

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: P232060

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

Issue Date: 3/3/2020



**Test Information**

Test Method: LM-79-08  
Report Number: P232060  
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-LD4-30-2HI-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**

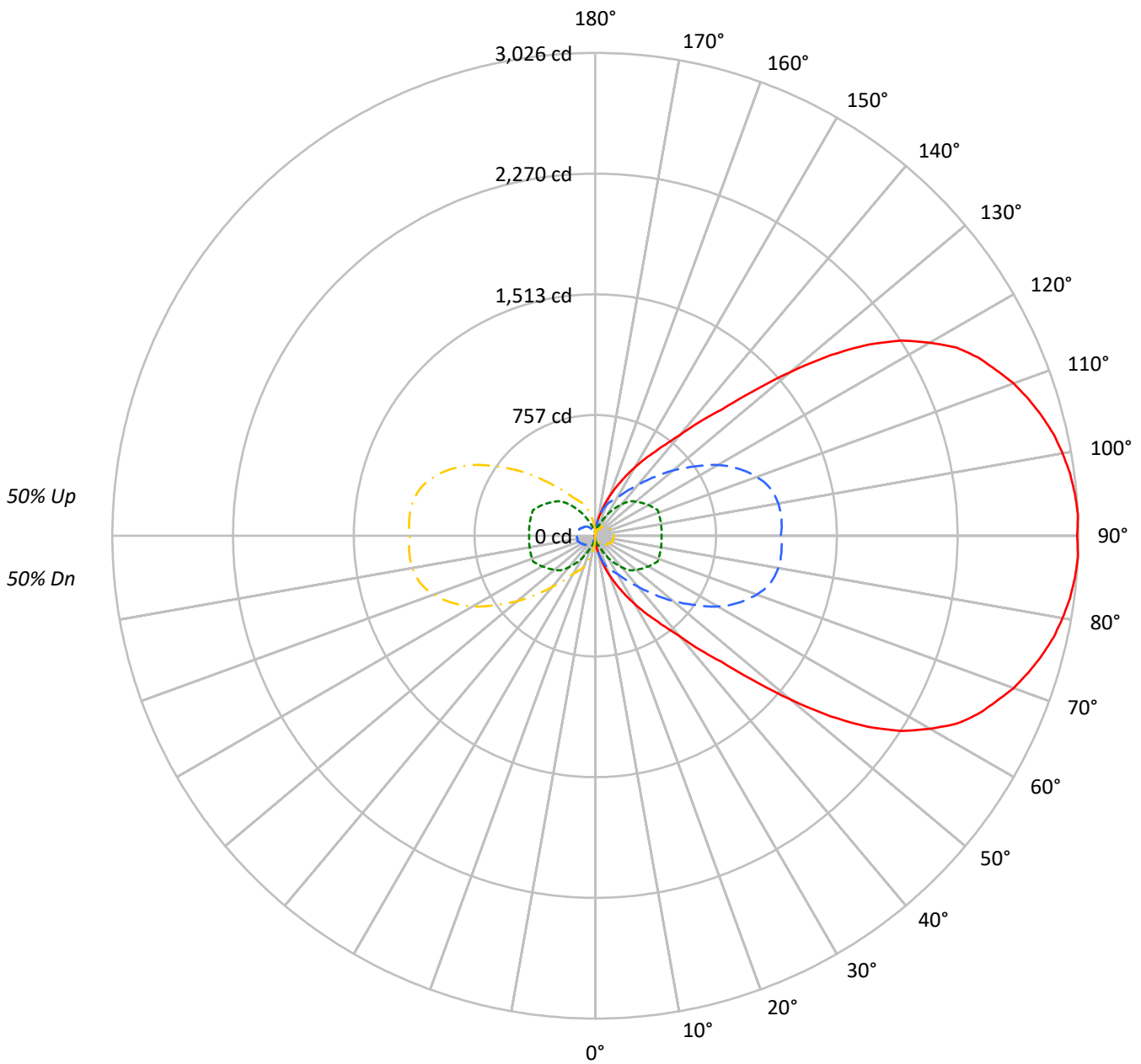
Lumens per Lamp: N/A  
Luminaire Lumens: 7132.9 lumens  
Efficiency: N/A  
Efficacy: 99.5 lumens/watt  
Spacing Criteria (0/90/45): 23.2 / 15.06 / 15.7  
Luminous Opening: Rectangular w/ Sides (W: 2.92' x L: 0.19' x H: 0.31')  
CIE Type: General Diffuse

Input Watts (W): 71.7  
Input Voltage (V): 120  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT

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### Luminous Intensity Polar Plot



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



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

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

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

	0°	90°	180°	270°
0°	37	37	37	37
5°	1028	390	17	390
10°	1695	741	15	741
15°	2507	1105	14	1105
20°	3474	1486	13	1486
25°	4514	2226	12	2226
30°	5716	3369	22	3369
35°	7019	4633	21	4633
40°	8821	6061	20	6061
45°	11659	7716	20	7716
50°	16364	9029	19	9029
55°	21201	10661	19	10661
60°	24504	12743	29	12743
65°	26926	15508	30	15508
70°	28766	18736	30	18736
75°	30508	22800	31	22800
80°	32235	29471	0	29471
85°	33968	42260	0	42260



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	3.7	0.1
10°-20°	25.5	0.4
20°-30°	70.9	1.0
30°-40°	153.5	2.2
40°-50°	295.3	4.1
50°-60°	507.7	7.1
60°-70°	717.4	10.1
70°-80°	861.2	12.1
80°-90°	931.3	13.1
90°-100°	931.3	13.1
100°-110°	861.2	12.1
110°-120°	717.4	10.1
120°-130°	507.7	7.1
130°-140°	295.3	4.1
140°-150°	153.5	2.2
150°-160°	70.9	1.0
160°-170°	25.5	0.4
170°-180°	3.7	0.1
0°-30°	100.2	1.4
0°-40°	253.6	3.6
0°-60°	1056.6	14.8
0°-90°	3566.5	50.0
90°-120°	2509.9	35.2
90°-150°	3466.3	48.6
90°-180°	3566.0	50.0
0°-180°	7132.9	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	2	2	2	2	2	
5°	60	20	1	20	60	7
15°	178	56	1	56	178	54
25°	369	108	1	108	369	176
35°	633	207	2	207	633	408
45°	1117	307	2	307	1117	905
55°	2088	358	2	358	2088	1853
65°	2644	410	3	410	2644	2612
75°	2896	420	3	420	2896	3059
85°	3016	416	0	416	3016	2455
90°	3019	415	0	415	3019	1657
95°	3016	416	0	416	3016	2455
105°	2896	420	3	420	2896	3059
115°	2644	410	3	410	2644	2612
125°	2088	358	2	358	2088	1853
135°	1117	307	2	307	1117	905
145°	633	207	2	207	633	408
155°	369	108	1	108	369	176
165°	178	56	1	56	178	54
175°	60	20	1	20	60	7
180°	1	1	1	1	1	



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**CANDELA DISTRIBUTION (FULL):**

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
0°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
2.5°	27.9	28.3	28.7	29.0	29.4	29.8	30.2	29.3	29.3	29.3	29.2
5°	59.6	60.4	61.1	61.9	62.6	61.9	61.9	61.9	61.7	61.4	61.0
7.5°	86.6	87.8	89.0	90.3	90.2	90.7	91.0	91.2	91.2	91.0	90.6
10°	109.7	111.5	113.2	115.0	115.3	116.2	116.9	117.4	117.7	117.8	117.6
12.5°	135.6	137.8	139.9	140.9	142.2	143.2	144.0	144.5	144.7	144.7	144.5
15°	178.0	179.7	181.3	180.9	181.0	180.7	180.1	179.2	178.1	176.6	174.9
17.5°	221.3	222.1	223.0	221.3	220.4	219.0	217.3	215.2	212.8	210.2	207.4
20°	266.5	266.5	266.5	263.5	261.3	258.5	255.3	251.7	247.6	243.3	238.6
22.5°	315.5	314.5	313.6	308.9	305.1	300.8	295.8	290.3	284.3	277.9	271.2
25°	369.4	367.3	363.0	358.4	352.8	346.5	339.4	331.7	323.4	314.7	305.4
27.5°	431.0	427.6	421.5	414.9	407.1	398.3	388.4	377.7	366.2	354.0	342.1
30°	493.5	490.2	483.7	476.3	467.4	456.8	444.7	431.0	415.7	398.8	383.9
32.5°	562.8	560.6	554.3	546.9	537.3	525.4	511.2	494.5	475.5	455.5	435.7
35°	633.0	632.6	627.7	621.4	612.4	600.7	586.0	568.4	547.7	525.0	499.9
37.5°	718.6	720.9	717.1	711.4	702.1	688.9	671.8	650.7	626.1	601.6	573.6
40°	823.4	827.9	824.4	818.6	808.4	793.6	774.2	750.2	723.0	692.6	657.4
42.5°	966.8	972.0	965.7	956.4	941.5	920.8	894.6	863.0	831.9	796.9	756.7
45°	1116.9	1124.6	1118.8	1109.3	1092.6	1068.6	1037.2	1004.7	959.5	914.3	865.4
47.5°	1337.1	1343.2	1328.7	1309.7	1281.5	1244.5	1199.4	1151.7	1103.4	1047.1	987.4
50°	1595.9	1594.1	1567.3	1536.3	1496.2	1448.4	1394.3	1335.1	1269.0	1187.4	1115.1
52.5°	1858.5	1847.9	1809.6	1767.0	1714.5	1654.0	1586.8	1517.1	1434.9	1342.8	1248.9
55°	2088.4	2067.4	2020.4	1970.1	1911.7	1847.3	1776.0	1689.6	1588.2	1485.4	1382.5
57.5°	2277.0	2247.5	2194.4	2138.2	2074.4	2004.7	1927.4	1840.4	1751.4	1628.1	1505.8
60°	2419.4	2386.5	2332.8	2275.0	2208.8	2135.0	2052.9	1966.7	1871.4	1763.5	1639.7
62.5°	2552.1	2507.0	2452.3	2389.7	2320.9	2248.1	2161.2	2072.2	1975.9	1876.0	1755.6
65°	2644.5	2603.0	2551.7	2489.6	2416.4	2336.0	2251.8	2159.7	2061.4	1959.4	1851.8
67.5°	2716.6	2678.3	2631.1	2574.2	2507.0	2423.9	2332.2	2235.6	2131.1	2026.2	1921.2
70°	2788.8	2757.2	2713.6	2655.8	2581.1	2497.5	2403.3	2301.7	2196.2	2086.7	1989.7
72.5°	2846.5	2820.7	2784.2	2735.4	2663.0	2566.7	2468.3	2357.0	2254.3	2154.3	2049.8
75°	2896.5	2882.1	2853.2	2793.7	2709.0	2622.2	2522.9	2417.9	2306.0	2204.7	2100.8
77.5°	2940.8	2929.8	2908.5	2846.7	2756.9	2655.2	2567.5	2463.5	2350.3	2240.5	2137.8
80°	2972.5	2960.4	2937.2	2888.0	2798.6	2697.9	2599.1	2501.9	2378.7	2265.8	2161.1
82.5°	2999.4	2982.1	2961.6	2917.5	2834.8	2725.9	2621.9	2515.9	2400.1	2287.8	2184.6
85°	3015.8	2995.3	2987.8	2933.4	2846.0	2738.3	2633.7	2531.3	2419.7	2304.9	2197.6
87.5°	3026.4	3009.8	2985.0	2942.3	2855.6	2748.6	2638.2	2533.9	2423.1	2311.1	2200.1
90°	3018.7	2993.7	2977.3	2929.2	2848.4	2737.8	2627.1	2521.3	2411.7	2305.8	2193.3
92.5°	3026.4	3009.8	2985.0	2942.3	2855.6	2748.6	2638.2	2533.9	2423.1	2311.1	2200.1
95°	3015.8	2995.3	2987.8	2933.4	2846.0	2738.3	2633.7	2531.3	2419.7	2304.9	2197.6
97.5°	2999.4	2982.1	2961.6	2917.5	2834.8	2725.9	2621.9	2515.9	2400.1	2287.8	2184.6
100°	2972.5	2960.4	2937.2	2888.0	2798.6	2697.9	2599.1	2501.9	2378.7	2265.8	2161.1
102.5°	2940.8	2929.8	2908.5	2846.7	2756.9	2655.2	2567.5	2463.5	2350.3	2240.5	2137.8
105°	2896.5	2882.1	2853.2	2793.7	2709.0	2622.2	2522.9	2417.9	2306.0	2204.7	2100.8
107.5°	2846.5	2820.7	2784.2	2735.4	2663.0	2566.7	2468.3	2357.0	2254.3	2154.3	2049.8
110°	2788.8	2757.2	2713.6	2655.8	2581.1	2497.5	2403.3	2301.7	2196.2	2086.7	1989.7



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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°	2716.6	2678.3	2631.1	2574.2	2507.0	2423.9	2332.2	2235.6	2131.1	2026.2	1921.2
115°	2644.5	2603.0	2551.7	2489.6	2416.4	2336.0	2251.8	2159.7	2061.4	1959.4	1851.8
117.5°	2552.1	2507.0	2452.3	2389.7	2320.9	2248.1	2161.2	2072.2	1975.9	1876.0	1755.6
120°	2419.4	2386.5	2332.8	2275.0	2208.8	2135.0	2052.9	1966.7	1871.4	1763.5	1639.7
122.5°	2277.0	2247.5	2194.4	2138.2	2074.4	2004.7	1927.4	1840.4	1751.4	1628.1	1505.8
125°	2088.4	2067.4	2020.4	1970.1	1911.7	1847.3	1776.0	1689.6	1588.2	1485.4	1382.5
127.5°	1858.5	1847.9	1809.6	1767.0	1714.5	1654.0	1586.8	1517.1	1434.9	1342.8	1248.9
130°	1595.9	1594.1	1567.3	1536.3	1496.2	1448.4	1394.3	1335.1	1269.0	1187.4	1115.1
132.5°	1337.1	1343.2	1328.7	1309.7	1281.5	1244.5	1199.4	1151.7	1103.4	1047.1	987.4
135°	1116.9	1124.6	1118.8	1109.3	1092.6	1068.6	1037.2	1004.7	959.5	914.3	865.4
137.5°	966.8	972.0	965.7	956.4	941.5	920.8	894.6	863.0	831.9	796.9	756.7
140°	823.4	827.9	824.4	818.6	808.4	793.6	774.2	750.2	723.0	692.6	657.4
142.5°	718.6	720.9	717.1	711.4	702.1	688.9	671.8	650.7	626.1	601.6	573.6
145°	633.0	632.6	627.7	621.4	612.4	600.7	586.0	568.4	547.7	525.0	499.9
147.5°	562.8	560.6	554.3	546.9	537.3	525.4	511.2	494.5	475.5	455.5	435.7
150°	493.5	490.2	483.7	476.3	467.4	456.8	444.7	431.0	415.7	398.8	383.9
152.5°	431.0	427.6	421.5	414.9	407.1	398.3	388.4	377.7	366.2	354.0	342.1
155°	369.4	367.3	363.0	358.4	352.8	346.5	339.4	331.7	323.4	314.7	305.4
157.5°	315.5	314.5	313.6	308.9	305.1	300.8	295.8	290.3	284.3	277.9	271.2
160°	266.5	266.5	266.5	263.5	261.3	258.5	255.3	251.7	247.6	243.3	238.6
162.5°	221.3	222.1	223.0	221.3	220.4	219.0	217.3	215.2	212.8	210.2	207.4
165°	178.0	179.7	181.3	180.9	181.0	180.7	180.1	179.2	178.1	176.6	174.9
167.5°	135.6	137.8	139.9	140.9	142.2	143.2	144.0	144.5	144.7	144.7	144.5
170°	109.7	111.5	113.2	115.0	115.3	116.2	116.9	117.4	117.7	117.8	117.6
172.5°	86.6	87.8	89.0	90.3	90.2	90.7	91.0	91.2	91.2	91.0	90.6
175°	59.6	60.4	61.1	61.9	62.6	61.9	61.9	61.9	61.7	61.4	61.0
177.5°	27.9	28.3	28.7	29.0	29.4	29.8	30.2	29.3	29.3	29.3	29.2
180°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0



