

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: P231989

Luminaire Tested: **FVS4WM-4-LD4-35-2HI-P125-UNV-EDC1**

Issue Date: 3/3/2020



**Test Information**

Test Method: LM-79-08  
Report Number: P231989  
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-LD4-35-2HI-P125-UNV-EDC1  
Description: FAILSAFE FVS LED FIXTURE  
4FT LENGTH, 2-MODULE LED WITH P125 LENS  
Light Source: (168) 3500K CCT, 80 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

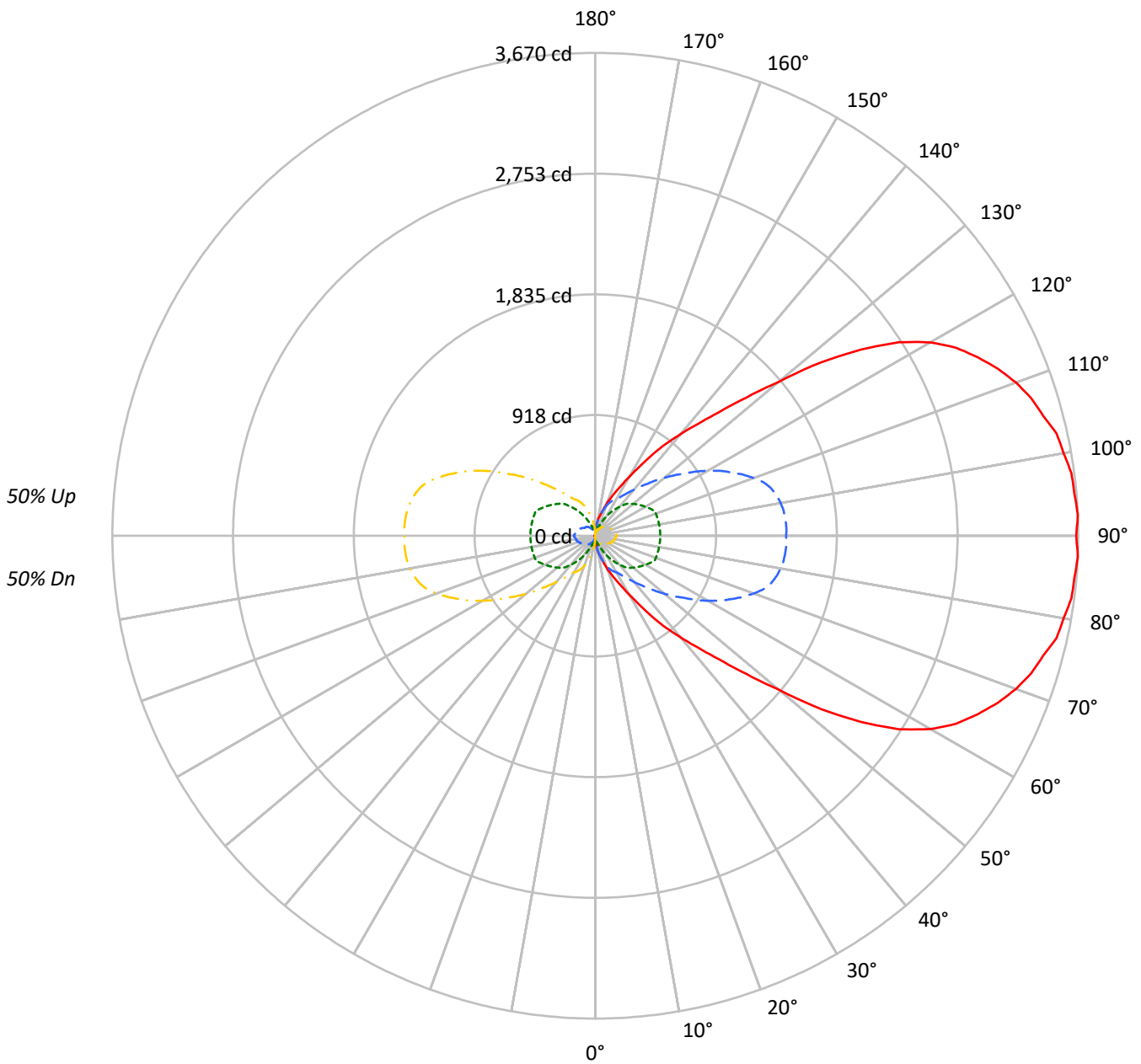
Lumens per Lamp: N/A  
Luminaire Lumens: 8490.2 lumens  
Efficiency: N/A  
Efficacy: 95.1 lumens/watt  
Spacing Criteria (0/90/45): 21.51 / 13.79 / 14.66  
Luminous Opening: Rectangular w/ Sides (W: 3.79' x L: 0.19' x H: 0.31')  
CIE Type: General Diffuse

Input Watts (W): 89.3  
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°	44	44	44	44
5°	1001	330	38	330
10°	1549	618	24	618
15°	1976	917	31	917
20°	2704	1231	29	1231
25°	3455	1876	27	1876
30°	4620	2895	26	2895
35°	6355	4026	25	4026
40°	8313	5309	24	5309
45°	10627	6807	31	6807
50°	14368	8071	31	8071
55°	19270	9650	30	9650
60°	22899	11680	30	11680
65°	25124	14403	31	14403
70°	26993	17675	31	17675
75°	28548	21957	40	21957
80°	30145	29228	0	29228
85°	31667	44099	0	44099



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	4.4	0.1
10°-20°	28.4	0.3
20°-30°	78.4	0.9
30°-40°	173.3	2.0
40°-50°	335.6	4.0
50°-60°	590.1	7.0
60°-70°	857.1	10.1
70°-80°	1043.5	12.3
80°-90°	1134.2	13.4
90°-100°	1134.2	13.4
100°-110°	1043.5	12.3
110°-120°	857.1	10.1
120°-130°	590.1	7.0
130°-140°	335.6	4.0
140°-150°	173.3	2.0
150°-160°	78.4	0.9
160°-170°	28.4	0.3
170°-180°	4.4	0.1
0°-30°	111.2	1.3
0°-40°	284.5	3.4
0°-60°	1210.2	14.3
0°-90°	4245.1	50.0
90°-120°	3034.8	35.7
90°-150°	4133.9	48.7
90°-180°	4245.0	50.0
0°-180°	8490.2	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	3	3	3	3	3	
5°	76	22	3	22	76	9
15°	182	60	3	60	182	56
25°	368	117	3	117	368	178
35°	745	230	3	230	745	478
45°	1324	344	4	344	1324	1062
55°	2468	409	4	409	2468	2197
65°	3208	473	4	473	3208	3175
75°	3524	491	5	491	3524	3728
85°	3655	493	0	493	3655	2981
90°	3654	494	0	494	3654	2007
95°	3655	493	0	493	3655	2981
105°	3524	491	5	491	3524	3728
115°	3208	473	4	473	3208	3175
125°	2468	409	4	409	2468	2197
135°	1324	344	4	344	1324	1062
145°	745	230	3	230	745	478
155°	368	117	3	117	368	178
165°	182	60	3	60	182	56
175°	76	22	3	22	76	9
180°	2	2	2	2	2	



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**CANDELA DISTRIBUTION (FULL):**

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
0°	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
2.5°	37.3	37.7	38.1	38.4	38.8	39.2	39.6	38.3	38.2	38.0	37.8
5°	75.5	76.2	76.9	77.6	78.3	77.2	77.0	76.8	76.4	75.9	75.2
7.5°	102.0	103.2	104.3	105.5	105.4	105.9	106.2	106.3	106.2	106.0	105.5
10°	130.4	132.1	133.9	135.6	135.6	136.3	136.7	136.9	136.8	136.5	135.9
12.5°	152.9	155.5	158.1	159.6	161.3	162.8	163.9	164.8	165.3	165.5	165.4
15°	182.4	185.6	188.8	190.3	192.3	193.8	195.0	195.8	196.2	196.2	195.8
17.5°	220.6	223.6	226.6	227.3	228.6	229.5	230.0	230.1	229.9	229.4	228.5
20°	269.6	271.5	273.4	272.1	271.7	270.9	269.6	267.9	265.9	263.7	261.4
22.5°	316.7	317.4	318.1	315.4	313.6	311.3	308.5	305.4	301.9	298.2	294.3
25°	367.6	367.2	364.9	362.2	358.7	354.5	349.5	344.1	338.1	331.6	324.8
27.5°	433.3	431.8	427.5	422.5	416.3	409.0	400.6	391.2	380.9	369.9	359.8
30°	518.6	515.1	507.5	499.1	489.0	477.5	464.6	450.5	435.5	419.5	405.7
32.5°	617.6	612.8	602.7	591.3	577.5	561.4	543.2	522.8	500.6	478.8	459.3
35°	745.1	738.9	725.1	709.6	690.5	668.2	642.6	614.1	582.7	554.4	525.8
37.5°	880.4	873.5	857.5	839.5	817.1	790.6	760.1	725.6	688.1	650.4	610.2
40°	1008.8	1004.8	990.9	974.0	951.5	923.1	888.7	848.0	804.2	758.8	709.9
42.5°	1151.0	1151.2	1139.3	1123.7	1100.9	1070.8	1032.9	987.2	938.1	882.8	820.6
45°	1323.5	1327.2	1315.3	1298.8	1273.7	1239.8	1196.9	1152.4	1090.8	1026.8	957.2
47.5°	1553.9	1558.5	1541.2	1518.3	1484.5	1440.1	1385.3	1325.2	1261.6	1188.4	1113.5
50°	1821.6	1825.2	1801.4	1771.2	1728.3	1673.2	1606.6	1534.5	1454.4	1359.0	1271.7
52.5°	2167.6	2159.4	2114.8	2064.6	2001.8	1928.5	1847.0	1762.1	1656.2	1541.6	1432.4
55°	2467.6	2445.5	2389.7	2329.7	2259.5	2181.6	2095.0	1986.7	1856.5	1724.9	1593.5
57.5°	2737.3	2699.9	2629.7	2556.5	2474.5	2386.8	2291.7	2177.5	2058.9	1903.3	1752.8
60°	2939.2	2894.6	2821.2	2743.3	2654.9	2557.9	2452.0	2338.4	2211.2	2067.7	1910.7
62.5°	3093.1	3036.4	2968.0	2889.2	2801.3	2706.9	2594.6	2478.0	2349.2	2211.8	2051.0
65°	3207.8	3156.8	3093.0	3015.1	2922.1	2818.9	2712.5	2597.3	2466.9	2328.2	2176.2
67.5°	3312.7	3263.8	3202.7	3128.7	3041.4	2933.7	2813.9	2690.4	2563.1	2423.9	2278.0
70°	3402.0	3364.6	3311.6	3239.0	3139.1	3027.3	2909.2	2776.0	2638.5	2507.4	2375.2
72.5°	3473.5	3446.3	3404.7	3345.4	3241.4	3110.0	2981.1	2848.8	2716.7	2587.0	2455.6
75°	3523.5	3509.7	3480.9	3410.3	3294.2	3173.3	3040.9	2916.5	2790.9	2655.1	2518.9
77.5°	3589.2	3570.0	3541.1	3461.9	3344.3	3203.7	3097.8	2976.1	2845.9	2710.2	2569.0
80°	3613.7	3598.6	3569.3	3510.7	3394.1	3263.6	3141.5	3024.7	2886.9	2749.0	2606.1
82.5°	3648.0	3628.7	3590.8	3534.4	3441.7	3301.1	3174.1	3047.1	2913.8	2780.0	2641.4
85°	3654.9	3638.6	3605.4	3552.9	3453.2	3317.6	3191.5	3073.5	2934.3	2801.4	2664.0
87.5°	3669.6	3629.8	3611.3	3571.6	3470.8	3335.7	3201.9	3088.0	2938.0	2807.6	2673.2
90°	3653.9	3626.5	3600.0	3575.5	3468.6	3326.5	3194.1	3084.3	2925.5	2799.0	2668.6
92.5°	3669.6	3629.8	3611.3	3571.6	3470.8	3335.7	3201.9	3088.0	2938.0	2807.6	2673.2
95°	3654.9	3638.6	3605.4	3552.9	3453.2	3317.6	3191.5	3073.5	2934.3	2801.4	2664.0
97.5°	3648.0	3628.7	3590.8	3534.4	3441.7	3301.1	3174.1	3047.1	2913.8	2780.0	2641.4
100°	3613.7	3598.6	3569.3	3510.7	3394.1	3263.6	3141.5	3024.7	2886.9	2749.0	2606.1
102.5°	3589.2	3570.0	3541.1	3461.9	3344.3	3203.7	3097.8	2976.1	2845.9	2710.2	2569.0
105°	3523.5	3509.7	3480.9	3410.3	3294.2	3173.3	3040.9	2916.5	2790.9	2655.1	2518.9
107.5°	3473.5	3446.3	3404.7	3345.4	3241.4	3110.0	2981.1	2848.8	2716.7	2587.0	2455.6
110°	3402.0	3364.6	3311.6	3239.0	3139.1	3027.3	2909.2	2776.0	2638.5	2507.4	2375.2



