5	116.4
170°	98.6	99.4	100.1	100.5	100.7	100.8	100.6	100.3	99.8	99.8	98.6
172.5°	76.7	77.3	77.7	78.0	78.2	78.2	78.2	78.0	77.6	77.7	76.8
175°	54.0	54.8	55.4	55.9	56.3	56.5	56.7	56.8	57.6	57.1	56.6
177.5°	27.3	27.5	27.8	28.0	28.1	28.2	29.1	28.8	28.5	28.2	28.0
180°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0



TEST NUMBER: P231982

CATALOG NUMBER: FVS4WM-4-LD4-40-2LO-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	357.5°	360°
0°	2.2	2.2
2.5°	27.7	27.4
5°	56.1	55.6
7.5°	76.0	75.1
10°	97.3	96.0
12.5°	114.5	112.6
15°	136.5	134.2
17.5°	164.6	162.4
20°	199.9	198.5
22.5°	233.6	233.1
25°	270.3	270.6
27.5°	317.9	319.0
30°	379.2	381.8
32.5°	451.2	454.7
35°	544.0	548.5
37.5°	643.0	648.1
40°	739.7	742.7
42.5°	847.5	847.3
45°	977.0	974.3
47.5°	1147.3	1143.9
50°	1343.7	1341.0
52.5°	1589.7	1595.7
55°	1800.4	1816.6
57.5°	1987.6	2015.1
60°	2130.9	2163.8
62.5°	2235.3	2277.1
65°	2323.9	2361.5
67.5°	2402.7	2438.7
70°	2476.9	2504.4
72.5°	2537.1	2557.1
75°	2583.7	2593.9
77.5°	2628.1	2642.3
80°	2649.2	2660.3
82.5°	2671.3	2685.6
85°	2678.5	2690.6
87.5°	2672.2	2701.4
90°	2669.7	2689.9
92.5°	2672.2	2701.4
95°	2678.5	2690.6
97.5°	2671.3	2685.6
100°	2649.2	2660.3
102.5°	2628.1	2642.3
105°	2583.7	2593.9
107.5°	2537.1	2557.1
110°	2476.9	2504.4





TEST NUMBER: P231982

CATALOG NUMBER: FVS4WM-4-LD4-40-2LO-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	357.5°	360°
112.5°	2402.7	2438.7
115°	2323.9	2361.5
117.5°	2235.3	2277.1
120°	2130.9	2163.8
122.5°	1987.6	2015.1
125°	1800.4	1816.6
127.5°	1589.7	1595.7
130°	1343.7	1341.0
132.5°	1147.3	1143.9
135°	977.0	974.3
137.5°	847.5	847.3
140°	739.7	742.7
142.5°	643.0	648.1
145°	544.0	548.5
147.5°	451.2	454.7
150°	379.2	381.8
152.5°	317.9	319.0
155°	270.3	270.6
157.5°	233.6	233.1
160°	199.9	198.5
162.5°	164.6	162.4
165°	136.5	134.2
167.5°	114.5	112.6
170°	97.3	96.0
172.5°	76.0	75.1
175°	56.1	55.6
177.5°	27.7	27.4
180°	2.0	2.0

(END OF REPORT)