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**CANDELA DISTRIBUTION (continued):**

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
0°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
2.5°	29.0	28.8	28.6	28.2	27.9	27.5	27.0	26.5	26.0	25.4	24.7
5°	60.5	59.8	59.0	58.1	57.1	56.0	54.7	53.4	51.9	50.3	48.7
7.5°	90.0	89.3	88.4	87.4	86.1	84.7	83.1	81.4	79.5	77.2	74.7
10°	117.2	116.7	115.8	114.8	113.6	112.1	110.2	107.9	105.3	102.6	99.6
12.5°	143.9	143.2	142.2	140.9	139.4	137.6	135.5	133.2	130.5	127.6	124.5
15°	173.1	171.0	168.8	167.0	165.2	163.1	160.8	158.2	155.3	151.8	147.9
17.5°	204.5	201.4	198.3	195.2	192.0	188.8	185.6	182.4	179.0	175.3	171.4
20°	233.7	229.2	225.0	220.8	216.6	212.5	208.7	205.0	201.4	197.9	193.7
22.5°	264.4	258.1	251.6	245.1	238.5	233.2	228.5	224.1	220.1	216.3	212.9
25°	296.8	288.1	279.1	270.1	261.9	254.3	246.9	240.0	235.5	231.5	228.3
27.5°	330.8	319.3	307.5	296.2	285.9	275.6	266.5	257.6	249.9	243.3	239.8
30°	368.6	352.7	337.7	323.4	310.0	296.7	285.4	274.4	268.6	266.5	264.1
32.5°	414.2	391.2	371.3	353.0	334.6	319.0	311.0	304.8	300.1	295.2	292.2
35°	472.0	443.0	416.5	388.4	368.4	358.1	346.7	339.4	331.7	325.7	320.3
37.5°	542.0	509.0	473.6	449.1	426.2	404.3	389.1	375.7	365.0	356.3	349.2
40°	619.4	583.9	553.0	522.6	491.9	463.4	438.4	416.4	401.1	388.0	378.3
42.5°	715.2	675.8	636.2	600.5	566.3	529.0	494.4	466.2	440.0	422.7	408.5
45°	820.9	774.0	728.1	681.4	638.5	596.3	557.4	519.0	487.8	459.8	440.5
47.5°	930.0	873.5	820.8	767.7	716.2	666.8	620.3	577.8	537.3	503.3	475.7
50°	1042.4	976.5	912.6	853.6	797.9	739.3	685.7	635.1	590.7	549.6	512.9
52.5°	1158.4	1079.6	1004.9	937.2	873.2	813.4	751.6	695.4	644.2	596.9	566.2
55°	1280.5	1181.1	1096.3	1017.3	947.4	880.7	815.7	755.5	705.3	663.1	632.9
57.5°	1394.3	1285.4	1183.3	1095.6	1016.3	946.6	883.2	824.1	770.0	724.4	692.7
60°	1501.3	1380.9	1268.5	1166.8	1085.7	1012.8	947.3	886.5	831.1	783.8	748.0
62.5°	1622.0	1470.2	1349.6	1246.3	1153.8	1073.2	1004.9	943.3	887.2	836.5	798.4
65°	1722.2	1578.9	1430.3	1318.5	1220.1	1132.6	1055.9	992.7	937.6	887.0	848.4
67.5°	1810.6	1669.0	1518.3	1384.2	1278.0	1185.2	1103.5	1037.6	982.5	933.7	893.2
70°	1878.5	1744.6	1596.3	1442.5	1329.5	1234.0	1149.0	1076.7	1021.2	975.4	933.0
72.5°	1943.4	1808.3	1652.4	1498.6	1371.6	1273.8	1188.3	1112.4	1054.7	1012.1	971.2
75°	1992.4	1865.0	1706.0	1538.5	1402.8	1305.9	1218.8	1137.2	1077.0	1035.5	1001.8
77.5°	2035.5	1914.2	1750.5	1578.9	1438.6	1329.4	1235.7	1153.5	1092.1	1053.8	1027.8
80°	2063.4	1949.8	1794.5	1618.5	1467.7	1349.2	1249.1	1164.0	1102.7	1067.6	1050.0
82.5°	2087.4	1979.7	1831.6	1645.4	1488.4	1365.0	1258.7	1169.5	1109.6	1078.1	1069.2
85°	2102.4	2000.8	1859.6	1660.0	1500.8	1376.2	1264.2	1170.5	1113.4	1086.0	1086.3
87.5°	2108.7	2017.6	1883.7	1668.1	1508.9	1385.2	1267.8	1168.9	1115.3	1092.3	1102.1
90°	2106.7	2014.4	1879.7	1655.6	1502.6	1382.4	1262.1	1162.1	1114.9	1098.6	1117.8
92.5°	2108.7	2017.6	1883.7	1668.1	1508.9	1385.2	1267.8	1168.9	1115.3	1092.3	1102.0
95°	2102.4	2000.8	1859.6	1660.0	1500.8	1376.2	1264.2	1170.5	1113.4	1086.0	1086.3
97.5°	2087.4	1979.7	1831.6	1645.4	1488.4	1365.0	1258.7	1169.5	1109.6	1078.1	1069.2
100°	2063.4	1949.8	1794.5	1618.5	1467.7	1349.2	1249.1	1164.0	1102.7	1067.6	1050.0
102.5°	2035.5	1914.2	1750.5	1578.9	1438.6	1329.4	1235.7	1153.5	1092.1	1053.8	1027.8
105°	1992.4	1865.0	1706.0	1538.5	1402.8	1305.9	1218.8	1137.2	1077.0	1035.5	1001.8
107.5°	1943.4	1808.3	1652.4	1498.6	1371.6	1273.8	1188.3	1112.4	1054.7	1012.1	971.2
110°	1878.5	1744.6	1596.3	1442.5	1329.5	1234.0	1149.0	1076.7	1021.2	975.4	933.0





TEST NUMBER: P232060

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

**CANDELA DISTRIBUTION (continued):**

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
112.5°	1810.6	1669.0	1518.3	1384.2	1278.0	1185.2	1103.5	1037.6	982.5	933.7	893.2
115°	1722.2	1578.9	1430.3	1318.5	1220.1	1132.6	1055.9	992.7	937.6	887.0	848.4
117.5°	1622.0	1470.2	1349.6	1246.3	1153.8	1073.2	1004.9	943.3	887.2	836.5	798.4
120°	1501.3	1380.9	1268.5	1166.8	1085.7	1012.8	947.3	886.5	831.1	783.8	748.0
122.5°	1394.3	1285.4	1183.3	1095.6	1016.3	946.6	883.2	824.1	770.0	724.4	692.7
125°	1280.5	1181.1	1096.3	1017.3	947.4	880.7	815.7	755.5	705.3	663.1	632.9
127.5°	1158.4	1079.6	1004.9	937.2	873.2	813.4	751.6	695.4	644.2	596.9	566.2
130°	1042.4	976.5	912.6	853.6	797.9	739.3	685.7	635.1	590.7	549.6	512.9
132.5°	930.0	873.5	820.8	767.7	716.2	666.8	620.3	577.8	537.3	503.3	475.7
135°	820.9	774.0	728.1	681.4	638.5	596.3	557.4	519.0	487.8	459.8	440.5
137.5°	715.2	675.8	636.2	600.5	566.3	529.0	494.4	466.2	440.0	422.7	408.5
140°	619.4	583.9	553.0	522.6	491.9	463.4	438.4	416.4	401.1	388.0	378.3
142.5°	542.0	509.0	473.6	449.1	426.2	404.3	389.1	375.7	365.0	356.3	349.2
145°	472.0	443.0	416.5	388.4	368.4	358.1	346.7	339.4	331.7	325.7	320.3
147.5°	414.2	391.2	371.3	353.0	334.6	319.0	311.0	304.8	300.1	295.2	292.2
150°	368.6	352.7	337.7	323.4	310.0	296.7	285.4	274.4	268.6	266.5	264.1
152.5°	330.8	319.3	307.5	296.2	285.9	275.6	266.5	257.6	249.9	243.3	239.8
155°	296.8	288.1	279.1	270.1	261.9	254.3	246.9	240.0	235.5	231.5	228.3
157.5°	264.4	258.1	251.6	245.1	238.5	233.2	228.5	224.1	220.1	216.3	212.9
160°	233.7	229.2	225.0	220.8	216.6	212.5	208.7	205.0	201.4	197.9	193.7
162.5°	204.5	201.4	198.3	195.2	192.0	188.8	185.6	182.4	179.0	175.3	171.4
165°	173.1	171.0	168.8	167.0	165.2	163.1	160.8	158.2	155.3	151.8	147.9
167.5°	143.9	143.2	142.2	140.9	139.4	137.6	135.5	133.2	130.5	127.6	124.5
170°	117.2	116.7	115.8	114.8	113.6	112.1	110.2	107.9	105.3	102.6	99.6
172.5°	90.0	89.3	88.4	87.4	86.1	84.7	83.1	81.4	79.5	77.2	74.7
175°	60.5	59.8	59.0	58.1	57.1	56.0	54.7	53.4	51.9	50.3	48.7
177.5°	29.0	28.8	28.6	28.2	27.9	27.5	27.0	26.5	26.0	25.4	24.7
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: P232060

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

**CANDELA DISTRIBUTION (continued):**

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
2.5°	24.1	23.3	22.6	21.8	20.9	20.1	19.2	18.2	17.2	16.2	15.2
5°	46.9	45.0	43.1	41.5	39.8	38.1	36.3	34.4	32.5	30.5	28.5
7.5°	72.0	69.3	66.3	63.3	60.1	56.8	53.4	50.5	47.6	44.6	41.6
10°	96.4	93.0	89.7	85.4	81.2	76.8	72.2	67.6	62.7	58.7	54.7
12.5°	120.5	116.2	111.7	106.9	102.0	96.6	91.0	85.1	79.2	73.0	67.6
15°	143.8	139.3	135.2	128.6	122.5	116.2	109.6	102.6	95.5	88.2	80.7
17.5°	167.9	161.8	156.1	150.1	143.5	135.9	128.1	120.0	111.7	103.2	94.5
20°	188.9	183.9	178.3	171.2	163.8	156.0	146.9	137.5	127.8	118.1	108.2
22.5°	209.7	204.6	198.7	192.4	184.3	175.3	166.0	155.2	144.1	132.9	121.9
25°	224.9	222.2	218.4	211.6	206.3	199.0	190.6	181.6	171.2	160.5	149.7
27.5°	240.3	240.9	241.3	240.3	234.9	229.1	221.0	212.0	201.9	190.8	179.3
30°	264.3	264.7	264.8	264.6	262.7	256.8	250.2	241.2	232.5	220.4	208.8
32.5°	289.5	288.6	288.5	288.1	287.3	283.7	277.3	269.4	260.1	249.3	237.4
35°	316.5	313.5	312.3	311.6	310.7	309.3	303.4	297.1	287.5	277.6	265.7
37.5°	343.4	339.5	336.4	335.2	334.4	332.4	329.0	322.2	314.0	305.1	293.4
40°	370.9	364.9	361.5	358.7	357.4	355.6	353.3	347.1	339.8	331.3	320.6
42.5°	398.0	391.1	385.7	382.9	380.7	378.7	376.2	371.6	364.7	356.8	347.3
45°	426.7	416.2	410.4	406.5	403.9	401.7	399.1	395.5	388.9	381.8	373.5
47.5°	454.5	443.0	434.6	429.7	427.1	427.3	428.3	426.2	419.0	409.5	398.6
50°	487.9	471.8	472.6	478.0	481.0	480.1	475.7	467.8	455.3	439.7	424.4
52.5°	544.5	536.7	538.4	542.1	543.5	536.7	526.3	512.4	494.1	471.4	451.1
55°	609.2	600.9	601.6	606.8	608.6	597.0	580.1	559.7	535.3	505.1	478.9
57.5°	670.9	660.1	662.6	670.6	672.8	660.6	636.7	609.5	578.3	540.8	507.5
60°	726.3	716.3	721.7	732.0	737.4	727.3	695.9	661.5	622.7	578.0	537.1
62.5°	778.8	771.4	777.4	791.6	802.4	796.8	757.3	715.1	668.7	616.4	567.3
65°	826.9	821.6	829.6	849.5	867.5	863.2	820.8	770.4	716.1	656.0	598.1
67.5°	870.1	867.4	878.8	905.4	927.6	927.4	886.0	827.0	764.5	696.4	629.3
70°	910.0	911.3	928.1	956.6	976.9	971.3	924.1	853.0	781.5	708.0	636.3
72.5°	948.7	947.7	960.6	983.0	996.6	983.3	934.8	859.6	785.4	711.8	639.3
75°	981.6	980.7	992.2	1010.8	1020.5	997.5	944.9	865.7	788.3	714.6	641.6
77.5°	1011.5	1012.9	1024.5	1040.1	1047.7	1013.4	954.3	871.2	790.3	716.5	643.4
80°	1038.9	1044.6	1057.4	1070.5	1077.3	1030.3	963.0	875.9	791.4	717.6	644.6
82.5°	1064.4	1076.0	1090.9	1101.9	1108.6	1047.7	970.6	879.8	791.6	717.8	647.1
85°	1088.8	1107.3	1124.9	1134.0	1140.5	1068.2	980.1	885.2	792.7	718.6	646.2
87.5°	1112.4	1138.5	1159.1	1166.6	1173.0	1082.4	983.0	885.1	789.8	716.2	645.4
90°	1137.1	1170.7	1193.8	1199.6	1202.5	1096.6	986.0	885.0	786.9	713.8	644.5
92.5°	1112.4	1138.5	1159.1	1166.6	1173.0	1082.4	983.0	885.1	789.8	716.2	645.4
95°	1088.8	1107.3	1124.9	1134.0	1140.5	1068.2	980.1	885.2	792.7	718.6	646.2
97.5°	1064.4	1076.0	1090.9	1101.9	1108.6	1047.7	970.6	879.8	791.6	717.8	647.1
100°	1038.9	1044.6	1057.4	1070.5	1077.3	1030.3	963.0	875.9	791.4	717.6	644.6
102.5°	1011.5	1012.9	1024.5	1040.1	1047.7	1013.4	954.3	871.2	790.3	716.5	643.4
105°	981.6	980.7	992.2	1010.8	1020.5	997.5	944.9	865.7	788.3	714.6	641.6
107.5°	948.7	947.7	960.6	983.0	996.6	983.3	934.8	859.6	785.4	711.8	639.3
110°	910.0	911.3	928.1	956.6	976.9	971.3	924.1	853.0	781.5	708.0	636.3