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**CANDELA DISTRIBUTION (continued):**

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
112.5°	3312.7	3263.8	3202.7	3128.7	3041.4	2933.7	2813.9	2690.4	2563.1	2423.9	2278.0
115°	3207.8	3156.8	3093.0	3015.1	2922.1	2818.9	2712.5	2597.3	2466.9	2328.2	2176.2
117.5°	3093.1	3036.4	2968.0	2889.2	2801.3	2706.9	2594.6	2478.0	2349.2	2211.8	2051.0
120°	2939.2	2894.6	2821.2	2743.3	2654.9	2557.9	2452.0	2338.4	2211.2	2067.7	1910.7
122.5°	2737.3	2699.9	2629.7	2556.5	2474.5	2386.8	2291.7	2177.5	2058.9	1903.3	1752.8
125°	2467.6	2445.5	2389.7	2329.7	2259.5	2181.6	2095.0	1986.7	1856.5	1724.9	1593.5
127.5°	2167.6	2159.4	2114.8	2064.6	2001.8	1928.5	1847.0	1762.1	1656.2	1541.6	1432.4
130°	1821.6	1825.2	1801.4	1771.2	1728.3	1673.2	1606.6	1534.5	1454.4	1359.0	1271.7
132.5°	1553.9	1558.5	1541.2	1518.3	1484.5	1440.1	1385.3	1325.2	1261.6	1188.4	1113.5
135°	1323.5	1327.2	1315.3	1298.8	1273.7	1239.8	1196.9	1152.4	1090.8	1026.8	957.2
137.5°	1151.0	1151.2	1139.3	1123.7	1100.9	1070.8	1032.9	987.2	938.1	882.8	820.6
140°	1008.8	1004.8	990.9	974.0	951.5	923.1	888.7	848.0	804.2	758.8	709.9
142.5°	880.4	873.5	857.5	839.5	817.1	790.6	760.1	725.6	688.1	650.4	610.2
145°	745.1	738.9	725.1	709.6	690.5	668.2	642.6	614.1	582.7	554.4	525.8
147.5°	617.6	612.8	602.7	591.3	577.5	561.4	543.2	522.8	500.6	478.8	459.3
150°	518.6	515.1	507.5	499.1	489.0	477.5	464.6	450.5	435.5	419.5	405.7
152.5°	433.3	431.8	427.5	422.5	416.3	409.0	400.6	391.2	380.9	369.9	359.8
155°	367.6	367.2	364.9	362.2	358.7	354.5	349.5	344.1	338.1	331.6	324.8
157.5°	316.7	317.4	318.1	315.4	313.6	311.3	308.5	305.4	301.9	298.2	294.3
160°	269.6	271.5	273.4	272.1	271.7	270.9	269.6	267.9	265.9	263.7	261.4
162.5°	220.6	223.6	226.6	227.3	228.6	229.5	230.0	230.1	229.9	229.4	228.5
165°	182.4	185.6	188.8	190.3	192.3	193.8	195.0	195.8	196.2	196.2	195.8
167.5°	152.9	155.5	158.1	159.6	161.3	162.8	163.9	164.8	165.3	165.5	165.4
170°	130.4	132.1	133.9	135.6	135.6	136.3	136.7	136.9	136.8	136.5	135.9
172.5°	102.0	103.2	104.3	105.5	105.4	105.9	106.2	106.3	106.2	106.0	105.5
175°	75.5	76.2	76.9	77.6	78.3	77.2	77.0	76.8	76.4	75.9	75.2
177.5°	37.3	37.7	38.1	38.4	38.8	39.2	39.6	38.3	38.2	38.0	37.8
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°	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
2.5°	37.5	37.1	36.7	36.2	35.6	35.0	34.3	33.5	32.7	31.9	31.0
5°	74.4	73.4	72.3	71.1	69.8	68.3	66.7	65.0	63.1	61.2	59.1
7.5°	104.9	104.2	103.2	102.1	100.8	99.3	97.6	95.8	93.8	91.1	88.0
10°	135.1	134.0	132.6	130.9	129.0	126.9	124.6	122.2	119.5	116.6	113.5
12.5°	164.9	164.1	163.0	161.5	159.5	156.8	153.8	150.5	146.8	142.8	138.6
15°	195.1	193.9	192.4	190.7	188.6	186.0	183.0	179.5	175.6	170.8	165.6
17.5°	227.4	226.1	224.3	222.1	219.4	216.3	212.7	208.7	204.1	198.9	193.2
20°	258.9	256.6	254.4	252.1	249.5	246.8	243.1	238.6	233.5	228.0	221.5
22.5°	290.3	286.6	282.9	279.4	276.0	272.8	269.5	266.2	263.0	256.5	249.8
25°	319.3	314.0	308.7	303.6	299.2	295.3	292.0	288.9	285.2	281.6	278.8
27.5°	351.2	342.4	333.5	325.7	319.8	314.4	310.2	306.4	303.8	301.4	297.8
30°	391.4	376.5	362.4	351.4	341.2	331.2	325.5	320.6	320.4	323.2	325.8
32.5°	439.3	419.0	400.8	383.3	365.6	352.9	348.1	345.4	346.7	347.8	350.4
35°	495.6	466.3	443.3	420.4	403.9	393.6	382.3	378.3	373.9	373.6	374.7
37.5°	567.5	530.7	494.7	472.9	457.1	441.5	428.0	414.8	406.3	401.1	399.6
40°	659.3	613.1	577.3	547.6	519.6	495.3	476.5	458.4	443.4	432.2	426.4
42.5°	764.7	720.7	676.4	635.4	596.4	561.4	529.0	506.8	484.9	468.1	456.2
45°	896.7	834.2	781.0	729.8	681.7	634.1	595.2	557.7	531.9	507.5	489.1
47.5°	1037.8	961.9	892.5	826.2	770.5	716.6	664.6	621.0	580.9	551.5	526.5
50°	1183.3	1096.8	1009.2	931.7	860.6	798.1	740.5	684.8	639.0	598.3	565.1
52.5°	1326.0	1229.4	1133.7	1038.5	953.5	878.9	814.1	754.3	698.9	649.5	624.6
55°	1471.0	1354.8	1250.8	1149.6	1048.3	960.4	883.3	822.8	774.4	734.0	705.9
57.5°	1611.7	1478.6	1358.8	1250.8	1146.4	1042.4	968.7	908.1	858.2	814.2	784.0
60°	1746.0	1597.1	1460.4	1340.8	1244.0	1148.3	1056.8	988.3	936.4	892.3	858.1
62.5°	1881.0	1706.4	1563.4	1446.3	1340.9	1243.6	1147.1	1068.1	1008.5	963.0	927.5
65°	2000.8	1833.2	1672.8	1546.0	1433.5	1329.7	1231.8	1139.5	1076.4	1030.1	995.5
67.5°	2123.7	1951.6	1783.9	1636.0	1517.7	1407.8	1307.9	1213.7	1142.4	1092.6	1057.7
70°	2223.6	2052.2	1886.0	1714.9	1592.0	1481.4	1377.1	1281.5	1201.5	1149.9	1114.6
72.5°	2312.3	2136.5	1959.8	1792.9	1651.6	1546.0	1438.9	1344.8	1255.6	1204.3	1169.4
75°	2376.3	2212.0	2022.4	1854.7	1696.9	1600.2	1488.7	1384.8	1300.0	1248.7	1218.2
77.5°	2429.6	2273.6	2075.0	1903.6	1745.7	1625.3	1514.8	1411.4	1331.7	1285.6	1263.0
80°	2467.3	2317.0	2131.3	1943.9	1782.0	1647.3	1534.5	1430.5	1354.6	1316.4	1304.6
82.5°	2500.1	2352.9	2174.3	1974.6	1807.3	1666.0	1547.8	1443.0	1370.3	1342.5	1343.6
85°	2520.5	2377.8	2203.3	1995.1	1822.3	1680.3	1555.1	1449.7	1380.7	1365.4	1380.8
87.5°	2528.4	2397.3	2225.1	2010.5	1831.6	1692.9	1559.2	1453.1	1387.6	1386.1	1416.8
90°	2524.5	2391.2	2217.6	2003.9	1824.5	1692.2	1552.9	1450.0	1393.1	1407.8	1452.9
92.5°	2528.4	2397.3	2225.1	2010.5	1831.6	1692.9	1559.2	1453.1	1387.6	1386.1	1416.8
95°	2520.5	2377.8	2203.3	1995.1	1822.3	1680.3	1555.1	1449.7	1380.7	1365.4	1380.8
97.5°	2500.1	2352.9	2174.3	1974.6	1807.3	1666.0	1547.8	1443.0	1370.3	1342.5	1343.6
100°	2467.3	2317.0	2131.3	1943.9	1782.0	1647.3	1534.5	1430.5	1354.6	1316.4	1304.6
102.5°	2429.6	2273.6	2075.0	1903.6	1745.7	1625.3	1514.8	1411.4	1331.7	1285.6	1263.0
105°	2376.3	2212.0	2022.4	1854.7	1696.9	1600.2	1488.7	1384.8	1300.0	1248.7	1218.2
107.5°	2312.3	2136.5	1959.8	1792.9	1651.6	1546.0	1438.9	1344.8	1255.6	1204.3	1169.4
110°	2223.6	2052.2	1886.0	1714.9	1592.0	1481.4	1377.1	1281.5	1201.5	1149.9	1114.6