TEST NUMBER: P232060

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

**CANDELA DISTRIBUTION (continued):**

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
112.5°	870.1	867.4	878.8	905.4	927.6	927.4	886.0	827.0	764.5	696.4	629.3
115°	826.9	821.6	829.6	849.5	867.5	863.2	820.8	770.4	716.1	656.0	598.1
117.5°	778.8	771.4	777.4	791.6	802.4	796.8	757.3	715.1	668.7	616.4	567.3
120°	726.3	716.3	721.7	732.0	737.4	727.3	695.9	661.5	622.7	578.0	537.1
122.5°	670.9	660.1	662.6	670.6	672.8	660.6	636.7	609.5	578.3	540.8	507.5
125°	609.2	600.9	601.6	606.8	608.6	597.0	580.1	559.7	535.3	505.1	478.9
127.5°	544.5	536.7	538.4	542.1	543.5	536.7	526.3	512.4	494.1	471.4	451.1
130°	487.9	471.8	472.6	478.0	481.0	480.1	475.7	467.8	455.3	439.7	424.4
132.5°	454.5	443.0	434.6	429.7	427.1	427.3	428.3	426.2	419.0	409.5	398.6
135°	426.7	416.2	410.4	406.5	403.9	401.7	399.1	395.5	388.9	381.8	373.5
137.5°	398.0	391.1	385.7	382.9	380.7	378.7	376.2	371.6	364.7	356.8	347.3
140°	370.9	364.9	361.5	358.7	357.4	355.6	353.3	347.1	339.8	331.3	320.6
142.5°	343.4	339.5	336.4	335.2	334.4	332.4	329.0	322.2	314.0	305.1	293.4
145°	316.5	313.5	312.3	311.6	310.7	309.3	303.4	297.1	287.5	277.6	265.7
147.5°	289.5	288.6	288.5	288.1	287.3	283.7	277.3	269.4	260.1	249.3	237.4
150°	264.3	264.7	264.8	264.6	262.7	256.8	250.2	241.2	232.5	220.4	208.8
152.5°	240.3	240.9	241.3	240.3	234.9	229.1	221.0	212.0	201.9	190.8	179.3
155°	224.9	222.2	218.4	211.6	206.3	199.0	190.6	181.6	171.2	160.5	149.7
157.5°	209.7	204.6	198.7	192.4	184.3	175.3	166.0	155.2	144.1	132.9	121.9
160°	188.9	183.9	178.3	171.2	163.8	156.0	146.9	137.5	127.8	118.1	108.2
162.5°	167.9	161.8	156.1	150.1	143.5	135.9	128.1	120.0	111.7	103.2	94.5
165°	143.8	139.3	135.2	128.6	122.5	116.2	109.6	102.6	95.5	88.2	80.7
167.5°	120.5	116.2	111.7	106.9	102.0	96.6	91.0	85.1	79.2	73.0	67.6
170°	96.4	93.0	89.7	85.4	81.2	76.8	72.2	67.6	62.7	58.7	54.7
172.5°	72.0	69.3	66.3	63.3	60.1	56.8	53.4	50.5	47.6	44.6	41.6
175°	46.9	45.0	43.1	41.5	39.8	38.1	36.3	34.4	32.5	30.5	28.5
177.5°	24.1	23.3	22.6	21.8	20.9	20.1	19.2	18.2	17.2	16.2	15.2
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: P232060

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

**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
0°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
2.5°	14.2	13.1	12.0	10.9	10.8	10.8	10.7	10.6	10.5	10.4	10.2
5°	26.4	24.2	22.1	19.9	19.7	19.5	19.3	19.0	18.7	18.4	18.0
7.5°	38.5	35.3	32.1	28.8	28.5	28.1	27.6	27.1	26.6	26.0	25.4
10°	50.6	46.4	42.1	37.8	37.2	36.5	35.7	34.9	34.1	33.3	32.6
12.5°	62.6	57.4	52.1	46.8	45.8	44.8	43.7	42.5	41.4	40.6	39.7
15°	74.5	68.4	62.1	55.8	54.4	52.9	51.4	49.9	48.9	47.9	46.8
17.5°	86.3	79.3	72.1	64.7	62.9	60.9	58.9	57.5	56.3	55.0	53.8
20°	98.2	90.1	82.0	73.7	71.3	68.8	66.4	65.0	63.6	62.2	60.9
22.5°	110.7	100.9	91.9	82.7	79.7	76.6	74.0	72.5	70.9	69.4	67.9
25°	138.5	127.6	117.9	107.6	103.3	98.6	94.9	91.8	88.4	85.1	81.7
27.5°	167.2	155.0	144.0	132.5	126.9	120.8	116.5	112.2	107.9	103.5	98.9
30°	195.8	182.5	170.2	157.4	150.3	142.8	137.6	132.2	126.7	121.0	115.5
32.5°	224.2	210.1	196.4	182.3	173.6	164.9	158.4	151.7	144.7	138.0	131.5
35°	252.4	237.6	222.6	207.3	196.8	186.7	178.8	170.6	162.2	154.4	146.8
37.5°	280.4	265.0	248.9	232.2	219.8	208.3	198.9	189.1	179.4	170.4	161.2
40°	308.2	292.2	275.1	257.1	242.7	229.7	218.7	207.0	195.9	186.0	174.9
42.5°	335.7	319.3	301.4	282.0	265.5	251.0	238.6	224.6	212.3	201.5	188.0
45°	362.4	346.3	327.7	306.9	288.3	272.0	257.3	241.7	228.4	215.2	200.7
47.5°	383.4	364.2	342.6	319.7	298.9	280.8	264.3	247.6	234.7	221.7	208.1
50°	404.6	381.9	357.5	332.5	309.2	288.8	269.8	251.2	237.1	223.5	210.3
52.5°	426.6	399.8	372.4	345.4	319.5	296.6	275.0	254.9	239.2	225.7	213.0
55°	449.3	418.1	387.4	358.2	329.8	304.2	280.0	258.4	241.6	228.4	216.2
57.5°	472.8	436.5	402.3	371.0	340.0	311.6	284.8	261.8	244.4	231.5	220.0
60°	496.8	455.1	417.3	383.8	350.1	318.9	289.5	265.1	247.5	235.2	224.8
62.5°	521.3	473.8	432.3	396.7	360.3	326.1	294.1	268.2	250.8	239.4	229.2
65°	546.3	492.6	447.2	409.5	370.4	333.1	298.6	271.4	254.5	243.8	234.6
67.5°	571.5	511.5	462.2	422.3	380.5	340.1	303.0	274.5	258.4	248.7	240.6
70°	577.2	516.0	465.7	421.4	378.6	337.1	300.0	272.3	257.0	247.8	241.2
72.5°	581.0	519.9	469.2	420.6	376.7	333.9	296.7	269.7	254.3	244.6	238.6
75°	584.4	523.5	474.6	419.7	374.8	330.9	293.6	267.3	251.6	241.4	236.2
77.5°	587.2	526.9	477.5	418.9	373.1	327.9	290.7	265.1	248.9	238.3	234.1
80°	589.7	531.6	480.5	418.0	371.4	325.1	288.1	263.2	246.2	235.3	232.1
82.5°	593.2	533.8	483.5	417.2	369.8	322.4	285.7	261.6	243.6	232.3	230.2
85°	594.0	536.1	486.5	416.3	368.3	320.0	283.6	260.1	241.1	229.5	228.5
87.5°	594.7	538.3	489.5	415.5	366.8	317.6	281.6	258.9	238.8	226.7	226.8
90°	595.5	540.6	492.5	414.6	365.5	315.5	279.9	257.8	236.6	224.1	225.1
92.5°	594.7	538.3	489.5	415.5	366.8	317.6	281.6	258.9	238.8	226.7	226.8
95°	594.0	536.1	486.5	416.3	368.3	320.0	283.6	260.1	241.1	229.5	228.5
97.5°	593.2	533.8	483.5	417.2	369.8	322.4	285.7	261.6	243.6	232.3	230.2
100°	589.7	531.6	480.5	418.0	371.4	325.1	288.1	263.2	246.2	235.3	232.1
102.5°	587.2	526.9	477.5	418.9	373.1	327.9	290.7	265.1	248.9	238.3	234.1
105°	584.4	523.5	474.6	419.7	374.8	330.9	293.6	267.3	251.6	241.4	236.2
107.5°	581.0	519.9	469.2	420.6	376.7	333.9	296.7	269.7	254.3	244.6	238.6
110°	577.2	516.0	465.7	421.4	378.6	337.1	300.0	272.3	257.0	247.8	241.2



TEST NUMBER: P232060

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

**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
112.5°	571.5	511.5	462.2	422.3	380.5	340.1	303.0	274.5	258.4	248.7	240.6
115°	546.3	492.6	447.2	409.5	370.4	333.1	298.6	271.4	254.5	243.8	234.6
117.5°	521.3	473.8	432.3	396.7	360.3	326.1	294.1	268.2	250.8	239.4	229.2
120°	496.8	455.1	417.3	383.8	350.1	318.9	289.5	265.1	247.5	235.2	224.8
122.5°	472.8	436.5	402.3	371.0	340.0	311.6	284.8	261.8	244.4	231.5	220.0
125°	449.3	418.1	387.4	358.2	329.8	304.2	280.0	258.4	241.6	228.4	216.2
127.5°	426.6	399.8	372.4	345.4	319.5	296.6	275.0	254.9	239.2	225.7	213.0
130°	404.6	381.9	357.5	332.5	309.2	288.8	269.8	251.2	237.1	223.5	210.3
132.5°	383.4	364.2	342.6	319.7	298.9	280.8	264.3	247.6	234.7	221.7	208.1
135°	362.4	346.3	327.7	306.9	288.3	272.0	257.3	241.7	228.4	215.2	200.7
137.5°	335.7	319.3	301.4	282.0	265.5	251.0	238.6	224.6	212.3	201.5	188.0
140°	308.2	292.2	275.1	257.1	242.7	229.7	218.7	207.0	195.9	186.0	174.9
142.5°	280.4	265.0	248.9	232.2	219.8	208.3	198.9	189.1	179.4	170.4	161.2
145°	252.4	237.6	222.6	207.3	196.8	186.7	178.8	170.6	162.2	154.4	146.8
147.5°	224.2	210.1	196.4	182.3	173.6	164.9	158.4	151.7	144.7	138.0	131.5
150°	195.8	182.5	170.2	157.4	150.3	142.8	137.6	132.2	126.7	121.0	115.5
152.5°	167.2	155.0	144.0	132.5	126.9	120.8	116.5	112.2	107.9	103.5	98.9
155°	138.5	127.6	117.9	107.6	103.3	98.6	94.9	91.8	88.4	85.1	81.7
157.5°	110.7	100.9	91.9	82.7	79.7	76.6	74.0	72.5	70.9	69.4	67.9
160°	98.2	90.1	82.0	73.7	71.3	68.8	66.4	65.0	63.6	62.2	60.9
162.5°	86.3	79.3	72.1	64.7	62.9	60.9	58.9	57.5	56.3	55.0	53.8
165°	74.5	68.4	62.1	55.8	54.4	52.9	51.4	49.9	48.9	47.9	46.8
167.5°	62.6	57.4	52.1	46.8	45.8	44.8	43.7	42.5	41.4	40.6	39.7
170°	50.6	46.4	42.1	37.8	37.2	36.5	35.7	34.9	34.1	33.3	32.6
172.5°	38.5	35.3	32.1	28.8	28.5	28.1	27.6	27.1	26.6	26.0	25.4
175°	26.4	24.2	22.1	19.9	19.7	19.5	19.3	19.0	18.7	18.4	18.0
177.5°	14.2	13.1	12.0	10.9	10.8	10.8	10.7	10.6	10.5	10.4	10.2
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: P232060

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

**CANDELA DISTRIBUTION (continued):**

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
0°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
2.5°	10.1	9.9	9.7	9.5	9.3	9.1	8.9	8.6	8.4	8.1	7.8
5°	17.7	17.3	16.9	16.4	16.0	15.5	15.0	14.5	14.0	13.5	12.9
7.5°	24.8	24.2	23.6	23.0	22.3	21.6	20.9	20.1	19.3	18.5	17.8
10°	31.8	31.1	30.2	29.4	28.4	27.6	26.8	25.9	24.9	24.0	23.0
12.5°	38.8	37.8	36.8	35.9	34.9	33.9	32.8	31.7	30.4	29.1	27.8
15°	45.7	44.6	43.5	42.4	41.2	39.8	38.4	36.9	35.4	33.9	32.2
17.5°	52.6	51.4	50.2	48.7	47.1	45.4	43.7	41.9	40.0	38.0	36.1
20°	59.6	58.2	56.4	54.6	52.7	50.6	48.4	46.3	44.1	42.1	40.0
22.5°	66.4	64.4	62.4	60.2	57.8	55.3	52.9	50.6	48.3	46.0	43.3
25°	77.9	73.9	69.7	65.3	62.5	59.9	57.4	54.9	51.8	48.7	45.6
27.5°	94.3	89.4	84.0	78.6	73.5	68.5	63.3	57.9	54.4	51.4	48.6
30°	109.9	103.6	97.2	91.1	85.2	79.0	72.4	66.3	60.9	55.8	51.4
32.5°	124.5	116.9	109.7	102.7	95.4	87.7	80.7	74.4	68.5	62.8	57.4
35°	138.2	129.5	121.3	113.0	104.1	95.8	88.5	81.6	75.1	69.0	63.5
37.5°	151.1	141.5	132.1	121.8	111.9	103.4	95.4	88.0	81.1	74.7	68.9
40°	163.5	152.7	141.4	129.7	119.6	110.1	101.7	93.8	86.4	80.0	74.1
42.5°	175.4	163.2	149.8	137.5	126.4	116.6	107.4	99.0	91.5	84.9	78.4
45°	186.7	172.4	157.6	144.7	133.0	122.4	112.7	103.9	96.3	88.8	81.7
47.5°	195.0	180.4	165.4	151.3	139.3	127.9	117.4	108.8	100.3	91.9	85.0
50°	197.2	182.8	169.0	156.0	144.2	132.8	122.4	113.0	103.4	95.0	87.5
52.5°	200.0	186.2	172.5	159.8	147.9	136.8	127.4	116.9	106.3	97.6	89.3
55°	203.6	190.3	176.6	163.9	152.2	142.2	132.9	122.6	111.9	101.2	91.0
57.5°	208.1	194.9	181.3	168.5	157.0	148.4	139.3	128.8	117.2	105.5	95.0
60°	213.3	199.8	186.2	173.8	163.4	155.4	146.7	134.8	122.0	109.7	98.5
62.5°	218.9	205.2	191.3	179.4	170.6	163.1	153.7	140.7	126.4	113.6	101.8
65°	224.6	210.9	196.9	185.5	178.3	171.6	160.4	145.8	130.8	117.3	104.9
67.5°	230.6	216.8	203.1	192.5	186.6	180.8	167.2	150.8	135.1	121.0	108.2
70°	232.3	220.0	208.2	200.1	195.5	189.3	173.9	155.7	139.4	124.8	111.4
72.5°	230.1	218.9	208.3	200.7	196.4	189.6	175.7	159.2	143.6	128.6	114.6
75°	228.3	218.5	208.6	201.1	196.0	187.5	174.2	158.6	142.7	128.3	115.4
77.5°	226.9	218.6	209.2	201.4	195.4	186.2	173.8	158.5	142.0	127.1	114.2
80°	225.9	219.1	210.0	201.6	194.7	185.4	174.5	158.8	141.6	126.3	113.7
82.5°	225.2	220.0	211.1	201.8	194.0	185.1	176.0	159.7	141.5	125.9	113.8
85°	224.7	221.2	212.3	202.0	193.3	185.3	178.1	161.0	141.8	126.0	114.5
87.5°	224.4	222.6	213.8	202.4	192.8	185.8	180.8	163.0	142.7	126.6	115.7
90°	224.1	224.1	215.5	203.0	192.4	186.6	183.7	165.5	144.3	127.9	117.4
92.5°	224.4	222.6	213.8	202.4	192.8	185.8	180.8	163.0	142.7	126.6	115.7
95°	224.7	221.2	212.3	202.0	193.3	185.3	178.1	161.0	141.8	126.0	114.5
97.5°	225.2	220.0	211.1	201.8	194.0	185.1	176.0	159.7	141.5	125.9	113.8
100°	225.9	219.1	210.0	201.6	194.7	185.4	174.5	158.8	141.6	126.3	113.7
102.5°	226.9	218.6	209.2	201.4	195.4	186.2	173.8	158.5	142.0	127.1	114.2
105°	228.3	218.5	208.6	201.1	196.0	187.5	174.2	158.6	142.7	128.3	115.4
107.5°	230.1	218.9	208.3	200.7	196.4	189.6	175.7	159.2	143.6	128.6	114.6
110°	232.3	220.0	208.2	200.1	195.5	189.3	173.9	155.7	139.4	124.8	111.4



TEST NUMBER: P232060

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

**CANDELA DISTRIBUTION (continued):**

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
112.5°	230.6	216.8	203.1	192.5	186.6	180.8	167.2	150.8	135.1	121.0	108.2
115°	224.6	210.9	196.9	185.5	178.3	171.6	160.4	145.8	130.8	117.3	104.9
117.5°	218.9	205.2	191.3	179.4	170.6	163.1	153.7	140.7	126.4	113.6	101.8
120°	213.3	199.8	186.2	173.8	163.4	155.4	146.7	134.8	122.0	109.7	98.5
122.5°	208.1	194.9	181.3	168.5	157.0	148.4	139.3	128.8	117.2	105.5	95.0
125°	203.6	190.3	176.6	163.9	152.2	142.2	132.9	122.6	111.9	101.2	91.0
127.5°	200.0	186.2	172.5	159.8	147.9	136.8	127.4	116.9	106.3	97.6	89.3
130°	197.2	182.8	169.0	156.0	144.2	132.8	122.4	113.0	103.4	95.0	87.5
132.5°	195.0	180.4	165.4	151.3	139.3	127.9	117.4	108.8	100.3	91.9	85.0
135°	186.7	172.4	157.6	144.7	133.0	122.4	112.7	103.9	96.3	88.8	81.7
137.5°	175.4	163.2	149.8	137.5	126.4	116.6	107.4	99.0	91.5	84.9	78.4
140°	163.5	152.7	141.4	129.7	119.6	110.1	101.7	93.8	86.4	80.0	74.1
142.5°	151.1	141.5	132.1	121.8	111.9	103.4	95.4	88.0	81.1	74.7	68.9
145°	138.2	129.5	121.3	113.0	104.1	95.8	88.5	81.6	75.1	69.0	63.5
147.5°	124.5	116.9	109.7	102.7	95.4	87.7	80.7	74.4	68.5	62.8	57.4
150°	109.9	103.6	97.2	91.1	85.2	79.0	72.4	66.3	60.9	55.8	51.4
152.5°	94.3	89.4	84.0	78.6	73.5	68.5	63.3	57.9	54.4	51.4	48.6
155°	77.9	73.9	69.7	65.3	62.5	59.9	57.4	54.9	51.8	48.7	45.6
157.5°	66.4	64.4	62.4	60.2	57.8	55.3	52.9	50.6	48.3	46.0	43.3
160°	59.6	58.2	56.4	54.6	52.7	50.6	48.4	46.3	44.1	42.1	40.0
162.5°	52.6	51.4	50.2	48.7	47.1	45.4	43.7	41.9	40.0	38.0	36.1
165°	45.7	44.6	43.5	42.4	41.2	39.8	38.4	36.9	35.4	33.9	32.2
167.5°	38.8	37.8	36.8	35.9	34.9	33.9	32.8	31.7	30.4	29.1	27.8
170°	31.8	31.1	30.2	29.4	28.4	27.6	26.8	25.9	24.9	24.0	23.0
172.5°	24.8	24.2	23.6	23.0	22.3	21.6	20.9	20.1	19.3	18.5	17.8
175°	17.7	17.3	16.9	16.4	16.0	15.5	15.0	14.5	14.0	13.5	12.9
177.5°	10.1	9.9	9.7	9.5	9.3	9.1	8.9	8.6	8.4	8.1	7.8
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: P232060

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

**CANDELA DISTRIBUTION (continued):**

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
0°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
2.5°	7.5	7.3	7.0	6.6	6.3	6.0	5.7	5.4	5.0	4.7	4.4
5°	12.3	11.7	11.1	10.5	9.9	9.2	8.6	7.9	7.2	6.5	5.9
7.5°	17.0	16.2	15.3	14.5	13.6	12.7	11.8	10.9	9.9	9.0	8.0
10°	21.9	20.8	19.7	18.6	17.4	16.2	15.0	13.8	12.5	11.3	10.0
12.5°	26.5	25.1	23.7	22.2	20.8	19.3	17.8	16.3	14.8	13.3	11.7
15°	30.5	28.8	27.1	25.4	23.7	22.0	20.3	18.6	16.9	15.1	13.4
17.5°	34.2	32.3	30.5	28.5	26.6	24.7	22.6	20.6	18.6	16.6	14.6
20°	37.9	35.7	33.3	31.0	28.6	26.4	24.2	22.0	19.9	17.8	15.7
22.5°	40.6	37.9	35.3	33.0	30.7	28.4	26.1	23.8	21.4	19.2	16.9
25°	43.0	40.4	37.9	35.3	32.8	30.3	27.8	25.3	22.9	20.5	18.0
27.5°	45.8	43.0	40.2	37.4	34.8	32.2	29.7	27.1	24.5	22.0	19.4
30°	48.4	45.3	42.6	39.9	37.1	34.5	31.9	29.2	26.5	23.9	21.2
32.5°	52.4	48.1	45.3	42.6	39.9	37.2	34.4	31.7	28.9	26.1	23.3
35°	58.2	53.6	49.2	45.7	42.8	39.9	37.2	34.4	31.4	28.4	25.2
37.5°	63.8	58.8	54.1	49.7	46.0	43.2	40.2	37.0	33.6	30.2	26.7
40°	68.5	63.1	58.4	54.2	50.2	46.2	42.7	39.1	35.3	31.5	27.9
42.5°	72.2	67.0	62.2	57.5	53.1	48.8	44.6	40.8	37.1	33.3	29.5
45°	75.7	70.1	64.7	59.7	54.8	50.4	46.5	43.0	38.9	34.8	30.6
47.5°	78.5	72.3	66.5	61.0	56.2	51.8	47.7	43.8	40.3	36.0	31.6
50°	80.3	73.8	67.6	62.1	57.1	52.4	48.1	44.2	40.7	36.8	32.0
52.5°	81.8	74.8	68.4	62.6	57.4	52.5	48.0	43.9	40.0	36.5	32.7
55°	82.9	75.5	68.8	62.8	57.2	52.1	47.7	43.5	39.8	36.3	32.7
57.5°	85.2	76.0	68.9	62.5	56.7	51.9	47.5	43.3	39.2	35.3	31.7
60°	88.1	78.7	70.0	61.9	56.8	51.8	47.2	42.6	38.4	34.5	30.7
62.5°	91.0	81.1	71.8	64.1	57.3	51.6	46.6	42.1	38.0	33.8	29.7
65°	93.7	83.3	74.0	66.0	58.8	52.1	46.4	41.9	37.5	33.1	28.6
67.5°	96.4	85.5	75.9	67.7	60.0	53.1	47.4	41.9	37.2	32.5	27.9
70°	99.0	87.7	77.9	69.2	60.9	54.2	48.1	42.4	37.2	32.3	27.2
72.5°	101.7	89.9	79.9	70.5	62.3	55.3	48.9	42.6	36.9	31.5	26.3
75°	103.5	92.2	82.0	71.9	63.7	56.5	49.4	42.6	36.1	29.8	24.5
77.5°	102.8	92.3	82.6	73.2	65.2	57.7	49.8	42.4	34.7	27.7	22.0
80°	102.9	92.8	83.0	74.0	65.7	57.7	49.7	41.8	33.2	25.4	18.8
82.5°	103.7	93.9	84.0	75.2	66.1	57.4	49.0	40.4	31.7	23.1	15.3
85°	105.2	95.4	85.6	76.9	66.7	57.5	48.7	39.6	30.8	21.8	13.6
87.5°	107.2	97.4	87.7	79.1	67.7	58.2	49.0	39.6	30.8	21.4	13.0
90°	109.7	100.0	90.4	81.8	69.3	59.6	50.0	40.4	31.7	22.1	13.5
92.5°	107.2	97.4	87.7	79.1	67.7	58.2	49.0	39.6	30.8	21.4	13.0
95°	105.2	95.4	85.6	76.9	66.7	57.5	48.7	39.6	30.8	21.8	13.6
97.5°	103.7	93.9	84.0	75.2	66.1	57.4	49.0	40.4	31.7	23.1	15.3
100°	102.9	92.8	83.0	74.0	65.7	57.7	49.7	41.8	33.2	25.4	18.8
102.5°	102.8	92.3	82.6	73.2	65.2	57.7	49.8	42.4	34.7	27.7	22.0
105°	103.5	92.2	82.0	71.9	63.7	56.5	49.4	42.6	36.1	29.8	24.5
107.5°	101.7	89.9	79.9	70.5	62.3	55.3	48.9	42.6	36.9	31.5	26.3
110°	99.0	87.7	77.9	69.2	60.9	54.2	48.1	42.4	37.2	32.3	27.2





TEST NUMBER: P232060

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

**CANDELA DISTRIBUTION (continued):**

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
112.5°	96.4	85.5	75.9	67.7	60.0	53.1	47.4	41.9	37.2	32.5	27.9
115°	93.7	83.3	74.0	66.0	58.8	52.1	46.4	41.9	37.5	33.1	28.6
117.5°	91.0	81.1	71.8	64.1	57.3	51.6	46.6	42.1	38.0	33.8	29.7
120°	88.1	78.7	70.0	61.9	56.8	51.8	47.2	42.6	38.4	34.5	30.7
122.5°	85.2	76.0	68.9	62.5	56.7	51.9	47.5	43.3	39.2	35.3	31.7
125°	82.9	75.5	68.8	62.8	57.2	52.1	47.7	43.5	39.8	36.3	32.7
127.5°	81.8	74.8	68.4	62.6	57.4	52.5	48.0	43.9	40.0	36.5	32.7
130°	80.3	73.8	67.6	62.1	57.1	52.4	48.1	44.2	40.7	36.8	32.0
132.5°	78.5	72.3	66.5	61.0	56.2	51.8	47.7	43.8	40.3	36.0	31.6
135°	75.7	70.1	64.7	59.7	54.8	50.4	46.5	43.0	38.9	34.8	30.6
137.5°	72.2	67.0	62.2	57.5	53.1	48.8	44.6	40.8	37.1	33.3	29.5
140°	68.5	63.1	58.4	54.2	50.2	46.2	42.7	39.1	35.3	31.5	27.9
142.5°	63.8	58.8	54.1	49.7	46.0	43.2	40.2	37.0	33.6	30.2	26.7
145°	58.2	53.6	49.2	45.7	42.8	39.9	37.2	34.4	31.4	28.4	25.2
147.5°	52.4	48.1	45.3	42.6	39.9	37.2	34.4	31.7	28.9	26.1	23.3
150°	48.4	45.3	42.6	39.9	37.1	34.5	31.9	29.2	26.5	23.9	21.2
152.5°	45.8	43.0	40.2	37.4	34.8	32.2	29.7	27.1	24.5	22.0	19.4
155°	43.0	40.4	37.9	35.3	32.8	30.3	27.8	25.3	22.9	20.5	18.0
157.5°	40.6	37.9	35.3	33.0	30.7	28.4	26.1	23.8	21.4	19.2	16.9
160°	37.9	35.7	33.3	31.0	28.6	26.4	24.2	22.0	19.9	17.8	15.7
162.5°	34.2	32.3	30.5	28.5	26.6	24.7	22.6	20.6	18.6	16.6	14.6
165°	30.5	28.8	27.1	25.4	23.7	22.0	20.3	18.6	16.9	15.1	13.4
167.5°	26.5	25.1	23.7	22.2	20.8	19.3	17.8	16.3	14.8	13.3	11.7
170°	21.9	20.8	19.7	18.6	17.4	16.2	15.0	13.8	12.5	11.3	10.0
172.5°	17.0	16.2	15.3	14.5	13.6	12.7	11.8	10.9	9.9	9.0	8.0
175°	12.3	11.7	11.1	10.5	9.9	9.2	8.6	7.9	7.2	6.5	5.9
177.5°	7.5	7.3	7.0	6.6	6.3	6.0	5.7	5.4	5.0	4.7	4.4
180°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0