TEST NUMBER: P231989

CATALOG NUMBER: FVS4WM-4-LD4-35-2HI-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°	2123.7	1951.6	1783.9	1636.0	1517.7	1407.8	1307.9	1213.7	1142.4	1092.6	1057.7
115°	2000.8	1833.2	1672.8	1546.0	1433.5	1329.7	1231.8	1139.5	1076.4	1030.1	995.5
117.5°	1881.0	1706.4	1563.4	1446.3	1340.9	1243.6	1147.1	1068.1	1008.5	963.0	927.5
120°	1746.0	1597.1	1460.4	1340.8	1244.0	1148.3	1056.8	988.3	936.4	892.3	858.1
122.5°	1611.7	1478.6	1358.8	1250.8	1146.4	1042.4	968.7	908.1	858.2	814.2	784.0
125°	1471.0	1354.8	1250.8	1149.6	1048.3	960.4	883.3	822.8	774.4	734.0	705.9
127.5°	1326.0	1229.4	1133.7	1038.5	953.5	878.9	814.1	754.3	698.9	649.5	624.6
130°	1183.3	1096.8	1009.2	931.7	860.6	798.1	740.5	684.8	639.0	598.3	565.1
132.5°	1037.8	961.9	892.5	826.2	770.5	716.6	664.6	621.0	580.9	551.5	526.5
135°	896.7	834.2	781.0	729.8	681.7	634.1	595.2	557.7	531.9	507.5	489.1
137.5°	764.7	720.7	676.4	635.4	596.4	561.4	529.0	506.8	484.9	468.1	456.2
140°	659.3	613.1	577.3	547.6	519.6	495.3	476.5	458.4	443.4	432.2	426.4
142.5°	567.5	530.7	494.7	472.9	457.1	441.5	428.0	414.8	406.3	401.1	399.6
145°	495.6	466.3	443.3	420.4	403.9	393.6	382.3	378.3	373.9	373.6	374.7
147.5°	439.3	419.0	400.8	383.3	365.6	352.9	348.1	345.4	346.7	347.8	350.4
150°	391.4	376.5	362.4	351.4	341.2	331.2	325.5	320.6	320.4	323.2	325.8
152.5°	351.2	342.4	333.5	325.7	319.8	314.4	310.2	306.4	303.8	301.4	297.8
155°	319.3	314.0	308.7	303.6	299.2	295.3	292.0	288.9	285.2	281.6	278.8
157.5°	290.3	286.6	282.9	279.4	276.0	272.8	269.5	266.2	263.0	256.5	249.8
160°	258.9	256.6	254.4	252.1	249.5	246.8	243.1	238.6	233.5	228.0	221.5
162.5°	227.4	226.1	224.3	222.1	219.4	216.3	212.7	208.7	204.1	198.9	193.2
165°	195.1	193.9	192.4	190.7	188.6	186.0	183.0	179.5	175.6	170.8	165.6
167.5°	164.9	164.1	163.0	161.5	159.5	156.8	153.8	150.5	146.8	142.8	138.6
170°	135.1	134.0	132.6	130.9	129.0	126.9	124.6	122.2	119.5	116.6	113.5
172.5°	104.9	104.2	103.2	102.1	100.8	99.3	97.6	95.8	93.8	91.1	88.0
175°	74.4	73.4	72.3	71.1	69.8	68.3	66.7	65.0	63.1	61.2	59.1
177.5°	37.5	37.1	36.7	36.2	35.6	35.0	34.3	33.5	32.7	31.9	31.0
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: P231989

CATALOG NUMBER: FVS4WM-4-LD4-35-2HI-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
2.5°	30.0	29.0	28.0	26.9	25.7	24.5	23.3	22.1	20.8	19.4	18.1
5°	57.0	54.7	52.4	50.2	48.0	45.6	43.2	40.8	38.2	35.6	33.0
7.5°	84.8	81.5	78.0	74.3	70.6	66.7	62.7	59.0	55.3	51.5	47.6
10°	110.2	106.6	103.1	98.1	93.2	88.1	82.9	77.5	72.1	67.0	61.9
12.5°	134.3	129.8	125.0	120.0	114.7	108.9	102.5	95.9	89.2	82.4	76.0
15°	160.0	154.1	148.7	141.7	135.2	128.5	121.5	113.9	106.0	98.0	89.8
17.5°	187.8	179.8	172.4	164.5	156.4	148.3	139.9	131.2	122.3	113.2	103.9
20°	214.1	206.2	197.6	188.4	178.8	168.7	158.9	148.7	138.2	128.0	117.7
22.5°	242.5	233.6	223.6	213.0	201.9	190.3	178.3	166.6	154.5	142.4	131.1
25°	269.5	260.8	250.9	238.6	228.3	217.9	207.1	195.9	184.8	173.3	162.1
27.5°	297.2	292.8	285.7	277.7	267.0	255.9	244.3	232.3	220.2	207.9	195.5
30°	326.1	325.5	321.5	313.6	304.5	292.9	280.8	268.1	255.7	242.1	229.0
32.5°	353.0	353.7	352.8	348.0	339.3	328.7	316.3	303.2	289.3	275.7	261.9
35°	377.0	379.9	380.4	379.4	372.5	363.0	350.8	338.5	323.3	308.7	294.6
37.5°	400.9	403.5	406.5	406.4	405.7	395.1	384.2	371.0	356.7	341.3	326.9
40°	425.0	426.6	429.8	432.6	431.8	426.4	416.3	403.5	389.5	373.8	358.7
42.5°	449.8	450.1	452.4	456.4	457.8	457.1	446.8	435.0	421.6	405.8	390.1
45°	478.6	472.7	475.2	478.9	483.1	482.8	476.5	465.7	452.6	437.3	421.1
47.5°	506.5	499.4	497.6	500.8	506.0	511.4	514.1	505.7	492.4	474.9	454.0
50°	542.0	529.5	539.8	557.4	570.4	576.5	574.0	560.0	540.6	516.8	488.9
52.5°	610.8	609.6	621.8	636.3	646.8	646.5	636.4	617.4	591.4	560.7	525.6
55°	691.1	690.1	700.1	717.7	727.2	720.3	703.2	677.6	644.5	606.2	563.7
57.5°	767.8	765.6	774.9	798.1	807.9	798.9	773.9	740.3	699.6	653.3	603.0
60°	837.9	837.7	850.7	874.7	890.4	881.8	848.2	805.2	756.2	701.8	643.4
62.5°	908.0	908.1	922.9	948.8	974.6	968.6	925.3	872.2	814.4	751.7	684.8
65°	975.0	973.4	991.7	1020.8	1059.9	1053.0	1004.4	941.4	874.1	802.6	726.9
67.5°	1037.3	1034.3	1057.4	1091.9	1135.6	1136.0	1086.0	1012.6	934.8	854.4	769.6
70°	1096.2	1095.3	1122.4	1159.2	1195.8	1191.5	1132.0	1044.4	955.1	868.0	778.7
72.5°	1150.7	1146.1	1164.7	1191.8	1212.8	1202.1	1141.3	1051.0	958.8	871.5	782.2
75°	1199.4	1192.1	1205.1	1228.3	1235.9	1214.9	1149.8	1056.8	961.2	874.0	784.8
77.5°	1246.8	1238.2	1246.1	1268.0	1264.1	1229.4	1157.1	1061.5	962.6	875.4	786.5
80°	1293.0	1284.3	1287.9	1310.3	1296.0	1244.7	1163.4	1065.1	962.8	875.9	787.3
82.5°	1338.3	1330.2	1330.3	1354.4	1330.5	1260.4	1168.3	1067.6	961.9	875.5	790.3
85°	1382.9	1376.1	1373.4	1399.6	1366.3	1279.6	1175.2	1071.7	961.9	875.7	787.9
87.5°	1427.0	1422.0	1416.9	1445.6	1403.1	1291.2	1174.9	1069.2	957.4	872.2	785.6
90°	1470.6	1467.6	1461.8	1490.2	1436.3	1302.9	1174.5	1066.7	952.9	868.6	783.3
92.5°	1427.0	1422.0	1416.9	1445.6	1403.1	1291.2	1174.9	1069.2	957.4	872.2	785.6
95°	1382.9	1376.1	1373.4	1399.6	1366.3	1279.6	1175.2	1071.7	961.9	875.7	787.9
97.5°	1338.3	1330.2	1330.3	1354.4	1330.5	1260.4	1168.3	1067.6	961.9	875.5	790.3
100°	1293.0	1284.3	1287.9	1310.3	1296.0	1244.7	1163.4	1065.1	962.8	875.9	787.3
102.5°	1246.8	1238.2	1246.1	1268.0	1264.1	1229.4	1157.1	1061.5	962.6	875.4	786.5
105°	1199.4	1192.1	1205.1	1228.3	1235.9	1214.9	1149.8	1056.8	961.2	874.0	784.8
107.5°	1150.7	1146.1	1164.7	1191.8	1212.8	1202.1	1141.3	1051.0	958.8	871.5	782.2
110°	1096.2	1095.3	1122.4	1159.2	1195.8	1191.5	1132.0	1044.4	955.1	868.0	778.7