TEST NUMBER: P232060

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

**CANDELA DISTRIBUTION (continued):**

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
0°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
2.5°	4.0	3.7	3.3	3.0	2.6	2.3	1.9	2.3	2.6	3.0	3.3
5°	5.2	4.5	3.8	3.1	2.4	1.7	1.0	1.7	2.4	3.1	3.8
7.5°	7.0	6.0	5.0	4.0	3.0	2.0	1.0	2.0	3.0	4.0	5.0
10°	8.7	7.5	6.2	4.9	3.6	2.3	1.0	2.3	3.6	4.9	6.2
12.5°	10.2	8.7	7.2	5.6	4.1	2.5	1.0	2.5	4.1	5.6	7.2
15°	11.6	9.9	8.1	6.3	4.5	2.8	1.0	2.8	4.5	6.3	8.1
17.5°	12.6	10.7	8.7	6.8	4.8	2.9	1.0	2.9	4.8	6.8	8.7
20°	13.6	11.5	9.4	7.3	5.2	3.1	1.0	3.1	5.2	7.3	9.4
22.5°	14.6	12.3	10.0	7.8	5.5	3.3	1.0	3.3	5.5	7.8	10.0
25°	15.6	13.2	10.8	8.3	5.9	3.4	1.0	3.4	5.9	8.3	10.8
27.5°	16.9	14.3	11.6	9.0	6.3	3.7	1.0	3.7	6.3	9.0	11.6
30°	18.5	15.8	13.1	10.3	7.5	4.7	1.9	4.7	7.5	10.3	13.1
32.5°	20.3	17.4	14.3	11.3	8.2	5.0	1.9	5.0	8.2	11.3	14.3
35°	21.9	18.6	15.3	12.0	8.6	5.3	1.9	5.3	8.6	12.0	15.3
37.5°	23.1	19.6	16.0	12.5	9.0	5.4	1.9	5.4	9.0	12.5	16.0
40°	24.3	20.6	16.9	13.2	9.4	5.7	1.9	5.7	9.4	13.2	16.9
42.5°	25.5	21.6	17.6	13.7	9.7	5.8	1.9	5.8	9.7	13.7	17.6
45°	26.4	22.3	18.2	14.1	10.0	6.0	1.9	6.0	10.0	14.1	18.2
47.5°	27.2	22.8	18.5	14.3	10.1	6.0	1.9	6.0	10.1	14.3	18.5
50°	27.4	23.1	18.8	14.6	10.3	6.1	1.9	6.1	10.3	14.6	18.8
52.5°	28.2	23.5	19.0	14.6	10.3	6.1	1.9	6.1	10.3	14.6	19.0
55°	28.2	23.4	18.9	14.5	10.2	6.0	1.9	6.0	10.2	14.5	18.9
57.5°	28.0	23.2	18.8	14.6	10.6	6.7	2.9	6.7	10.6	14.6	18.8
60°	27.0	22.8	18.2	14.0	10.1	6.4	2.9	6.4	10.1	14.0	18.2
62.5°	25.5	21.2	17.1	13.2	9.6	6.2	2.9	6.2	9.6	13.2	17.1
65°	24.3	20.2	16.1	12.4	9.0	5.9	2.9	5.9	9.0	12.4	16.1
67.5°	23.4	19.0	15.0	11.4	8.3	5.5	2.9	5.5	8.3	11.4	15.0
70°	22.3	17.7	13.7	10.5	7.8	5.3	2.9	5.3	7.8	10.5	13.7
72.5°	21.1	16.8	13.1	9.4	6.7	4.7	2.9	4.7	6.7	9.4	13.1
75°	20.5	15.9	11.5	7.8	5.2	3.8	2.9	3.8	5.2	7.8	11.5
77.5°	17.8	14.4	9.7	5.3	1.8	0.4	0.0	0.4	1.8	5.3	9.7
80°	13.7	10.3	6.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.1
82.5°	9.6	5.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	6.9	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	5.9	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	5.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	5.9	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	6.9	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	9.6	5.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	13.7	10.3	6.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.1
102.5°	17.8	14.4	9.7	5.3	1.8	0.4	0.0	0.4	1.8	5.3	9.7
105°	20.5	15.9	11.5	7.8	5.2	3.8	2.9	3.8	5.2	7.8	11.5
107.5°	21.1	16.8	13.1	9.4	6.7	4.7	2.9	4.7	6.7	9.4	13.1
110°	22.3	17.7	13.7	10.5	7.8	5.3	2.9	5.3	7.8	10.5	13.7



TEST NUMBER: P232060

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

**CANDELA DISTRIBUTION (continued):**

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
112.5°	23.4	19.0	15.0	11.4	8.3	5.5	2.9	5.5	8.3	11.4	15.0
115°	24.3	20.2	16.1	12.4	9.0	5.9	2.9	5.9	9.0	12.4	16.1
117.5°	25.5	21.2	17.1	13.2	9.6	6.2	2.9	6.2	9.6	13.2	17.1
120°	27.0	22.8	18.2	14.0	10.1	6.4	2.9	6.4	10.1	14.0	18.2
122.5°	28.0	23.2	18.8	14.6	10.6	6.7	2.9	6.7	10.6	14.6	18.8
125°	28.2	23.4	18.9	14.5	10.2	6.0	1.9	6.0	10.2	14.5	18.9
127.5°	28.2	23.5	19.0	14.6	10.3	6.1	1.9	6.1	10.3	14.6	19.0
130°	27.4	23.1	18.8	14.6	10.3	6.1	1.9	6.1	10.3	14.6	18.8
132.5°	27.2	22.8	18.5	14.3	10.1	6.0	1.9	6.0	10.1	14.3	18.5
135°	26.4	22.3	18.2	14.1	10.0	6.0	1.9	6.0	10.0	14.1	18.2
137.5°	25.5	21.6	17.6	13.7	9.7	5.8	1.9	5.8	9.7	13.7	17.6
140°	24.3	20.6	16.9	13.2	9.4	5.7	1.9	5.7	9.4	13.2	16.9
142.5°	23.1	19.6	16.0	12.5	9.0	5.4	1.9	5.4	9.0	12.5	16.0
145°	21.9	18.6	15.3	12.0	8.6	5.3	1.9	5.3	8.6	12.0	15.3
147.5°	20.3	17.4	14.3	11.3	8.2	5.0	1.9	5.0	8.2	11.3	14.3
150°	18.5	15.8	13.1	10.3	7.5	4.7	1.9	4.7	7.5	10.3	13.1
152.5°	16.9	14.3	11.6	9.0	6.3	3.7	1.0	3.7	6.3	9.0	11.6
155°	15.6	13.2	10.8	8.3	5.9	3.4	1.0	3.4	5.9	8.3	10.8
157.5°	14.6	12.3	10.0	7.8	5.5	3.3	1.0	3.3	5.5	7.8	10.0
160°	13.6	11.5	9.4	7.3	5.2	3.1	1.0	3.1	5.2	7.3	9.4
162.5°	12.6	10.7	8.7	6.8	4.8	2.9	1.0	2.9	4.8	6.8	8.7
165°	11.6	9.9	8.1	6.3	4.5	2.8	1.0	2.8	4.5	6.3	8.1
167.5°	10.2	8.7	7.2	5.6	4.1	2.5	1.0	2.5	4.1	5.6	7.2
170°	8.7	7.5	6.2	4.9	3.6	2.3	1.0	2.3	3.6	4.9	6.2
172.5°	7.0	6.0	5.0	4.0	3.0	2.0	1.0	2.0	3.0	4.0	5.0
175°	5.2	4.5	3.8	3.1	2.4	1.7	1.0	1.7	2.4	3.1	3.8
177.5°	4.0	3.7	3.3	3.0	2.6	2.3	1.9	2.3	2.6	3.0	3.3
180°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0



TEST NUMBER: P232060

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

**CANDELA DISTRIBUTION (continued):**

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
0°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
2.5°	3.7	4.0	4.4	4.7	5.0	5.4	5.7	6.0	6.3	6.6	7.0
5°	4.5	5.2	5.9	6.5	7.2	7.9	8.6	9.2	9.9	10.5	11.1
7.5°	6.0	7.0	8.0	9.0	9.9	10.9	11.8	12.7	13.6	14.5	15.3
10°	7.5	8.7	10.0	11.3	12.5	13.8	15.0	16.2	17.4	18.6	19.7
12.5°	8.7	10.2	11.7	13.3	14.8	16.3	17.8	19.3	20.8	22.2	23.7
15°	9.9	11.6	13.4	15.1	16.9	18.6	20.3	22.0	23.7	25.4	27.1
17.5°	10.7	12.6	14.6	16.6	18.6	20.6	22.6	24.7	26.6	28.5	30.5
20°	11.5	13.6	15.7	17.8	19.9	22.0	24.2	26.4	28.6	31.0	33.3
22.5°	12.3	14.6	16.9	19.2	21.4	23.8	26.1	28.4	30.7	33.0	35.3
25°	13.2	15.6	18.0	20.5	22.9	25.3	27.8	30.3	32.8	35.3	37.9
27.5°	14.3	16.9	19.4	22.0	24.5	27.1	29.7	32.2	34.8	37.4	40.2
30°	15.8	18.5	21.2	23.9	26.5	29.2	31.9	34.5	37.1	39.9	42.6
32.5°	17.4	20.3	23.3	26.1	28.9	31.7	34.4	37.2	39.9	42.6	45.3
35°	18.6	21.9	25.2	28.4	31.4	34.4	37.2	39.9	42.8	45.7	49.2
37.5°	19.6	23.1	26.7	30.2	33.6	37.0	40.2	43.2	46.0	49.7	54.1
40°	20.6	24.3	27.9	31.5	35.3	39.1	42.7	46.2	50.2	54.2	58.4
42.5°	21.6	25.5	29.5	33.3	37.1	40.8	44.6	48.8	53.1	57.5	62.2
45°	22.3	26.4	30.6	34.8	38.9	43.0	46.5	50.4	54.8	59.7	64.7
47.5°	22.8	27.2	31.6	36.0	40.3	43.8	47.7	51.8	56.2	61.0	66.5
50°	23.1	27.4	32.0	36.8	40.7	44.2	48.1	52.4	57.1	62.1	67.6
52.5°	23.5	28.2	32.7	36.5	40.0	43.9	48.0	52.5	57.4	62.6	68.4
55°	23.4	28.2	32.7	36.3	39.8	43.5	47.7	52.1	57.2	62.8	68.8
57.5°	23.2	28.0	31.7	35.3	39.2	43.3	47.5	51.9	56.7	62.5	68.9
60°	22.8	27.0	30.7	34.5	38.4	42.6	47.2	51.8	56.8	61.9	70.0
62.5°	21.2	25.5	29.7	33.8	38.0	42.1	46.6	51.6	57.3	64.1	71.8
65°	20.2	24.3	28.6	33.1	37.5	41.9	46.4	52.1	58.8	66.0	74.0
67.5°	19.0	23.4	27.9	32.5	37.2	41.9	47.4	53.1	60.0	67.7	75.9
70°	17.7	22.3	27.2	32.3	37.2	42.4	48.1	54.2	60.9	69.2	77.9
72.5°	16.8	21.1	26.3	31.5	36.9	42.6	48.9	55.3	62.3	70.5	79.9
75°	15.9	20.5	24.5	29.8	36.1	42.6	49.4	56.5	63.7	71.9	82.0
77.5°	14.4	17.8	22.0	27.7	34.7	42.4	49.8	57.7	65.2	73.2	82.6
80°	10.3	13.7	18.8	25.4	33.2	41.8	49.7	57.7	65.7	74.0	83.0
82.5°	5.5	9.6	15.3	23.1	31.7	40.4	49.0	57.4	66.1	75.2	84.0
85°	1.8	6.9	13.6	21.8	30.8	39.6	48.7	57.5	66.7	76.9	85.6
87.5°	0.5	5.9	13.0	21.4	30.8	39.6	49.0	58.2	67.7	79.1	87.7
90°	0.0	5.8	13.5	22.1	31.7	40.4	50.0	59.6	69.3	81.8	90.4
92.5°	0.5	5.9	13.0	21.4	30.8	39.6	49.0	58.2	67.7	79.1	87.7
95°	1.8	6.9	13.6	21.8	30.8	39.6	48.7	57.5	66.7	76.9	85.6
97.5°	5.5	9.6	15.3	23.1	31.7	40.4	49.0	57.4	66.1	75.2	84.0
100°	10.3	13.7	18.8	25.4	33.2	41.8	49.7	57.7	65.7	74.0	83.0
102.5°	14.4	17.8	22.0	27.7	34.7	42.4	49.8	57.7	65.2	73.2	82.6
105°	15.9	20.5	24.5	29.8	36.1	42.6	49.4	56.5	63.7	71.9	82.0
107.5°	16.8	21.1	26.3	31.5	36.9	42.6	48.9	55.3	62.3	70.5	79.9
110°	17.7	22.3	27.2	32.3	37.2	42.4	48.1	54.2	60.9	69.2	77.9



TEST NUMBER: P232060

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

**CANDELA DISTRIBUTION (continued):**

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
112.5°	19.0	23.4	27.9	32.5	37.2	41.9	47.4	53.1	60.0	67.7	75.9
115°	20.2	24.3	28.6	33.1	37.5	41.9	46.4	52.1	58.8	66.0	74.0
117.5°	21.2	25.5	29.7	33.8	38.0	42.1	46.6	51.6	57.3	64.1	71.8
120°	22.8	27.0	30.7	34.5	38.4	42.6	47.2	51.8	56.8	61.9	70.0
122.5°	23.2	28.0	31.7	35.3	39.2	43.3	47.5	51.9	56.7	62.5	68.9
125°	23.4	28.2	32.7	36.3	39.8	43.5	47.7	52.1	57.2	62.8	68.8
127.5°	23.5	28.2	32.7	36.5	40.0	43.9	48.0	52.5	57.4	62.6	68.4
130°	23.1	27.4	32.0	36.8	40.7	44.2	48.1	52.4	57.1	62.1	67.6
132.5°	22.8	27.2	31.6	36.0	40.3	43.8	47.7	51.8	56.2	61.0	66.5
135°	22.3	26.4	30.6	34.8	38.9	43.0	46.5	50.4	54.8	59.7	64.7
137.5°	21.6	25.5	29.5	33.3	37.1	40.8	44.6	48.8	53.1	57.5	62.2
140°	20.6	24.3	27.9	31.5	35.3	39.1	42.7	46.2	50.2	54.2	58.4
142.5°	19.6	23.1	26.7	30.2	33.6	37.0	40.2	43.2	46.0	49.7	54.1
145°	18.6	21.9	25.2	28.4	31.4	34.4	37.2	39.9	42.8	45.7	49.2
147.5°	17.4	20.3	23.3	26.1	28.9	31.7	34.4	37.2	39.9	42.6	45.3
150°	15.8	18.5	21.2	23.9	26.5	29.2	31.9	34.5	37.1	39.9	42.6
152.5°	14.3	16.9	19.4	22.0	24.5	27.1	29.7	32.2	34.8	37.4	40.2
155°	13.2	15.6	18.0	20.5	22.9	25.3	27.8	30.3	32.8	35.3	37.9
157.5°	12.3	14.6	16.9	19.2	21.4	23.8	26.1	28.4	30.7	33.0	35.3
160°	11.5	13.6	15.7	17.8	19.9	22.0	24.2	26.4	28.6	31.0	33.3
162.5°	10.7	12.6	14.6	16.6	18.6	20.6	22.6	24.7	26.6	28.5	30.5
165°	9.9	11.6	13.4	15.1	16.9	18.6	20.3	22.0	23.7	25.4	27.1
167.5°	8.7	10.2	11.7	13.3	14.8	16.3	17.8	19.3	20.8	22.2	23.7
170°	7.5	8.7	10.0	11.3	12.5	13.8	15.0	16.2	17.4	18.6	19.7
172.5°	6.0	7.0	8.0	9.0	9.9	10.9	11.8	12.7	13.6	14.5	15.3
175°	4.5	5.2	5.9	6.5	7.2	7.9	8.6	9.2	9.9	10.5	11.1
177.5°	3.7	4.0	4.4	4.7	5.0	5.4	5.7	6.0	6.3	6.6	7.0
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: P232060