TEST NUMBER: P231989

CATALOG NUMBER: FVS4WM-4-LD4-35-2HI-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
112.5°	1037.3	1034.3	1057.4	1091.9	1135.6	1136.0	1086.0	1012.6	934.8	854.4	769.6
115°	975.0	973.4	991.7	1020.8	1059.9	1053.0	1004.4	941.4	874.1	802.6	726.9
117.5°	908.0	908.1	922.9	948.8	974.6	968.6	925.3	872.2	814.4	751.7	684.8
120°	837.9	837.7	850.7	874.7	890.4	881.8	848.2	805.2	756.2	701.8	643.4
122.5°	767.8	765.6	774.9	798.1	807.9	798.9	773.9	740.3	699.6	653.3	603.0
125°	691.1	690.1	700.1	717.7	727.2	720.3	703.2	677.6	644.5	606.2	563.7
127.5°	610.8	609.6	621.8	636.3	646.8	646.5	636.4	617.4	591.4	560.7	525.6
130°	542.0	529.5	539.8	557.4	570.4	576.5	574.0	560.0	540.6	516.8	488.9
132.5°	506.5	499.4	497.6	500.8	506.0	511.4	514.1	505.7	492.4	474.9	454.0
135°	478.6	472.7	475.2	478.9	483.1	482.8	476.5	465.7	452.6	437.3	421.1
137.5°	449.8	450.1	452.4	456.4	457.8	457.1	446.8	435.0	421.6	405.8	390.1
140°	425.0	426.6	429.8	432.6	431.8	426.4	416.3	403.5	389.5	373.8	358.7
142.5°	400.9	403.5	406.5	406.4	405.7	395.1	384.2	371.0	356.7	341.3	326.9
145°	377.0	379.9	380.4	379.4	372.5	363.0	350.8	338.5	323.3	308.7	294.6
147.5°	353.0	353.7	352.8	348.0	339.3	328.7	316.3	303.2	289.3	275.7	261.9
150°	326.1	325.5	321.5	313.6	304.5	292.9	280.8	268.1	255.7	242.1	229.0
152.5°	297.2	292.8	285.7	277.7	267.0	255.9	244.3	232.3	220.2	207.9	195.5
155°	269.5	260.8	250.9	238.6	228.3	217.9	207.1	195.9	184.8	173.3	162.1
157.5°	242.5	233.6	223.6	213.0	201.9	190.3	178.3	166.6	154.5	142.4	131.1
160°	214.1	206.2	197.6	188.4	178.8	168.7	158.9	148.7	138.2	128.0	117.7
162.5°	187.8	179.8	172.4	164.5	156.4	148.3	139.9	131.2	122.3	113.2	103.9
165°	160.0	154.1	148.7	141.7	135.2	128.5	121.5	113.9	106.0	98.0	89.8
167.5°	134.3	129.8	125.0	120.0	114.7	108.9	102.5	95.9	89.2	82.4	76.0
170°	110.2	106.6	103.1	98.1	93.2	88.1	82.9	77.5	72.1	67.0	61.9
172.5°	84.8	81.5	78.0	74.3	70.6	66.7	62.7	59.0	55.3	51.5	47.6
175°	57.0	54.7	52.4	50.2	48.0	45.6	43.2	40.8	38.2	35.6	33.0
177.5°	30.0	29.0	28.0	26.9	25.7	24.5	23.3	22.1	20.8	19.4	18.1
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: P231989

CATALOG NUMBER: FVS4WM-4-LD4-35-2HI-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
0°	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
2.5°	16.7	15.3	13.8	12.4	12.3	12.2	12.1	12.0	11.8	11.7	11.5
5°	30.3	27.5	24.7	21.9	21.6	21.4	21.1	20.8	20.5	20.1	19.7
7.5°	43.6	39.6	35.5	31.3	30.9	30.5	30.0	29.4	28.8	28.2	27.5
10°	56.8	51.5	46.2	40.8	40.2	39.5	38.7	37.8	36.9	36.1	35.6
12.5°	69.7	63.3	56.9	50.3	49.3	48.3	47.2	46.0	45.0	44.5	43.8
15°	82.4	75.0	67.4	59.8	58.5	57.1	55.6	54.2	53.5	52.7	51.8
17.5°	94.9	86.5	77.9	69.2	67.5	65.7	63.8	62.6	61.7	60.8	59.7
20°	107.2	97.8	88.3	78.7	76.6	74.3	72.0	71.0	69.9	68.8	67.4
22.5°	119.7	109.0	98.7	88.2	85.5	82.7	80.5	79.3	78.0	76.5	75.0
25°	150.6	139.2	128.1	116.6	112.8	108.6	105.1	102.0	98.5	94.9	91.1
27.5°	182.9	170.0	157.8	145.1	140.2	134.8	130.5	126.1	121.6	116.8	111.9
30°	215.1	200.9	187.5	173.5	167.4	160.8	155.4	149.6	143.9	137.9	131.6
32.5°	247.3	231.9	217.1	201.9	194.5	186.7	179.8	172.6	165.6	158.1	150.4
35°	279.3	262.9	246.8	230.4	221.5	212.4	203.8	195.2	186.6	177.6	168.3
37.5°	311.3	293.8	276.4	258.8	248.4	237.8	227.4	217.3	207.4	196.3	185.7
40°	343.3	324.7	306.0	287.2	275.2	262.9	250.6	238.9	226.8	214.2	202.3
42.5°	374.9	355.5	335.7	315.7	301.9	287.8	274.0	260.1	246.0	232.1	218.2
45°	406.0	386.2	365.3	344.1	328.5	312.5	296.3	280.9	264.7	248.7	233.6
47.5°	434.0	410.1	384.9	360.2	341.5	323.0	305.3	289.3	273.3	258.2	243.1
50°	462.7	434.1	404.6	376.3	354.2	332.6	312.7	294.9	278.2	263.1	247.1
52.5°	492.4	458.5	424.4	392.5	366.7	342.0	320.0	300.7	283.2	268.4	251.8
55°	522.9	483.2	444.4	408.6	379.0	351.2	327.0	306.5	288.7	274.0	257.1
57.5°	554.3	508.3	464.4	424.7	391.2	360.2	334.0	312.4	294.6	279.8	263.1
60°	586.3	533.6	484.5	440.8	403.4	369.1	340.9	318.5	300.8	285.8	270.3
62.5°	618.9	559.2	504.7	457.0	415.4	377.8	347.7	324.6	307.2	292.4	277.3
65°	652.0	584.9	525.0	473.1	427.4	386.5	354.4	330.9	313.9	299.4	285.5
67.5°	685.5	610.7	545.2	489.2	439.3	395.1	361.2	337.3	320.8	306.8	294.2
70°	692.0	616.3	548.6	489.7	437.3	392.7	359.0	335.4	319.8	307.2	296.6
72.5°	695.8	620.9	551.8	490.3	435.1	390.2	356.4	332.5	317.1	305.0	295.2
75°	699.0	625.3	557.2	490.8	433.1	387.8	353.9	329.6	314.5	303.2	294.1
77.5°	701.6	629.5	559.6	491.4	431.1	385.7	351.6	326.9	312.1	301.5	293.2
80°	703.6	635.6	562.0	491.9	429.2	383.7	349.5	324.3	309.8	300.1	292.5
82.5°	706.9	638.2	564.4	492.5	427.3	381.9	347.6	321.9	307.6	298.9	292.0
85°	706.9	640.8	566.8	493.0	425.6	380.2	345.9	319.6	305.6	297.8	291.6
87.5°	706.9	643.5	569.2	493.6	424.0	378.8	344.4	317.6	303.7	296.9	291.4
90°	706.9	646.1	571.6	494.1	422.5	377.5	343.1	315.7	302.0	296.1	291.2
92.5°	706.9	643.5	569.2	493.6	424.0	378.8	344.4	317.6	303.7	296.9	291.4
95°	706.9	640.8	566.8	493.0	425.6	380.2	345.9	319.6	305.6	297.8	291.6
97.5°	706.9	638.2	564.4	492.5	427.3	381.9	347.6	321.9	307.6	298.9	292.0
100°	703.6	635.6	562.0	491.9	429.2	383.7	349.5	324.3	309.8	300.1	292.5
102.5°	701.6	629.5	559.6	491.4	431.1	385.7	351.6	326.9	312.1	301.5	293.2
105°	699.0	625.3	557.2	490.8	433.1	387.8	353.9	329.6	314.5	303.2	294.1
107.5°	695.8	620.9	551.8	490.3	435.1	390.2	356.4	332.5	317.1	305.0	295.2
110°	692.0	616.3	548.6	489.7	437.3	392.7	359.0	335.4	319.8	307.2	296.6



TEST NUMBER: P231989

CATALOG NUMBER: FVS4WM-4-LD4-35-2HI-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°	685.5	610.7	545.2	489.2	439.3	395.1	361.2	337.3	320.8	306.8	294.2
115°	652.0	584.9	525.0	473.1	427.4	386.5	354.4	330.9	313.9	299.4	285.5
117.5°	618.9	559.2	504.7	457.0	415.4	377.8	347.7	324.6	307.2	292.4	277.3
120°	586.3	533.6	484.5	440.8	403.4	369.1	340.9	318.5	300.8	285.8	270.3
122.5°	554.3	508.3	464.4	424.7	391.2	360.2	334.0	312.4	294.6	279.8	263.1
125°	522.9	483.2	444.4	408.6	379.0	351.2	327.0	306.5	288.7	274.0	257.1
127.5°	492.4	458.5	424.4	392.5	366.7	342.0	320.0	300.7	283.2	268.4	251.8
130°	462.7	434.1	404.6	376.3	354.2	332.6	312.7	294.9	278.2	263.1	247.1
132.5°	434.0	410.1	384.9	360.2	341.5	323.0	305.3	289.3	273.3	258.2	243.1
135°	406.0	386.2	365.3	344.1	328.5	312.5	296.3	280.9	264.7	248.7	233.6
137.5°	374.9	355.5	335.7	315.7	301.9	287.8	274.0	260.1	246.0	232.1	218.2
140°	343.3	324.7	306.0	287.2	275.2	262.9	250.6	238.9	226.8	214.2	202.3
142.5°	311.3	293.8	276.4	258.8	248.4	237.8	227.4	217.3	207.4	196.3	185.7
145°	279.3	262.9	246.8	230.4	221.5	212.4	203.8	195.2	186.6	177.6	168.3
147.5°	247.3	231.9	217.1	201.9	194.5	186.7	179.8	172.6	165.6	158.1	150.4
150°	215.1	200.9	187.5	173.5	167.4	160.8	155.4	149.6	143.9	137.9	131.6
152.5°	182.9	170.0	157.8	145.1	140.2	134.8	130.5	126.1	121.6	116.8	111.9
155°	150.6	139.2	128.1	116.6	112.8	108.6	105.1	102.0	98.5	94.9	91.1
157.5°	119.7	109.0	98.7	88.2	85.5	82.7	80.5	79.3	78.0	76.5	75.0
160°	107.2	97.8	88.3	78.7	76.6	74.3	72.0	71.0	69.9	68.8	67.4
162.5°	94.9	86.5	77.9	69.2	67.5	65.7	63.8	62.6	61.7	60.8	59.7
165°	82.4	75.0	67.4	59.8	58.5	57.1	55.6	54.2	53.5	52.7	51.8
167.5°	69.7	63.3	56.9	50.3	49.3	48.3	47.2	46.0	45.0	44.5	43.8
170°	56.8	51.5	46.2	40.8	40.2	39.5	38.7	37.8	36.9	36.1	35.6
172.5°	43.6	39.6	35.5	31.3	30.9	30.5	30.0	29.4	28.8	28.2	27.5
175°	30.3	27.5	24.7	21.9	21.6	21.4	21.1	20.8	20.5	20.1	19.7
177.5°	16.7	15.3	13.8	12.4	12.3	12.2	12.1	12.0	11.8	11.7	11.5
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: P231989

CATALOG NUMBER: FVS4WM-4-LD4-35-2HI-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
0°	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
2.5°	11.3	11.1	10.9	10.6	10.4	10.1	9.8	9.6	9.3	9.0	8.6
5°	19.3	18.8	18.3	17.8	17.3	16.9	16.5	16.1	15.6	15.2	14.7
7.5°	26.9	26.5	26.0	25.5	25.0	24.4	23.8	23.2	22.5	21.7	20.9
10°	35.1	34.5	33.9	33.2	32.4	31.6	30.6	29.7	28.7	27.6	26.6
12.5°	43.1	42.3	41.4	40.4	39.4	38.3	37.2	36.0	34.6	33.2	31.7
15°	51.0	49.9	48.7	47.5	46.2	44.8	43.3	41.8	40.1	38.5	36.9
17.5°	58.5	57.2	55.9	54.4	52.8	51.1	49.4	47.7	46.0	44.2	42.4
20°	66.0	64.5	62.8	61.1	59.3	57.4	55.6	53.7	51.7	49.6	47.5
22.5°	73.4	71.6	69.7	67.8	65.8	63.7	61.6	59.4	57.1	54.8	52.1
25°	87.1	82.9	78.6	74.4	72.1	69.8	67.4	65.0	62.1	59.2	56.3
27.5°	106.7	101.4	96.2	90.9	85.5	80.2	75.0	69.8	66.7	63.5	60.3
30°	125.2	118.9	112.6	106.0	99.4	92.8	86.3	80.2	74.4	68.8	64.3
32.5°	142.8	135.3	127.5	119.3	111.3	103.5	96.1	89.3	82.8	76.9	71.3
35°	159.6	150.6	140.7	131.1	121.6	112.8	104.7	97.1	90.0	83.4	77.2
37.5°	175.5	164.2	152.6	141.3	130.6	121.1	112.1	103.6	95.9	88.8	82.4
40°	190.3	176.5	163.2	150.3	139.0	128.3	118.2	109.1	101.0	93.8	87.2
42.5°	203.5	187.7	172.6	158.8	146.3	134.4	123.4	114.1	105.8	98.4	91.3
45°	215.8	198.0	181.1	166.6	152.7	139.3	128.5	118.8	110.4	102.3	94.5
47.5°	225.0	207.1	189.5	173.6	158.0	144.6	133.1	123.6	114.2	105.2	97.1
50°	229.2	211.7	195.4	179.4	163.1	149.6	138.0	127.6	117.1	107.6	98.9
52.5°	234.4	217.5	201.7	185.6	170.9	158.1	146.5	133.1	119.5	109.4	100.3
55°	240.5	224.4	208.6	192.6	179.9	168.6	156.8	143.0	128.8	115.0	101.9
57.5°	247.4	231.9	216.2	201.4	189.9	180.2	167.5	153.1	138.0	123.1	109.4
60°	255.1	239.9	224.5	211.7	201.7	192.4	178.7	163.1	146.7	130.9	116.2
62.5°	263.5	248.4	233.5	222.8	214.5	204.3	189.8	172.9	154.8	138.2	122.4
65°	272.3	257.6	243.2	234.6	228.2	216.6	200.7	182.0	162.8	145.1	128.1
67.5°	281.5	267.3	254.8	247.6	242.7	229.5	211.7	190.9	170.8	151.7	133.2
70°	285.5	273.5	264.4	260.6	255.9	242.0	222.7	199.5	178.5	158.0	137.8
72.5°	284.6	273.5	265.4	261.5	256.2	244.2	227.0	206.0	185.8	164.2	142.1
75°	284.1	274.0	266.5	262.2	255.3	243.2	226.4	206.1	185.4	164.8	145.3
77.5°	284.0	274.8	267.5	262.8	254.6	243.2	227.0	206.7	185.6	165.0	147.0
80°	284.2	276.0	268.5	263.1	254.3	244.0	228.6	207.9	186.6	166.2	149.2
82.5°	284.7	277.5	269.6	263.5	254.3	245.5	231.2	209.8	188.3	168.4	152.1
85°	285.4	279.3	270.7	263.8	254.6	247.6	234.6	212.3	190.8	171.6	155.6
87.5°	286.3	281.2	272.0	264.2	255.1	250.1	238.6	215.6	194.0	175.6	159.8
90°	287.3	283.3	273.5	264.7	255.9	252.9	243.1	219.6	198.0	180.4	164.7
92.5°	286.3	281.2	272.0	264.2	255.1	250.1	238.6	215.6	194.0	175.6	159.8
95°	285.4	279.3	270.7	263.8	254.6	247.6	234.6	212.3	190.8	171.6	155.6
97.5°	284.7	277.5	269.6	263.5	254.3	245.5	231.2	209.8	188.3	168.4	152.1
100°	284.2	276.0	268.5	263.1	254.3	244.0	228.6	207.9	186.6	166.2	149.2
102.5°	284.0	274.8	267.5	262.8	254.6	243.2	227.0	206.7	185.6	165.0	147.0
105°	284.1	274.0	266.5	262.2	255.3	243.2	226.4	206.1	185.4	164.8	145.3
107.5°	284.6	273.5	265.4	261.5	256.2	244.2	227.0	206.0	185.8	164.2	142.1
110°	285.5	273.5	264.4	260.6	255.9	242.0	222.7	199.5	178.5	158.0	137.8



TEST NUMBER: P231989

CATALOG NUMBER: FVS4WM-4-LD4-35-2HI-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
112.5°	281.5	267.3	254.8	247.6	242.7	229.5	211.7	190.9	170.8	151.7	133.2
115°	272.3	257.6	243.2	234.6	228.2	216.6	200.7	182.0	162.8	145.1	128.1
117.5°	263.5	248.4	233.5	222.8	214.5	204.3	189.8	172.9	154.8	138.2	122.4
120°	255.1	239.9	224.5	211.7	201.7	192.4	178.7	163.1	146.7	130.9	116.2
122.5°	247.4	231.9	216.2	201.4	189.9	180.2	167.5	153.1	138.0	123.1	109.4
125°	240.5	224.4	208.6	192.6	179.9	168.6	156.8	143.0	128.8	115.0	101.9
127.5°	234.4	217.5	201.7	185.6	170.9	158.1	146.5	133.1	119.5	109.4	100.3
130°	229.2	211.7	195.4	179.4	163.1	149.6	138.0	127.6	117.1	107.6	98.9
132.5°	225.0	207.1	189.5	173.6	158.0	144.6	133.1	123.6	114.2	105.2	97.1
135°	215.8	198.0	181.1	166.6	152.7	139.3	128.5	118.8	110.4	102.3	94.5
137.5°	203.5	187.7	172.6	158.8	146.3	134.4	123.4	114.1	105.8	98.4	91.3
140°	190.3	176.5	163.2	150.3	139.0	128.3	118.2	109.1	101.0	93.8	87.2
142.5°	175.5	164.2	152.6	141.3	130.6	121.1	112.1	103.6	95.9	88.8	82.4
145°	159.6	150.6	140.7	131.1	121.6	112.8	104.7	97.1	90.0	83.4	77.2
147.5°	142.8	135.3	127.5	119.3	111.3	103.5	96.1	89.3	82.8	76.9	71.3
150°	125.2	118.9	112.6	106.0	99.4	92.8	86.3	80.2	74.4	68.8	64.3
152.5°	106.7	101.4	96.2	90.9	85.5	80.2	75.0	69.8	66.7	63.5	60.3
155°	87.1	82.9	78.6	74.4	72.1	69.8	67.4	65.0	62.1	59.2	56.3
157.5°	73.4	71.6	69.7	67.8	65.8	63.7	61.6	59.4	57.1	54.8	52.1
160°	66.0	64.5	62.8	61.1	59.3	57.4	55.6	53.7	51.7	49.6	47.5
162.5°	58.5	57.2	55.9	54.4	52.8	51.1	49.4	47.7	46.0	44.2	42.4
165°	51.0	49.9	48.7	47.5	46.2	44.8	43.3	41.8	40.1	38.5	36.9
167.5°	43.1	42.3	41.4	40.4	39.4	38.3	37.2	36.0	34.6	33.2	31.7
170°	35.1	34.5	33.9	33.2	32.4	31.6	30.6	29.7	28.7	27.6	26.6
172.5°	26.9	26.5	26.0	25.5	25.0	24.4	23.8	23.2	22.5	21.7	20.9
175°	19.3	18.8	18.3	17.8	17.3	16.9	16.5	16.1	15.6	15.2	14.7
177.5°	11.3	11.1	10.9	10.6	10.4	10.1	9.8	9.6	9.3	9.0	8.6
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: P231989