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

**CANDELA DISTRIBUTION (continued):**

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
0°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
2.5°	7.3	7.5	7.8	8.1	8.4	8.6	8.9	9.1	9.3	9.5	9.7
5°	11.7	12.3	12.9	13.5	14.0	14.5	15.0	15.5	16.0	16.4	16.9
7.5°	16.2	17.0	17.8	18.5	19.3	20.1	20.9	21.6	22.3	23.0	23.6
10°	20.8	21.9	23.0	24.0	24.9	25.9	26.8	27.6	28.4	29.4	30.2
12.5°	25.1	26.5	27.8	29.1	30.4	31.7	32.8	33.9	34.9	35.9	36.8
15°	28.8	30.5	32.2	33.9	35.4	36.9	38.4	39.8	41.2	42.4	43.5
17.5°	32.3	34.2	36.1	38.0	40.0	41.9	43.7	45.4	47.1	48.7	50.2
20°	35.7	37.9	40.0	42.1	44.1	46.3	48.4	50.6	52.7	54.6	56.4
22.5°	37.9	40.6	43.3	46.0	48.3	50.6	52.9	55.3	57.8	60.2	62.4
25°	40.4	43.0	45.6	48.7	51.8	54.9	57.4	59.9	62.5	65.3	69.7
27.5°	43.0	45.8	48.6	51.4	54.4	57.9	63.3	68.5	73.5	78.6	84.0
30°	45.3	48.4	51.4	55.8	60.9	66.3	72.4	79.0	85.2	91.1	97.2
32.5°	48.1	52.4	57.4	62.8	68.5	74.4	80.7	87.7	95.4	102.7	109.7
35°	53.6	58.2	63.5	69.0	75.1	81.6	88.5	95.8	104.1	113.0	121.3
37.5°	58.8	63.8	68.9	74.7	81.1	88.0	95.4	103.4	111.9	121.8	132.1
40°	63.1	68.5	74.1	80.0	86.4	93.8	101.7	110.1	119.6	129.7	141.4
42.5°	67.0	72.2	78.4	84.9	91.5	99.0	107.4	116.6	126.4	137.5	149.8
45°	70.1	75.7	81.7	88.8	96.3	103.9	112.7	122.4	133.0	144.7	157.6
47.5°	72.3	78.5	85.0	91.9	100.3	108.8	117.4	127.9	139.3	151.3	165.4
50°	73.8	80.3	87.5	95.0	103.4	113.0	122.4	132.8	144.2	156.0	169.0
52.5°	74.8	81.8	89.3	97.6	106.3	116.9	127.4	136.8	147.9	159.8	172.5
55°	75.5	82.9	91.0	101.2	111.9	122.6	132.9	142.2	152.2	163.9	176.6
57.5°	76.0	85.2	95.0	105.5	117.2	128.8	139.3	148.4	157.0	168.5	181.3
60°	78.7	88.1	98.5	109.7	122.0	134.8	146.7	155.4	163.4	173.8	186.2
62.5°	81.1	91.0	101.8	113.6	126.4	140.7	153.7	163.1	170.6	179.4	191.3
65°	83.3	93.7	104.9	117.3	130.8	145.8	160.4	171.6	178.3	185.5	196.9
67.5°	85.5	96.4	108.2	121.0	135.1	150.8	167.2	180.8	186.6	192.5	203.1
70°	87.7	99.0	111.4	124.8	139.4	155.7	173.9	189.3	195.5	200.1	208.2
72.5°	89.9	101.7	114.6	128.6	143.6	159.2	175.7	189.6	196.4	200.7	208.3
75°	92.2	103.5	115.4	128.3	142.7	158.6	174.2	187.5	196.0	201.1	208.6
77.5°	92.3	102.8	114.2	127.1	142.0	158.5	173.8	186.2	195.4	201.4	209.2
80°	92.8	102.9	113.7	126.3	141.6	158.8	174.5	185.4	194.7	201.6	210.0
82.5°	93.9	103.7	113.8	125.9	141.5	159.7	176.0	185.1	194.0	201.8	211.1
85°	95.4	105.2	114.5	126.0	141.8	161.0	178.1	185.3	193.3	202.0	212.3
87.5°	97.4	107.2	115.7	126.6	142.7	163.0	180.8	185.8	192.8	202.4	213.8
90°	100.0	109.7	117.4	127.9	144.3	165.5	183.7	186.6	192.4	203.0	215.5
92.5°	97.4	107.2	115.7	126.6	142.7	163.0	180.8	185.8	192.8	202.4	213.8
95°	95.4	105.2	114.5	126.0	141.8	161.0	178.1	185.3	193.3	202.0	212.3
97.5°	93.9	103.7	113.8	125.9	141.5	159.7	176.0	185.1	194.0	201.8	211.1
100°	92.8	102.9	113.7	126.3	141.6	158.8	174.5	185.4	194.7	201.6	210.0
102.5°	92.3	102.8	114.2	127.1	142.0	158.5	173.8	186.2	195.4	201.4	209.2
105°	92.2	103.5	115.4	128.3	142.7	158.6	174.2	187.5	196.0	201.1	208.6
107.5°	89.9	101.7	114.6	128.6	143.6	159.2	175.7	189.6	196.4	200.7	208.3
110°	87.7	99.0	111.4	124.8	139.4	155.7	173.9	189.3	195.5	200.1	208.2



TEST NUMBER: P232060

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

**CANDELA DISTRIBUTION (continued):**

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
112.5°	85.5	96.4	108.2	121.0	135.1	150.8	167.2	180.8	186.6	192.5	203.1
115°	83.3	93.7	104.9	117.3	130.8	145.8	160.4	171.6	178.3	185.5	196.9
117.5°	81.1	91.0	101.8	113.6	126.4	140.7	153.7	163.1	170.6	179.4	191.3
120°	78.7	88.1	98.5	109.7	122.0	134.8	146.7	155.4	163.4	173.8	186.2
122.5°	76.0	85.2	95.0	105.5	117.2	128.8	139.3	148.4	157.0	168.5	181.3
125°	75.5	82.9	91.0	101.2	111.9	122.6	132.9	142.2	152.2	163.9	176.6
127.5°	74.8	81.8	89.3	97.6	106.3	116.9	127.4	136.8	147.9	159.8	172.5
130°	73.8	80.3	87.5	95.0	103.4	113.0	122.4	132.8	144.2	156.0	169.0
132.5°	72.3	78.5	85.0	91.9	100.3	108.8	117.4	127.9	139.3	151.3	165.4
135°	70.1	75.7	81.7	88.8	96.3	103.9	112.7	122.4	133.0	144.7	157.6
137.5°	67.0	72.2	78.4	84.9	91.5	99.0	107.4	116.6	126.4	137.5	149.8
140°	63.1	68.5	74.1	80.0	86.4	93.8	101.7	110.1	119.6	129.7	141.4
142.5°	58.8	63.8	68.9	74.7	81.1	88.0	95.4	103.4	111.9	121.8	132.1
145°	53.6	58.2	63.5	69.0	75.1	81.6	88.5	95.8	104.1	113.0	121.3
147.5°	48.1	52.4	57.4	62.8	68.5	74.4	80.7	87.7	95.4	102.7	109.7
150°	45.3	48.4	51.4	55.8	60.9	66.3	72.4	79.0	85.2	91.1	97.2
152.5°	43.0	45.8	48.6	51.4	54.4	57.9	63.3	68.5	73.5	78.6	84.0
155°	40.4	43.0	45.6	48.7	51.8	54.9	57.4	59.9	62.5	65.3	69.7
157.5°	37.9	40.6	43.3	46.0	48.3	50.6	52.9	55.3	57.8	60.2	62.4
160°	35.7	37.9	40.0	42.1	44.1	46.3	48.4	50.6	52.7	54.6	56.4
162.5°	32.3	34.2	36.1	38.0	40.0	41.9	43.7	45.4	47.1	48.7	50.2
165°	28.8	30.5	32.2	33.9	35.4	36.9	38.4	39.8	41.2	42.4	43.5
167.5°	25.1	26.5	27.8	29.1	30.4	31.7	32.8	33.9	34.9	35.9	36.8
170°	20.8	21.9	23.0	24.0	24.9	25.9	26.8	27.6	28.4	29.4	30.2
172.5°	16.2	17.0	17.8	18.5	19.3	20.1	20.9	21.6	22.3	23.0	23.6
175°	11.7	12.3	12.9	13.5	14.0	14.5	15.0	15.5	16.0	16.4	16.9
177.5°	7.3	7.5	7.8	8.1	8.4	8.6	8.9	9.1	9.3	9.5	9.7
180°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0



TEST NUMBER: P232060

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

**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
0°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
2.5°	9.9	10.1	10.2	10.4	10.5	10.6	10.7	10.8	10.8	10.9	12.0
5°	17.3	17.7	18.0	18.4	18.7	19.0	19.3	19.5	19.7	19.9	22.1
7.5°	24.2	24.8	25.4	26.0	26.6	27.1	27.6	28.1	28.5	28.8	32.1
10°	31.1	31.8	32.6	33.3	34.1	34.9	35.7	36.5	37.2	37.8	42.1
12.5°	37.8	38.8	39.7	40.6	41.4	42.5	43.7	44.8	45.8	46.8	52.1
15°	44.6	45.7	46.8	47.9	48.9	49.9	51.4	52.9	54.4	55.8	62.1
17.5°	51.4	52.6	53.8	55.0	56.3	57.5	58.9	60.9	62.9	64.7	72.1
20°	58.2	59.6	60.9	62.2	63.6	65.0	66.4	68.8	71.3	73.7	82.0
22.5°	64.4	66.4	67.9	69.4	70.9	72.5	74.0	76.6	79.7	82.7	91.9
25°	73.9	77.9	81.7	85.1	88.4	91.8	94.9	98.6	103.3	107.6	117.9
27.5°	89.4	94.3	98.9	103.5	107.9	112.2	116.5	120.8	126.9	132.5	144.0
30°	103.6	109.9	115.5	121.0	126.7	132.2	137.6	142.8	150.3	157.4	170.2
32.5°	116.9	124.5	131.5	138.0	144.7	151.7	158.4	164.9	173.6	182.3	196.4
35°	129.5	138.2	146.8	154.4	162.2	170.6	178.8	186.7	196.8	207.3	222.6
37.5°	141.5	151.1	161.2	170.4	179.4	189.1	198.9	208.3	219.8	232.2	248.9
40°	152.7	163.5	174.9	186.0	195.9	207.0	218.7	229.7	242.7	257.1	275.1
42.5°	163.2	175.4	188.0	201.5	212.3	224.6	238.6	251.0	265.5	282.0	301.4
45°	172.4	186.7	200.7	215.2	228.4	241.7	257.3	272.0	288.3	306.9	327.7
47.5°	180.4	195.0	208.1	221.7	234.7	247.6	264.3	280.8	298.9	319.7	342.6
50°	182.8	197.2	210.3	223.5	237.1	251.2	269.8	288.8	309.2	332.5	357.5
52.5°	186.2	200.0	213.0	225.7	239.2	254.9	275.0	296.6	319.5	345.4	372.4
55°	190.3	203.6	216.2	228.4	241.6	258.4	280.0	304.2	329.8	358.2	387.4
57.5°	194.9	208.1	220.0	231.5	244.4	261.8	284.8	311.6	340.0	371.0	402.3
60°	199.8	213.3	224.8	235.2	247.5	265.1	289.5	318.9	350.1	383.8	417.3
62.5°	205.2	218.9	229.2	239.4	250.8	268.2	294.1	326.1	360.3	396.7	432.3
65°	210.9	224.6	234.6	243.8	254.5	271.4	298.6	333.1	370.4	409.5	447.2
67.5°	216.8	230.6	240.6	248.7	258.4	274.5	303.0	340.1	380.5	422.3	462.2
70°	220.0	232.3	241.2	247.8	257.0	272.3	300.0	337.1	378.6	421.4	465.7
72.5°	218.9	230.1	238.6	244.6	254.3	269.7	296.7	333.9	376.7	420.6	469.2
75°	218.5	228.3	236.2	241.4	251.6	267.3	293.6	330.9	374.8	419.7	474.6
77.5°	218.6	226.9	234.1	238.3	248.9	265.1	290.7	327.9	373.1	418.9	477.5
80°	219.1	225.9	232.1	235.3	246.2	263.2	288.1	325.1	371.4	418.0	480.5
82.5°	220.0	225.2	230.2	232.3	243.6	261.6	285.7	322.4	369.8	417.2	483.5
85°	221.2	224.7	228.5	229.5	241.1	260.1	283.6	320.0	368.3	416.3	486.5
87.5°	222.6	224.4	226.8	226.7	238.8	258.9	281.6	317.6	366.8	415.5	489.5
90°	224.1	224.1	225.1	224.1	236.6	257.8	279.9	315.5	365.5	414.6	492.5
92.5°	222.6	224.4	226.8	226.7	238.8	258.9	281.6	317.6	366.8	415.5	489.5
95°	221.2	224.7	228.5	229.5	241.1	260.1	283.6	320.0	368.3	416.3	486.5
97.5°	220.0	225.2	230.2	232.3	243.6	261.6	285.7	322.4	369.8	417.2	483.5
100°	219.1	225.9	232.1	235.3	246.2	263.2	288.1	325.1	371.4	418.0	480.5
102.5°	218.6	226.9	234.1	238.3	248.9	265.1	290.7	327.9	373.1	418.9	477.5
105°	218.5	228.3	236.2	241.4	251.6	267.3	293.6	330.9	374.8	419.7	474.6
107.5°	218.9	230.1	238.6	244.6	254.3	269.7	296.7	333.9	376.7	420.6	469.2
110°	220.0	232.3	241.2	247.8	257.0	272.3	300.0	337.1	378.6	421.4	465.7





TEST NUMBER: P232060

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

**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
112.5°	216.8	230.6	240.6	248.7	258.4	274.5	303.0	340.1	380.5	422.3	462.2
115°	210.9	224.6	234.6	243.8	254.5	271.4	298.6	333.1	370.4	409.5	447.2
117.5°	205.2	218.9	229.2	239.4	250.8	268.2	294.1	326.1	360.3	396.7	432.3
120°	199.8	213.3	224.8	235.2	247.5	265.1	289.5	318.9	350.1	383.8	417.3
122.5°	194.9	208.1	220.0	231.5	244.4	261.8	284.8	311.6	340.0	371.0	402.3
125°	190.3	203.6	216.2	228.4	241.6	258.4	280.0	304.2	329.8	358.2	387.4
127.5°	186.2	200.0	213.0	225.7	239.2	254.9	275.0	296.6	319.5	345.4	372.4
130°	182.8	197.2	210.3	223.5	237.1	251.2	269.8	288.8	309.2	332.5	357.5
132.5°	180.4	195.0	208.1	221.7	234.7	247.6	264.3	280.8	298.9	319.7	342.6
135°	172.4	186.7	200.7	215.2	228.4	241.7	257.3	272.0	288.3	306.9	327.7
137.5°	163.2	175.4	188.0	201.5	212.3	224.6	238.6	251.0	265.5	282.0	301.4
140°	152.7	163.5	174.9	186.0	195.9	207.0	218.7	229.7	242.7	257.1	275.1
142.5°	141.5	151.1	161.2	170.4	179.4	189.1	198.9	208.3	219.8	232.2	248.9
145°	129.5	138.2	146.8	154.4	162.2	170.6	178.8	186.7	196.8	207.3	222.6
147.5°	116.9	124.5	131.5	138.0	144.7	151.7	158.4	164.9	173.6	182.3	196.4
150°	103.6	109.9	115.5	121.0	126.7	132.2	137.6	142.8	150.3	157.4	170.2
152.5°	89.4	94.3	98.9	103.5	107.9	112.2	116.5	120.8	126.9	132.5	144.0
155°	73.9	77.9	81.7	85.1	88.4	91.8	94.9	98.6	103.3	107.6	117.9
157.5°	64.4	66.4	67.9	69.4	70.9	72.5	74.0	76.6	79.7	82.7	91.9
160°	58.2	59.6	60.9	62.2	63.6	65.0	66.4	68.8	71.3	73.7	82.0
162.5°	51.4	52.6	53.8	55.0	56.3	57.5	58.9	60.9	62.9	64.7	72.1
165°	44.6	45.7	46.8	47.9	48.9	49.9	51.4	52.9	54.4	55.8	62.1
167.5°	37.8	38.8	39.7	40.6	41.4	42.5	43.7	44.8	45.8	46.8	52.1
170°	31.1	31.8	32.6	33.3	34.1	34.9	35.7	36.5	37.2	37.8	42.1
172.5°	24.2	24.8	25.4	26.0	26.6	27.1	27.6	28.1	28.5	28.8	32.1
175°	17.3	17.7	18.0	18.4	18.7	19.0	19.3	19.5	19.7	19.9	22.1
177.5°	9.9	10.1	10.2	10.4	10.5	10.6	10.7	10.8	10.8	10.9	12.0
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: P232060