CATALOG NUMBER: FVS4WM-4-LD4-35-2HI-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
0°	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
2.5°	8.3	8.0	7.6	7.3	6.9	6.6	6.2	5.8	5.5	5.1	4.7
5°	14.2	13.6	13.1	12.5	11.9	11.3	10.6	10.0	9.3	8.6	8.0
7.5°	20.1	19.2	18.3	17.4	16.5	15.5	14.5	13.5	12.5	11.5	10.4
10°	25.5	24.3	23.0	21.7	20.4	19.1	17.7	16.3	14.9	13.5	12.1
12.5°	30.3	28.7	27.2	25.7	24.2	22.7	21.2	19.6	18.0	16.4	14.8
15°	35.3	33.7	32.0	30.3	28.6	26.7	24.8	22.9	21.0	19.1	17.1
17.5°	40.5	38.5	36.5	34.5	32.4	30.3	28.0	25.7	23.5	21.2	19.0
20°	45.3	43.0	40.6	38.1	35.6	33.2	30.7	28.2	25.7	23.2	20.6
22.5°	49.5	46.8	44.1	41.4	38.7	35.9	33.2	30.5	27.8	25.1	22.4
25°	53.4	50.4	47.5	44.6	41.7	38.8	35.9	33.0	30.0	27.0	23.9
27.5°	57.1	54.1	51.0	48.0	44.8	41.5	38.3	35.0	31.8	28.6	25.4
30°	61.1	57.9	54.4	50.8	47.3	44.0	40.6	37.2	33.9	30.5	27.2
32.5°	65.9	61.0	57.3	53.8	50.2	46.7	43.3	39.9	36.4	32.8	29.2
35°	71.4	66.1	61.2	57.1	53.6	50.1	46.5	42.8	39.0	35.2	31.2
37.5°	76.6	71.1	66.1	61.5	57.2	53.5	49.6	45.4	41.2	36.9	32.7
40°	81.1	75.4	70.1	65.4	60.9	56.4	52.0	47.6	43.1	38.7	34.1
42.5°	84.7	78.8	73.3	68.0	63.0	58.5	54.3	49.6	44.3	39.3	34.4
45°	87.6	81.2	75.2	69.6	64.5	59.7	54.6	49.9	45.0	40.0	35.1
47.5°	89.7	82.7	76.4	70.6	64.9	59.3	54.4	49.9	45.8	40.8	35.8
50°	91.0	83.7	77.1	70.5	64.4	59.1	54.1	49.6	45.5	41.3	36.3
52.5°	91.9	84.3	76.9	70.1	64.1	58.7	53.6	48.9	44.6	40.5	35.9
55°	92.5	84.2	76.6	69.8	63.7	58.0	52.6	47.7	43.3	39.1	35.3
57.5°	96.5	84.5	76.2	69.4	63.0	56.7	51.4	46.7	42.3	38.2	34.3
60°	102.3	89.6	78.5	68.8	61.5	55.8	50.8	46.0	41.6	37.5	33.5
62.5°	107.5	94.0	82.8	71.7	62.1	55.5	50.3	45.6	41.2	37.2	32.9
65°	111.9	98.6	86.4	75.0	65.7	57.3	50.2	45.5	41.4	36.6	31.5
67.5°	116.2	103.1	89.7	78.7	68.9	60.1	52.5	46.5	41.2	35.8	30.7
70°	121.3	106.9	93.5	82.1	71.7	62.4	54.8	47.7	41.0	35.7	29.9
72.5°	126.2	110.9	97.4	85.4	74.3	64.5	56.3	47.6	40.6	34.4	28.7
75°	130.3	115.2	101.3	88.5	76.5	66.5	56.4	47.0	38.9	31.7	26.5
77.5°	131.6	116.8	103.3	90.8	78.7	68.0	56.2	45.7	36.4	28.9	23.0
80°	133.7	118.5	104.9	91.7	79.4	67.8	55.6	44.0	33.9	25.5	18.9
82.5°	136.4	120.8	107.0	93.0	80.3	67.7	55.1	43.5	32.6	22.8	14.7
85°	139.9	123.6	109.8	94.9	81.6	68.4	55.3	43.9	32.6	22.4	13.4
87.5°	144.1	127.1	113.4	97.5	83.5	70.0	56.5	45.4	33.4	22.9	13.5
90°	149.0	131.4	117.6	101.0	86.3	72.5	58.8	48.0	35.3	24.5	14.7
92.5°	144.1	127.1	113.4	97.5	83.5	70.0	56.5	45.4	33.4	22.9	13.5
95°	139.9	123.6	109.8	94.9	81.6	68.4	55.3	43.9	32.6	22.4	13.4
97.5°	136.4	120.8	107.0	93.0	80.3	67.7	55.1	43.5	32.6	22.8	14.7
100°	133.7	118.5	104.9	91.7	79.4	67.8	55.6	44.0	33.9	25.5	18.9
102.5°	131.6	116.8	103.3	90.8	78.7	68.0	56.2	45.7	36.4	28.9	23.0
105°	130.3	115.2	101.3	88.5	76.5	66.5	56.4	47.0	38.9	31.7	26.5
107.5°	126.2	110.9	97.4	85.4	74.3	64.5	56.3	47.6	40.6	34.4	28.7
110°	121.3	106.9	93.5	82.1	71.7	62.4	54.8	47.7	41.0	35.7	29.9





TEST NUMBER: P231989

CATALOG NUMBER: FVS4WM-4-LD4-35-2HI-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°	116.2	103.1	89.7	78.7	68.9	60.1	52.5	46.5	41.2	35.8	30.7
115°	111.9	98.6	86.4	75.0	65.7	57.3	50.2	45.5	41.4	36.6	31.5
117.5°	107.5	94.0	82.8	71.7	62.1	55.5	50.3	45.6	41.2	37.2	32.9
120°	102.3	89.6	78.5	68.8	61.5	55.8	50.8	46.0	41.6	37.5	33.5
122.5°	96.5	84.5	76.2	69.4	63.0	56.7	51.4	46.7	42.3	38.2	34.3
125°	92.5	84.2	76.6	69.8	63.7	58.0	52.6	47.7	43.3	39.1	35.3
127.5°	91.9	84.3	76.9	70.1	64.1	58.7	53.6	48.9	44.6	40.5	35.9
130°	91.0	83.7	77.1	70.5	64.4	59.1	54.1	49.6	45.5	41.3	36.3
132.5°	89.7	82.7	76.4	70.6	64.9	59.3	54.4	49.9	45.8	40.8	35.8
135°	87.6	81.2	75.2	69.6	64.5	59.7	54.6	49.9	45.0	40.0	35.1
137.5°	84.7	78.8	73.3	68.0	63.0	58.5	54.3	49.6	44.3	39.3	34.4
140°	81.1	75.4	70.1	65.4	60.9	56.4	52.0	47.6	43.1	38.7	34.1
142.5°	76.6	71.1	66.1	61.5	57.2	53.5	49.6	45.4	41.2	36.9	32.7
145°	71.4	66.1	61.2	57.1	53.6	50.1	46.5	42.8	39.0	35.2	31.2
147.5°	65.9	61.0	57.3	53.8	50.2	46.7	43.3	39.9	36.4	32.8	29.2
150°	61.1	57.9	54.4	50.8	47.3	44.0	40.6	37.2	33.9	30.5	27.2
152.5°	57.1	54.1	51.0	48.0	44.8	41.5	38.3	35.0	31.8	28.6	25.4
155°	53.4	50.4	47.5	44.6	41.7	38.8	35.9	33.0	30.0	27.0	23.9
157.5°	49.5	46.8	44.1	41.4	38.7	35.9	33.2	30.5	27.8	25.1	22.4
160°	45.3	43.0	40.6	38.1	35.6	33.2	30.7	28.2	25.7	23.2	20.6
162.5°	40.5	38.5	36.5	34.5	32.4	30.3	28.0	25.7	23.5	21.2	19.0
165°	35.3	33.7	32.0	30.3	28.6	26.7	24.8	22.9	21.0	19.1	17.1
167.5°	30.3	28.7	27.2	25.7	24.2	22.7	21.2	19.6	18.0	16.4	14.8
170°	25.5	24.3	23.0	21.7	20.4	19.1	17.7	16.3	14.9	13.5	12.1
172.5°	20.1	19.2	18.3	17.4	16.5	15.5	14.5	13.5	12.5	11.5	10.4
175°	14.2	13.6	13.1	12.5	11.9	11.3	10.6	10.0	9.3	8.6	8.0
177.5°	8.3	8.0	7.6	7.3	6.9	6.6	6.2	5.8	5.5	5.1	4.7
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: P231989