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

**CANDELA DISTRIBUTION (continued):**

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
0°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
2.5°	13.1	14.2	15.2	16.2	17.2	18.2	19.2	20.1	20.9	21.8	22.6
5°	24.2	26.4	28.5	30.5	32.5	34.4	36.3	38.1	39.8	41.5	43.1
7.5°	35.3	38.5	41.6	44.6	47.6	50.5	53.4	56.8	60.1	63.3	66.3
10°	46.4	50.6	54.7	58.7	62.7	67.6	72.2	76.8	81.2	85.4	89.7
12.5°	57.4	62.6	67.6	73.0	79.2	85.1	91.0	96.6	102.0	106.9	111.7
15°	68.4	74.5	80.7	88.2	95.5	102.6	109.6	116.2	122.5	128.6	135.2
17.5°	79.3	86.3	94.5	103.2	111.7	120.0	128.1	135.9	143.5	150.1	156.1
20°	90.1	98.2	108.2	118.1	127.8	137.5	146.9	156.0	163.8	171.2	178.3
22.5°	100.9	110.7	121.9	132.9	144.1	155.2	166.0	175.3	184.3	192.4	198.7
25°	127.6	138.5	149.7	160.5	171.2	181.6	190.6	199.0	206.3	211.6	218.4
27.5°	155.0	167.2	179.3	190.8	201.9	212.0	221.0	229.1	234.9	240.3	241.3
30°	182.5	195.8	208.8	220.4	232.5	241.2	250.2	256.8	262.7	264.6	264.8
32.5°	210.1	224.2	237.4	249.3	260.1	269.4	277.3	283.7	287.3	288.1	288.5
35°	237.6	252.4	265.7	277.6	287.5	297.1	303.4	309.3	310.7	311.6	312.3
37.5°	265.0	280.4	293.4	305.1	314.0	322.2	329.0	332.4	334.4	335.2	336.4
40°	292.2	308.2	320.6	331.3	339.8	347.1	353.3	355.6	357.4	358.7	361.5
42.5°	319.3	335.7	347.3	356.8	364.7	371.6	376.2	378.7	380.7	382.9	385.7
45°	346.3	362.4	373.5	381.8	388.9	395.5	399.1	401.7	403.9	406.5	410.4
47.5°	364.2	383.4	398.6	409.5	419.0	426.2	428.3	427.3	427.1	429.7	434.6
50°	381.9	404.6	424.4	439.7	455.3	467.8	475.7	480.1	481.0	478.0	472.6
52.5°	399.8	426.6	451.1	471.4	494.1	512.4	526.3	536.7	543.5	542.1	538.4
55°	418.1	449.3	478.9	505.1	535.3	559.7	580.1	597.0	608.6	606.8	601.6
57.5°	436.5	472.8	507.5	540.8	578.3	609.5	636.7	660.6	672.8	670.6	662.6
60°	455.1	496.8	537.1	578.0	622.7	661.5	695.9	727.3	737.4	732.0	721.7
62.5°	473.8	521.3	567.3	616.4	668.7	715.1	757.3	796.8	802.4	791.6	777.4
65°	492.6	546.3	598.1	656.0	716.1	770.4	820.8	863.2	867.5	849.5	829.6
67.5°	511.5	571.5	629.3	696.4	764.5	827.0	886.0	927.4	927.6	905.4	878.8
70°	516.0	577.2	636.3	708.0	781.5	853.0	924.1	971.3	976.9	956.6	928.1
72.5°	519.9	581.0	639.3	711.8	785.4	859.6	934.8	983.3	996.6	983.0	960.6
75°	523.5	584.4	641.6	714.6	788.3	865.7	944.9	997.5	1020.5	1010.8	992.2
77.5°	526.9	587.2	643.4	716.5	790.3	871.2	954.3	1013.4	1047.7	1040.1	1024.5
80°	531.6	589.7	644.6	717.6	791.4	875.9	963.0	1030.3	1077.3	1070.5	1057.4
82.5°	533.8	593.2	647.1	717.8	791.6	879.8	970.6	1047.7	1108.6	1101.9	1090.9
85°	536.1	594.0	646.2	718.6	792.7	885.2	980.1	1068.2	1140.5	1134.0	1124.9
87.5°	538.3	594.7	645.4	716.2	789.8	885.1	983.0	1082.4	1173.0	1166.6	1159.1
90°	540.6	595.5	644.5	713.8	786.9	885.0	986.0	1096.6	1202.5	1199.6	1193.8
92.5°	538.3	594.7	645.4	716.2	789.8	885.1	983.0	1082.4	1173.0	1166.6	1159.1
95°	536.1	594.0	646.2	718.6	792.7	885.2	980.1	1068.2	1140.5	1134.0	1124.9
97.5°	533.8	593.2	647.1	717.8	791.6	879.8	970.6	1047.7	1108.6	1101.9	1090.9
100°	531.6	589.7	644.6	717.6	791.4	875.9	963.0	1030.3	1077.3	1070.5	1057.4
102.5°	526.9	587.2	643.4	716.5	790.3	871.2	954.3	1013.4	1047.7	1040.1	1024.5
105°	523.5	584.4	641.6	714.6	788.3	865.7	944.9	997.5	1020.5	1010.8	992.2
107.5°	519.9	581.0	639.3	711.8	785.4	859.6	934.8	983.3	996.6	983.0	960.6
110°	516.0	577.2	636.3	708.0	781.5	853.0	924.1	971.3	976.9	956.6	928.1



TEST NUMBER: P232060

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

**CANDELA DISTRIBUTION (continued):**

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
112.5°	511.5	571.5	629.3	696.4	764.5	827.0	886.0	927.4	927.6	905.4	878.8
115°	492.6	546.3	598.1	656.0	716.1	770.4	820.8	863.2	867.5	849.5	829.6
117.5°	473.8	521.3	567.3	616.4	668.7	715.1	757.3	796.8	802.4	791.6	777.4
120°	455.1	496.8	537.1	578.0	622.7	661.5	695.9	727.3	737.4	732.0	721.7
122.5°	436.5	472.8	507.5	540.8	578.3	609.5	636.7	660.6	672.8	670.6	662.6
125°	418.1	449.3	478.9	505.1	535.3	559.7	580.1	597.0	608.6	606.8	601.6
127.5°	399.8	426.6	451.1	471.4	494.1	512.4	526.3	536.7	543.5	542.1	538.4
130°	381.9	404.6	424.4	439.7	455.3	467.8	475.7	480.1	481.0	478.0	472.6
132.5°	364.2	383.4	398.6	409.5	419.0	426.2	428.3	427.3	427.1	429.7	434.6
135°	346.3	362.4	373.5	381.8	388.9	395.5	399.1	401.7	403.9	406.5	410.4
137.5°	319.3	335.7	347.3	356.8	364.7	371.6	376.2	378.7	380.7	382.9	385.7
140°	292.2	308.2	320.6	331.3	339.8	347.1	353.3	355.6	357.4	358.7	361.5
142.5°	265.0	280.4	293.4	305.1	314.0	322.2	329.0	332.4	334.4	335.2	336.4
145°	237.6	252.4	265.7	277.6	287.5	297.1	303.4	309.3	310.7	311.6	312.3
147.5°	210.1	224.2	237.4	249.3	260.1	269.4	277.3	283.7	287.3	288.1	288.5
150°	182.5	195.8	208.8	220.4	232.5	241.2	250.2	256.8	262.7	264.6	264.8
152.5°	155.0	167.2	179.3	190.8	201.9	212.0	221.0	229.1	234.9	240.3	241.3
155°	127.6	138.5	149.7	160.5	171.2	181.6	190.6	199.0	206.3	211.6	218.4
157.5°	100.9	110.7	121.9	132.9	144.1	155.2	166.0	175.3	184.3	192.4	198.7
160°	90.1	98.2	108.2	118.1	127.8	137.5	146.9	156.0	163.8	171.2	178.3
162.5°	79.3	86.3	94.5	103.2	111.7	120.0	128.1	135.9	143.5	150.1	156.1
165°	68.4	74.5	80.7	88.2	95.5	102.6	109.6	116.2	122.5	128.6	135.2
167.5°	57.4	62.6	67.6	73.0	79.2	85.1	91.0	96.6	102.0	106.9	111.7
170°	46.4	50.6	54.7	58.7	62.7	67.6	72.2	76.8	81.2	85.4	89.7
172.5°	35.3	38.5	41.6	44.6	47.6	50.5	53.4	56.8	60.1	63.3	66.3
175°	24.2	26.4	28.5	30.5	32.5	34.4	36.3	38.1	39.8	41.5	43.1
177.5°	13.1	14.2	15.2	16.2	17.2	18.2	19.2	20.1	20.9	21.8	22.6
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: P232060

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

**CANDELA DISTRIBUTION (continued):**

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
0°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
2.5°	23.3	24.1	24.7	25.4	26.0	26.5	27.0	27.5	27.9	28.2	28.6
5°	45.0	46.9	48.7	50.3	51.9	53.4	54.7	56.0	57.1	58.1	59.0
7.5°	69.3	72.0	74.7	77.2	79.5	81.4	83.1	84.7	86.1	87.4	88.4
10°	93.0	96.4	99.6	102.6	105.3	107.9	110.2	112.1	113.6	114.8	115.8
12.5°	116.2	120.5	124.5	127.6	130.5	133.2	135.5	137.6	139.4	140.9	142.2
15°	139.3	143.8	147.9	151.8	155.3	158.2	160.8	163.1	165.2	167.0	168.8
17.5°	161.8	167.9	171.4	175.3	179.0	182.4	185.6	188.8	192.0	195.2	198.3
20°	183.9	188.9	193.7	197.9	201.4	205.0	208.7	212.5	216.6	220.8	225.0
22.5°	204.6	209.7	212.9	216.3	220.1	224.1	228.5	233.2	238.5	245.1	251.6
25°	222.2	224.9	228.3	231.5	235.5	240.0	246.9	254.3	261.9	270.1	279.1
27.5°	240.9	240.3	239.8	243.3	249.9	257.6	266.5	275.6	285.9	296.2	307.5
30°	264.7	264.3	264.1	266.5	268.6	274.4	285.4	296.7	310.0	323.4	337.7
32.5°	288.6	289.5	292.2	295.2	300.1	304.8	311.0	319.0	334.6	353.0	371.3
35°	313.5	316.5	320.3	325.7	331.7	339.4	346.7	358.1	368.4	388.4	416.5
37.5°	339.5	343.4	349.2	356.3	365.0	375.7	389.1	404.3	426.2	449.1	473.6
40°	364.9	370.9	378.3	388.0	401.1	416.4	438.4	463.4	491.9	522.6	553.0
42.5°	391.1	398.0	408.5	422.7	440.0	466.2	494.4	529.0	566.3	600.5	636.2
45°	416.2	426.7	440.5	459.8	487.8	519.0	557.4	596.3	638.5	681.4	728.1
47.5°	443.0	454.5	475.7	503.3	537.3	577.8	620.3	666.8	716.2	767.7	820.8
50°	471.8	487.9	512.9	549.6	590.7	635.1	685.7	739.3	797.9	853.6	912.6
52.5°	536.7	544.5	566.2	596.9	644.2	695.4	751.6	813.4	873.2	937.2	1004.9
55°	600.9	609.2	632.9	663.1	705.3	755.5	815.7	880.7	947.4	1017.3	1096.3
57.5°	660.1	670.9	692.7	724.4	770.0	824.1	883.2	946.6	1016.3	1095.6	1183.3
60°	716.3	726.3	748.0	783.8	831.1	886.5	947.3	1012.8	1085.7	1166.8	1268.5
62.5°	771.4	778.8	798.4	836.5	887.2	943.3	1004.9	1073.2	1153.8	1246.3	1349.6
65°	821.6	826.9	848.4	887.0	937.6	992.7	1055.9	1132.6	1220.1	1318.5	1430.3
67.5°	867.4	870.1	893.2	933.7	982.5	1037.6	1103.5	1185.2	1278.0	1384.2	1518.3
70°	911.3	910.0	933.0	975.4	1021.2	1076.7	1149.0	1234.0	1329.5	1442.5	1596.3
72.5°	947.7	948.7	971.2	1012.1	1054.7	1112.4	1188.3	1273.8	1371.6	1498.6	1652.4
75°	980.7	981.6	1001.8	1035.5	1077.0	1137.2	1218.8	1305.9	1402.8	1538.5	1706.0
77.5°	1012.9	1011.5	1027.8	1053.8	1092.1	1153.5	1235.7	1329.4	1438.6	1578.9	1750.5
80°	1044.6	1038.9	1050.0	1067.6	1102.7	1164.0	1249.1	1349.2	1467.7	1618.5	1794.5
82.5°	1076.0	1064.4	1069.2	1078.1	1109.6	1169.5	1258.7	1365.0	1488.4	1645.4	1831.6
85°	1107.3	1088.8	1086.3	1086.0	1113.4	1170.5	1264.2	1376.2	1500.8	1660.0	1859.6
87.5°	1138.5	1112.4	1102.1	1092.3	1115.3	1168.9	1267.8	1385.2	1508.9	1668.1	1883.7
90°	1170.7	1137.1	1117.8	1098.6	1114.9	1162.1	1262.1	1382.4	1502.6	1655.6	1879.7
92.5°	1138.5	1112.4	1102.0	1092.3	1115.3	1168.9	1267.8	1385.2	1508.9	1668.1	1883.7
95°	1107.3	1088.8	1086.3	1086.0	1113.4	1170.5	1264.2	1376.2	1500.8	1660.0	1859.6
97.5°	1076.0	1064.4	1069.2	1078.1	1109.6	1169.5	1258.7	1365.0	1488.4	1645.4	1831.6
100°	1044.6	1038.9	1050.0	1067.6	1102.7	1164.0	1249.1	1349.2	1467.7	1618.5	1794.5
102.5°	1012.9	1011.5	1027.8	1053.8	1092.1	1153.5	1235.7	1329.4	1438.6	1578.9	1750.5
105°	980.7	981.6	1001.8	1035.5	1077.0	1137.2	1218.8	1305.9	1402.8	1538.5	1706.0
107.5°	947.7	948.7	971.2	1012.1	1054.7	1112.4	1188.3	1273.8	1371.6	1498.6	1652.4
110°	911.3	910.0	933.0	975.4	1021.2	1076.7	1149.0	1234.0	1329.5	1442.5	1596.3



TEST NUMBER: P232060

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

**CANDELA DISTRIBUTION (continued):**

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
112.5°	867.4	870.1	893.2	933.7	982.5	1037.6	1103.5	1185.2	1278.0	1384.2	1518.3
115°	821.6	826.9	848.4	887.0	937.6	992.7	1055.9	1132.6	1220.1	1318.5	1430.3
117.5°	771.4	778.8	798.4	836.5	887.2	943.3	1004.9	1073.2	1153.8	1246.3	1349.6
120°	716.3	726.3	748.0	783.8	831.1	886.5	947.3	1012.8	1085.7	1166.8	1268.5
122.5°	660.1	670.9	692.7	724.4	770.0	824.1	883.2	946.6	1016.3	1095.6	1183.3
125°	600.9	609.2	632.9	663.1	705.3	755.5	815.7	880.7	947.4	1017.3	1096.3
127.5°	536.7	544.5	566.2	596.9	644.2	695.4	751.6	813.4	873.2	937.2	1004.9
130°	471.8	487.9	512.9	549.6	590.7	635.1	685.7	739.3	797.9	853.6	912.6
132.5°	443.0	454.5	475.7	503.3	537.3	577.8	620.3	666.8	716.2	767.7	820.8
135°	416.2	426.7	440.5	459.8	487.8	519.0	557.4	596.3	638.5	681.4	728.1
137.5°	391.1	398.0	408.5	422.7	440.0	466.2	494.4	529.0	566.3	600.5	636.2
140°	364.9	370.9	378.3	388.0	401.1	416.4	438.4	463.4	491.9	522.6	553.0
142.5°	339.5	343.4	349.2	356.3	365.0	375.7	389.1	404.3	426.2	449.1	473.6
145°	313.5	316.5	320.3	325.7	331.7	339.4	346.7	358.1	368.4	388.4	416.5
147.5°	288.6	289.5	292.2	295.2	300.1	304.8	311.0	319.0	334.6	353.0	371.3
150°	264.7	264.3	264.1	266.5	268.6	274.4	285.4	296.7	310.0	323.4	337.7
152.5°	240.9	240.3	239.8	243.3	249.9	257.6	266.5	275.6	285.9	296.2	307.5
155°	222.2	224.9	228.3	231.5	235.5	240.0	246.9	254.3	261.9	270.1	279.1
157.5°	204.6	209.7	212.9	216.3	220.1	224.1	228.5	233.2	238.5	245.1	251.6
160°	183.9	188.9	193.7	197.9	201.4	205.0	208.7	212.5	216.6	220.8	225.0
162.5°	161.8	167.9	171.4	175.3	179.0	182.4	185.6	188.8	192.0	195.2	198.3
165°	139.3	143.8	147.9	151.8	155.3	158.2	160.8	163.1	165.2	167.0	168.8
167.5°	116.2	120.5	124.5	127.6	130.5	133.2	135.5	137.6	139.4	140.9	142.2
170°	93.0	96.4	99.6	102.6	105.3	107.9	110.2	112.1	113.6	114.8	115.8
172.5°	69.3	72.0	74.7	77.2	79.5	81.4	83.1	84.7	86.1	87.4	88.4
175°	45.0	46.9	48.7	50.3	51.9	53.4	54.7	56.0	57.1	58.1	59.0
177.5°	23.3	24.1	24.7	25.4	26.0	26.5	27.0	27.5	27.9	28.2	28.6
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: P232060

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**CANDELA DISTRIBUTION (continued):**

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
0°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
2.5°	28.8	29.0	29.2	29.3	29.3	29.3	30.2	29.8	29.4	29.0	28.7
5°	59.8	60.5	61.0	61.4	61.7	61.9	61.9	61.9	62.6	61.9	61.1
7.5°	89.3	90.0	90.6	91.0	91.2	91.2	91.0	90.7	90.2	90.3	89.0
10°	116.7	117.2	117.6	117.8	117.7	117.4	116.9	116.2	115.3	115.0	113.2
12.5°	143.2	143.9	144.5	144.7	144.7	144.5	144.0	143.2	142.2	140.9	139.9
15°	171.0	173.1	174.9	176.6	178.1	179.2	180.1	180.7	181.0	180.9	181.3
17.5°	201.4	204.5	207.4	210.2	212.8	215.2	217.3	219.0	220.4	221.3	223.0
20°	229.2	233.7	238.6	243.3	247.6	251.7	255.3	258.5	261.3	263.5	266.5
22.5°	258.1	264.4	271.2	277.9	284.3	290.3	295.8	300.8	305.1	308.9	313.6
25°	288.1	296.8	305.4	314.7	323.4	331.7	339.4	346.5	352.8	358.4	363.0
27.5°	319.3	330.8	342.1	354.0	366.2	377.7	388.4	398.3	407.1	414.9	421.5
30°	352.7	368.6	383.9	398.8	415.7	431.0	444.7	456.8	467.4	476.3	483.7
32.5°	391.2	414.2	435.7	455.5	475.5	494.5	511.2	525.4	537.3	546.9	554.3
35°	443.0	472.0	499.9	525.0	547.7	568.4	586.0	600.7	612.4	621.4	627.7
37.5°	509.0	542.0	573.6	601.6	626.1	650.7	671.8	688.9	702.1	711.4	717.1
40°	583.9	619.4	657.4	692.6	723.0	750.2	774.2	793.6	808.4	818.6	824.4
42.5°	675.8	715.2	756.7	796.9	831.9	863.0	894.6	920.8	941.5	956.4	965.7
45°	774.0	820.9	865.4	914.3	959.5	1004.7	1037.2	1068.6	1092.6	1109.3	1118.8
47.5°	873.5	930.0	987.4	1047.1	1103.4	1151.7	1199.4	1244.5	1281.5	1309.7	1328.7
50°	976.5	1042.4	1115.1	1187.4	1269.0	1335.1	1394.3	1448.4	1496.2	1536.3	1567.3
52.5°	1079.6	1158.4	1248.9	1342.8	1434.9	1517.1	1586.8	1654.0	1714.5	1767.0	1809.6
55°	1181.1	1280.5	1382.5	1485.4	1588.2	1689.6	1776.0	1847.3	1911.7	1970.1	2020.4
57.5°	1285.4	1394.3	1505.8	1628.1	1751.4	1840.4	1927.4	2004.7	2074.4	2138.2	2194.4
60°	1380.9	1501.3	1639.7	1763.5	1871.4	1966.7	2052.9	2135.0	2208.8	2275.0	2332.8
62.5°	1470.2	1622.0	1755.6	1876.0	1975.9	2072.2	2161.2	2248.1	2320.9	2389.7	2452.3
65°	1578.9	1722.2	1851.8	1959.4	2061.4	2159.7	2251.8	2336.0	2416.4	2489.6	2551.7
67.5°	1669.0	1810.6	1921.2	2026.2	2131.1	2235.6	2332.2	2423.9	2507.0	2574.2	2631.1
70°	1744.6	1878.5	1989.7	2086.7	2196.2	2301.7	2403.3	2497.5	2581.1	2655.8	2713.6
72.5°	1808.3	1943.4	2049.8	2154.3	2254.3	2357.0	2468.3	2566.7	2663.0	2735.4	2784.2
75°	1865.0	1992.4	2100.8	2204.7	2306.0	2417.9	2522.9	2622.2	2709.0	2793.7	2853.2
77.5°	1914.2	2035.5	2137.8	2240.5	2350.3	2463.5	2567.5	2655.2	2756.9	2846.7	2908.5
80°	1949.8	2063.4	2161.1	2265.8	2378.7	2501.9	2599.1	2697.9	2798.6	2888.0	2937.2
82.5°	1979.7	2087.4	2184.6	2287.8	2400.1	2515.9	2621.9	2725.9	2834.8	2917.5	2961.6
85°	2000.8	2102.4	2197.6	2304.9	2419.7	2531.3	2633.7	2738.3	2846.0	2933.4	2987.8
87.5°	2017.6	2108.7	2200.1	2311.1	2423.1	2533.9	2638.2	2748.6	2855.6	2942.3	2985.0
90°	2014.4	2106.7	2193.3	2305.8	2411.7	2521.3	2627.1	2737.8	2848.4	2929.2	2977.3
92.5°	2017.6	2108.7	2200.1	2311.1	2423.1	2533.9	2638.2	2748.6	2855.6	2942.3	2985.0
95°	2000.8	2102.4	2197.6	2304.9	2419.7	2531.3	2633.7	2738.3	2846.0	2933.4	2987.8
97.5°	1979.7	2087.4	2184.6	2287.8	2400.1	2515.9	2621.9	2725.9	2834.8	2917.5	2961.6
100°	1949.8	2063.4	2161.1	2265.8	2378.7	2501.9	2599.1	2697.9	2798.6	2888.0	2937.2
102.5°	1914.2	2035.5	2137.8	2240.5	2350.3	2463.5	2567.5	2655.2	2756.9	2846.7	2908.5
105°	1865.0	1992.4	2100.8	2204.7	2306.0	2417.9	2522.9	2622.2	2709.0	2793.7	2853.2
107.5°	1808.3	1943.4	2049.8	2154.3	2254.3	2357.0	2468.3	2566.7	2663.0	2735.4	2784.2
110°	1744.6	1878.5	1989.7	2086.7	2196.2	2301.7	2403.3	2497.5	2581.1	2655.8	2713.6



TEST NUMBER: P232060

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

**CANDELA DISTRIBUTION (continued):**

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
112.5°	1669.0	1810.6	1921.2	2026.2	2131.1	2235.6	2332.2	2423.9	2507.0	2574.2	2631.1
115°	1578.9	1722.2	1851.8	1959.4	2061.4	2159.7	2251.8	2336.0	2416.4	2489.6	2551.7
117.5°	1470.2	1622.0	1755.6	1876.0	1975.9	2072.2	2161.2	2248.1	2320.9	2389.7	2452.3
120°	1380.9	1501.3	1639.7	1763.5	1871.4	1966.7	2052.9	2135.0	2208.8	2275.0	2332.8
122.5°	1285.4	1394.3	1505.8	1628.1	1751.4	1840.4	1927.4	2004.7	2074.4	2138.2	2194.4
125°	1181.1	1280.5	1382.5	1485.4	1588.2	1689.6	1776.0	1847.3	1911.7	1970.1	2020.4
127.5°	1079.6	1158.4	1248.9	1342.8	1434.9	1517.1	1586.8	1654.0	1714.5	1767.0	1809.6
130°	976.5	1042.4	1115.1	1187.4	1269.0	1335.1	1394.3	1448.4	1496.2	1536.3	1567.3
132.5°	873.5	930.0	987.4	1047.1	1103.4	1151.7	1199.4	1244.5	1281.5	1309.7	1328.7
135°	774.0	820.9	865.4	914.3	959.5	1004.7	1037.2	1068.6	1092.6	1109.3	1118.8
137.5°	675.8	715.2	756.7	796.9	831.9	863.0	894.6	920.8	941.5	956.4	965.7
140°	583.9	619.4	657.4	692.6	723.0	750.2	774.2	793.6	808.4	818.6	824.4
142.5°	509.0	542.0	573.6	601.6	626.1	650.7	671.8	688.9	702.1	711.4	717.1
145°	443.0	472.0	499.9	525.0	547.7	568.4	586.0	600.7	612.4	621.4	627.7
147.5°	391.2	414.2	435.7	455.5	475.5	494.5	511.2	525.4	537.3	546.9	554.3
150°	352.7	368.6	383.9	398.8	415.7	431.0	444.7	456.8	467.4	476.3	483.7
152.5°	319.3	330.8	342.1	354.0	366.2	377.7	388.4	398.3	407.1	414.9	421.5
155°	288.1	296.8	305.4	314.7	323.4	331.7	339.4	346.5	352.8	358.4	363.0
157.5°	258.1	264.4	271.2	277.9	284.3	290.3	295.8	300.8	305.1	308.9	313.6
160°	229.2	233.7	238.6	243.3	247.6	251.7	255.3	258.5	261.3	263.5	266.5
162.5°	201.4	204.5	207.4	210.2	212.8	215.2	217.3	219.0	220.4	221.3	223.0
165°	171.0	173.1	174.9	176.6	178.1	179.2	180.1	180.7	181.0	180.9	181.3
167.5°	143.2	143.9	144.5	144.7	144.7	144.5	144.0	143.2	142.2	140.9	139.9
170°	116.7	117.2	117.6	117.8	117.7	117.4	116.9	116.2	115.3	115.0	113.2
172.5°	89.3	90.0	90.6	91.0	91.2	91.2	91.0	90.7	90.2	90.3	89.0
175°	59.8	60.5	61.0	61.4	61.7	61.9	61.9	61.9	62.6	61.9	61.1
177.5°	28.8	29.0	29.2	29.3	29.3	29.3	30.2	29.8	29.4	29.0	28.7
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: P232060

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

**CANDELA DISTRIBUTION (continued):**

	357.5°	360°
0°	1.9	1.9
2.5°	28.3	27.9
5°	60.4	59.6
7.5°	87.8	86.6
10°	111.5	109.7
12.5°	137.8	135.6
15°	179.7	178.0
17.5°	222.1	221.3
20°	266.5	266.5
22.5°	314.5	315.5
25°	367.3	369.4
27.5°	427.6	431.0
30°	490.2	493.5
32.5°	560.6	562.8
35°	632.6	633.0
37.5°	720.9	718.6
40°	827.9	823.4
42.5°	972.0	966.8
45°	1124.6	1116.9
47.5°	1343.2	1337.1
50°	1594.1	1595.9
52.5°	1847.9	1858.5
55°	2067.4	2088.4
57.5°	2247.5	2277.0
60°	2386.5	2419.4
62.5°	2507.0	2552.1
65°	2603.0	2644.5
67.5°	2678.3	2716.6
70°	2757.2	2788.8
72.5°	2820.7	2846.5
75°	2882.1	2896.5
77.5°	2929.8	2940.8
80°	2960.4	2972.5
82.5°	2982.1	2999.4
85°	2995.3	3015.8
87.5°	3009.8	3026.4
90°	2993.7	3018.7
92.5°	3009.8	3026.4
95°	2995.3	3015.8
97.5°	2982.1	2999.4
100°	2960.4	2972.5
102.5°	2929.8	2940.8
105°	2882.1	2896.5
107.5°	2820.7	2846.5
110°	2757.2	2788.8





TEST NUMBER: P232060

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

**CANDELA DISTRIBUTION (continued):**

	357.5°	360°
112.5°	2678.3	2716.6
115°	2603.0	2644.5
117.5°	2507.0	2552.1
120°	2386.5	2419.4
122.5°	2247.5	2277.0
125°	2067.4	2088.4
127.5°	1847.9	1858.5
130°	1594.1	1595.9
132.5°	1343.2	1337.1
135°	1124.6	1116.9
137.5°	972.0	966.8
140°	827.9	823.4
142.5°	720.9	718.6
145°	632.6	633.0
147.5°	560.6	562.8
150°	490.2	493.5
152.5°	427.6	431.0
155°	367.3	369.4
157.5°	314.5	315.5
160°	266.5	266.5
162.5°	222.1	221.3
165°	179.7	178.0
167.5°	137.8	135.6
170°	111.5	109.7
172.5°	87.8	86.6
175°	60.4	59.6
177.5°	28.3	27.9
180°	1.0	1.0

(END OF REPORT)