CATALOG NUMBER: FVS4WM-4-LD4-35-2HI-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
0°	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
2.5°	4.3	3.9	3.5	3.2	2.8	2.4	2.0	2.4	2.8	3.2	3.5
5°	7.3	6.6	5.8	5.1	4.4	3.6	2.9	3.6	4.4	5.1	5.8
7.5°	9.4	8.3	7.2	6.2	5.1	4.0	2.9	4.0	5.1	6.2	7.2
10°	10.7	9.2	7.8	6.3	4.9	3.4	2.0	3.4	4.9	6.3	7.8
12.5°	13.1	11.5	9.8	8.1	6.4	4.6	2.9	4.6	6.4	8.1	9.8
15°	15.1	13.1	11.1	9.0	7.0	4.9	2.9	4.9	7.0	9.0	11.1
17.5°	16.7	14.4	12.1	9.8	7.5	5.2	2.9	5.2	7.5	9.8	12.1
20°	18.1	15.6	13.1	10.5	8.0	5.4	2.9	5.4	8.0	10.5	13.1
22.5°	19.6	16.8	14.1	11.3	8.5	5.7	2.9	5.7	8.5	11.3	14.1
25°	20.9	17.9	14.9	11.9	8.9	5.9	2.9	5.9	8.9	11.9	14.9
27.5°	22.2	19.0	15.8	12.6	9.4	6.1	2.9	6.1	9.4	12.6	15.8
30°	23.8	20.4	16.9	13.4	9.9	6.4	2.9	6.4	9.9	13.4	16.9
32.5°	25.6	21.9	18.1	14.3	10.5	6.7	2.9	6.7	10.5	14.3	18.1
35°	27.1	23.1	19.1	15.0	11.0	6.9	2.9	6.9	11.0	15.0	19.1
37.5°	28.5	24.2	19.9	15.7	11.4	7.2	2.9	7.2	11.4	15.7	19.9
40°	29.4	24.8	20.3	15.9	11.5	7.2	2.9	7.2	11.5	15.9	20.3
42.5°	29.7	25.2	20.6	16.2	11.7	7.3	2.9	7.3	11.7	16.2	20.6
45°	30.4	25.8	21.3	16.9	12.6	8.2	3.9	8.2	12.6	16.9	21.3
47.5°	31.0	26.3	21.7	17.2	12.7	8.3	3.9	8.3	12.7	17.2	21.7
50°	31.3	26.3	21.6	17.0	12.5	8.2	3.9	8.2	12.5	17.0	21.6
52.5°	30.7	25.9	21.3	16.8	12.5	8.2	3.9	8.2	12.5	16.8	21.3
55°	30.6	25.8	21.2	16.7	12.4	8.1	3.9	8.1	12.4	16.7	21.2
57.5°	30.5	25.6	20.9	16.5	12.2	8.0	3.9	8.0	12.2	16.5	20.9
60°	29.6	25.1	20.2	15.8	11.6	7.7	3.9	7.7	11.6	15.8	20.2
62.5°	28.2	23.5	18.9	14.6	10.8	7.3	3.9	7.3	10.8	14.6	18.9
65°	26.6	21.8	17.4	13.6	10.2	7.0	3.9	7.0	10.2	13.6	17.4
67.5°	25.5	20.6	16.3	12.6	9.4	6.6	3.9	6.6	9.4	12.6	16.3
70°	24.3	19.4	14.9	10.9	8.0	5.8	3.9	5.8	8.0	10.9	14.9
72.5°	23.3	18.0	13.0	9.0	7.2	5.9	4.9	5.9	7.2	9.0	13.0
75°	22.2	16.8	12.1	8.3	6.2	5.4	4.9	5.4	6.2	8.3	12.1
77.5°	18.8	15.7	10.8	6.3	2.2	0.5	0.0	0.5	2.2	6.3	10.8
80°	14.1	11.0	6.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.9
82.5°	9.2	5.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	6.4	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	6.2	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	6.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	6.2	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	6.4	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	9.2	5.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	14.1	11.0	6.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.9
102.5°	18.8	15.7	10.8	6.3	2.2	0.5	0.0	0.5	2.2	6.3	10.8
105°	22.2	16.8	12.1	8.3	6.2	5.4	4.9	5.4	6.2	8.3	12.1
107.5°	23.3	18.0	13.0	9.0	7.2	5.9	4.9	5.9	7.2	9.0	13.0
110°	24.3	19.4	14.9	10.9	8.0	5.8	3.9	5.8	8.0	10.9	14.9



TEST NUMBER: P231989

CATALOG NUMBER: FVS4WM-4-LD4-35-2HI-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
112.5°	25.5	20.6	16.3	12.6	9.4	6.6	3.9	6.6	9.4	12.6	16.3
115°	26.6	21.8	17.4	13.6	10.2	7.0	3.9	7.0	10.2	13.6	17.4
117.5°	28.2	23.5	18.9	14.6	10.8	7.3	3.9	7.3	10.8	14.6	18.9
120°	29.6	25.1	20.2	15.8	11.6	7.7	3.9	7.7	11.6	15.8	20.2
122.5°	30.5	25.6	20.9	16.5	12.2	8.0	3.9	8.0	12.2	16.5	20.9
125°	30.6	25.8	21.2	16.7	12.4	8.1	3.9	8.1	12.4	16.7	21.2
127.5°	30.7	25.9	21.3	16.8	12.5	8.2	3.9	8.2	12.5	16.8	21.3
130°	31.3	26.3	21.6	17.0	12.5	8.2	3.9	8.2	12.5	17.0	21.6
132.5°	31.0	26.3	21.7	17.2	12.7	8.3	3.9	8.3	12.7	17.2	21.7
135°	30.4	25.8	21.3	16.9	12.6	8.2	3.9	8.2	12.6	16.9	21.3
137.5°	29.7	25.2	20.6	16.2	11.7	7.3	2.9	7.3	11.7	16.2	20.6
140°	29.4	24.8	20.3	15.9	11.5	7.2	2.9	7.2	11.5	15.9	20.3
142.5°	28.5	24.2	19.9	15.7	11.4	7.2	2.9	7.2	11.4	15.7	19.9
145°	27.1	23.1	19.1	15.0	11.0	6.9	2.9	6.9	11.0	15.0	19.1
147.5°	25.6	21.9	18.1	14.3	10.5	6.7	2.9	6.7	10.5	14.3	18.1
150°	23.8	20.4	16.9	13.4	9.9	6.4	2.9	6.4	9.9	13.4	16.9
152.5°	22.2	19.0	15.8	12.6	9.4	6.1	2.9	6.1	9.4	12.6	15.8
155°	20.9	17.9	14.9	11.9	8.9	5.9	2.9	5.9	8.9	11.9	14.9
157.5°	19.6	16.8	14.1	11.3	8.5	5.7	2.9	5.7	8.5	11.3	14.1
160°	18.1	15.6	13.1	10.5	8.0	5.4	2.9	5.4	8.0	10.5	13.1
162.5°	16.7	14.4	12.1	9.8	7.5	5.2	2.9	5.2	7.5	9.8	12.1
165°	15.1	13.1	11.1	9.0	7.0	4.9	2.9	4.9	7.0	9.0	11.1
167.5°	13.1	11.5	9.8	8.1	6.4	4.6	2.9	4.6	6.4	8.1	9.8
170°	10.7	9.2	7.8	6.3	4.9	3.4	2.0	3.4	4.9	6.3	7.8
172.5°	9.4	8.3	7.2	6.2	5.1	4.0	2.9	4.0	5.1	6.2	7.2
175°	7.3	6.6	5.8	5.1	4.4	3.6	2.9	3.6	4.4	5.1	5.8
177.5°	4.3	3.9	3.5	3.2	2.8	2.4	2.0	2.4	2.8	3.2	3.5
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: P231989

CATALOG NUMBER: FVS4WM-4-LD4-35-2HI-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
0°	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
2.5°	3.9	4.3	4.7	5.1	5.5	5.8	6.2	6.6	6.9	7.3	7.6
5°	6.6	7.3	8.0	8.6	9.3	10.0	10.6	11.3	11.9	12.5	13.1
7.5°	8.3	9.4	10.4	11.5	12.5	13.5	14.5	15.5	16.5	17.4	18.3
10°	9.2	10.7	12.1	13.5	14.9	16.3	17.7	19.1	20.4	21.7	23.0
12.5°	11.5	13.1	14.8	16.4	18.0	19.6	21.2	22.7	24.2	25.7	27.2
15°	13.1	15.1	17.1	19.1	21.0	22.9	24.8	26.7	28.6	30.3	32.0
17.5°	14.4	16.7	19.0	21.2	23.5	25.7	28.0	30.3	32.4	34.5	36.5
20°	15.6	18.1	20.6	23.2	25.7	28.2	30.7	33.2	35.6	38.1	40.6
22.5°	16.8	19.6	22.4	25.1	27.8	30.5	33.2	35.9	38.7	41.4	44.1
25°	17.9	20.9	23.9	27.0	30.0	33.0	35.9	38.8	41.7	44.6	47.5
27.5°	19.0	22.2	25.4	28.6	31.8	35.0	38.3	41.5	44.8	48.0	51.0
30°	20.4	23.8	27.2	30.5	33.9	37.2	40.6	44.0	47.3	50.8	54.4
32.5°	21.9	25.6	29.2	32.8	36.4	39.9	43.3	46.7	50.2	53.8	57.3
35°	23.1	27.1	31.2	35.2	39.0	42.8	46.5	50.1	53.6	57.1	61.2
37.5°	24.2	28.5	32.7	36.9	41.2	45.4	49.6	53.5	57.2	61.5	66.1
40°	24.8	29.4	34.1	38.7	43.1	47.6	52.0	56.4	60.9	65.4	70.1
42.5°	25.2	29.7	34.4	39.3	44.3	49.6	54.3	58.5	63.0	68.0	73.3
45°	25.8	30.4	35.1	40.0	45.0	49.9	54.6	59.7	64.5	69.6	75.2
47.5°	26.3	31.0	35.8	40.8	45.8	49.9	54.4	59.3	64.9	70.6	76.4
50°	26.3	31.3	36.3	41.3	45.5	49.6	54.1	59.1	64.4	70.5	77.1
52.5°	25.9	30.7	35.9	40.5	44.6	48.9	53.6	58.7	64.1	70.1	76.9
55°	25.8	30.6	35.3	39.1	43.3	47.7	52.6	58.0	63.7	69.8	76.6
57.5°	25.6	30.5	34.3	38.2	42.3	46.7	51.4	56.7	63.0	69.4	76.2
60°	25.1	29.6	33.5	37.5	41.6	46.0	50.8	55.8	61.5	68.8	78.5
62.5°	23.5	28.2	32.9	37.2	41.2	45.6	50.3	55.5	62.1	71.7	82.8
65°	21.8	26.6	31.5	36.6	41.4	45.5	50.2	57.3	65.7	75.0	86.4
67.5°	20.6	25.5	30.7	35.8	41.2	46.5	52.5	60.1	68.9	78.7	89.7
70°	19.4	24.3	29.9	35.7	41.0	47.7	54.8	62.4	71.7	82.1	93.5
72.5°	18.0	23.3	28.7	34.4	40.6	47.6	56.3	64.5	74.3	85.4	97.4
75°	16.8	22.2	26.5	31.7	38.9	47.0	56.4	66.5	76.5	88.5	101.3
77.5°	15.7	18.8	23.0	28.9	36.4	45.7	56.2	68.0	78.7	90.8	103.3
80°	11.0	14.1	18.9	25.5	33.9	44.0	55.6	67.8	79.4	91.7	104.9
82.5°	5.4	9.2	14.7	22.8	32.6	43.5	55.1	67.7	80.3	93.0	107.0
85°	1.5	6.4	13.4	22.4	32.6	43.9	55.3	68.4	81.6	94.9	109.8
87.5°	0.5	6.2	13.5	22.9	33.4	45.4	56.5	70.0	83.5	97.5	113.4
90°	0.0	6.9	14.7	24.5	35.3	48.0	58.8	72.5	86.3	101.0	117.6
92.5°	0.5	6.2	13.5	22.9	33.4	45.4	56.5	70.0	83.5	97.5	113.4
95°	1.5	6.4	13.4	22.4	32.6	43.9	55.3	68.4	81.6	94.9	109.8
97.5°	5.4	9.2	14.7	22.8	32.6	43.5	55.1	67.7	80.3	93.0	107.0
100°	11.0	14.1	18.9	25.5	33.9	44.0	55.6	67.8	79.4	91.7	104.9
102.5°	15.7	18.8	23.0	28.9	36.4	45.7	56.2	68.0	78.7	90.8	103.3
105°	16.8	22.2	26.5	31.7	38.9	47.0	56.4	66.5	76.5	88.5	101.3
107.5°	18.0	23.3	28.7	34.4	40.6	47.6	56.3	64.5	74.3	85.4	97.4
110°	19.4	24.3	29.9	35.7	41.0	47.7	54.8	62.4	71.7	82.1	93.5



TEST NUMBER: P231989

CATALOG NUMBER: FVS4WM-4-LD4-35-2HI-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°	20.6	25.5	30.7	35.8	41.2	46.5	52.5	60.1	68.9	78.7	89.7
115°	21.8	26.6	31.5	36.6	41.4	45.5	50.2	57.3	65.7	75.0	86.4
117.5°	23.5	28.2	32.9	37.2	41.2	45.6	50.3	55.5	62.1	71.7	82.8
120°	25.1	29.6	33.5	37.5	41.6	46.0	50.8	55.8	61.5	68.8	78.5
122.5°	25.6	30.5	34.3	38.2	42.3	46.7	51.4	56.7	63.0	69.4	76.2
125°	25.8	30.6	35.3	39.1	43.3	47.7	52.6	58.0	63.7	69.8	76.6
127.5°	25.9	30.7	35.9	40.5	44.6	48.9	53.6	58.7	64.1	70.1	76.9
130°	26.3	31.3	36.3	41.3	45.5	49.6	54.1	59.1	64.4	70.5	77.1
132.5°	26.3	31.0	35.8	40.8	45.8	49.9	54.4	59.3	64.9	70.6	76.4
135°	25.8	30.4	35.1	40.0	45.0	49.9	54.6	59.7	64.5	69.6	75.2
137.5°	25.2	29.7	34.4	39.3	44.3	49.6	54.3	58.5	63.0	68.0	73.3
140°	24.8	29.4	34.1	38.7	43.1	47.6	52.0	56.4	60.9	65.4	70.1
142.5°	24.2	28.5	32.7	36.9	41.2	45.4	49.6	53.5	57.2	61.5	66.1
145°	23.1	27.1	31.2	35.2	39.0	42.8	46.5	50.1	53.6	57.1	61.2
147.5°	21.9	25.6	29.2	32.8	36.4	39.9	43.3	46.7	50.2	53.8	57.3
150°	20.4	23.8	27.2	30.5	33.9	37.2	40.6	44.0	47.3	50.8	54.4
152.5°	19.0	22.2	25.4	28.6	31.8	35.0	38.3	41.5	44.8	48.0	51.0
155°	17.9	20.9	23.9	27.0	30.0	33.0	35.9	38.8	41.7	44.6	47.5
157.5°	16.8	19.6	22.4	25.1	27.8	30.5	33.2	35.9	38.7	41.4	44.1
160°	15.6	18.1	20.6	23.2	25.7	28.2	30.7	33.2	35.6	38.1	40.6
162.5°	14.4	16.7	19.0	21.2	23.5	25.7	28.0	30.3	32.4	34.5	36.5
165°	13.1	15.1	17.1	19.1	21.0	22.9	24.8	26.7	28.6	30.3	32.0
167.5°	11.5	13.1	14.8	16.4	18.0	19.6	21.2	22.7	24.2	25.7	27.2
170°	9.2	10.7	12.1	13.5	14.9	16.3	17.7	19.1	20.4	21.7	23.0
172.5°	8.3	9.4	10.4	11.5	12.5	13.5	14.5	15.5	16.5	17.4	18.3
175°	6.6	7.3	8.0	8.6	9.3	10.0	10.6	11.3	11.9	12.5	13.1
177.5°	3.9	4.3	4.7	5.1	5.5	5.8	6.2	6.6	6.9	7.3	7.6
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: P231989

CATALOG NUMBER: FVS4WM-4-LD4-35-2HI-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
0°	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
2.5°	8.0	8.3	8.6	9.0	9.3	9.6	9.8	10.1	10.4	10.6	10.9
5°	13.6	14.2	14.7	15.2	15.6	16.1	16.5	16.9	17.3	17.8	18.3
7.5°	19.2	20.1	20.9	21.7	22.5	23.2	23.8	24.4	25.0	25.5	26.0
10°	24.3	25.5	26.6	27.6	28.7	29.7	30.6	31.6	32.4	33.2	33.9
12.5°	28.7	30.3	31.7	33.2	34.6	36.0	37.2	38.3	39.4	40.4	41.4
15°	33.7	35.3	36.9	38.5	40.1	41.8	43.3	44.8	46.2	47.5	48.7
17.5°	38.5	40.5	42.4	44.2	46.0	47.7	49.4	51.1	52.8	54.4	55.9
20°	43.0	45.3	47.5	49.6	51.7	53.7	55.6	57.4	59.3	61.1	62.8
22.5°	46.8	49.5	52.1	54.8	57.1	59.4	61.6	63.7	65.8	67.8	69.7
25°	50.4	53.4	56.3	59.2	62.1	65.0	67.4	69.8	72.1	74.4	78.6
27.5°	54.1	57.1	60.3	63.5	66.7	69.8	75.0	80.2	85.5	90.9	96.2
30°	57.9	61.1	64.3	68.8	74.4	80.2	86.3	92.8	99.4	106.0	112.6
32.5°	61.0	65.9	71.3	76.9	82.8	89.3	96.1	103.5	111.3	119.3	127.5
35°	66.1	71.4	77.2	83.4	90.0	97.1	104.7	112.8	121.6	131.1	140.7
37.5°	71.1	76.6	82.4	88.8	95.9	103.6	112.1	121.1	130.6	141.3	152.6
40°	75.4	81.1	87.2	93.8	101.0	109.1	118.2	128.3	139.0	150.3	163.2
42.5°	78.8	84.7	91.3	98.4	105.8	114.1	123.4	134.4	146.3	158.8	172.6
45°	81.2	87.6	94.5	102.3	110.4	118.8	128.5	139.3	152.7	166.6	181.1
47.5°	82.7	89.7	97.1	105.2	114.2	123.6	133.1	144.6	158.0	173.6	189.5
50°	83.7	91.0	98.9	107.6	117.1	127.6	138.0	149.6	163.1	179.4	195.4
52.5°	84.3	91.9	100.3	109.4	119.5	133.1	146.5	158.1	170.9	185.6	201.7
55°	84.2	92.5	101.9	115.0	128.8	143.0	156.8	168.6	179.9	192.6	208.6
57.5°	84.5	96.5	109.4	123.1	138.0	153.1	167.5	180.2	189.9	201.4	216.2
60°	89.6	102.3	116.2	130.9	146.7	163.1	178.7	192.4	201.7	211.7	224.5
62.5°	94.0	107.5	122.4	138.2	154.8	172.9	189.8	204.3	214.5	222.8	233.5
65°	98.6	111.9	128.1	145.1	162.8	182.0	200.7	216.6	228.2	234.6	243.2
67.5°	103.1	116.2	133.2	151.7	170.8	190.9	211.7	229.5	242.7	247.6	254.8
70°	106.9	121.3	137.8	158.0	178.5	199.5	222.7	242.0	255.9	260.6	264.4
72.5°	110.9	126.2	142.1	164.2	185.8	206.0	227.0	244.2	256.2	261.5	265.4
75°	115.2	130.3	145.3	164.8	185.4	206.1	226.4	243.2	255.3	262.2	266.5
77.5°	116.8	131.6	147.0	165.0	185.6	206.7	227.0	243.2	254.6	262.8	267.5
80°	118.5	133.7	149.2	166.2	186.6	207.9	228.6	244.0	254.3	263.1	268.5
82.5°	120.8	136.4	152.1	168.4	188.3	209.8	231.2	245.5	254.3	263.5	269.6
85°	123.6	139.9	155.6	171.6	190.8	212.3	234.6	247.6	254.6	263.8	270.7
87.5°	127.1	144.1	159.8	175.6	194.0	215.6	238.6	250.1	255.1	264.2	272.0
90°	131.4	149.0	164.7	180.4	198.0	219.6	243.1	252.9	255.9	264.7	273.5
92.5°	127.1	144.1	159.8	175.6	194.0	215.6	238.6	250.1	255.1	264.2	272.0
95°	123.6	139.9	155.6	171.6	190.8	212.3	234.6	247.6	254.6	263.8	270.7
97.5°	120.8	136.4	152.1	168.4	188.3	209.8	231.2	245.5	254.3	263.5	269.6
100°	118.5	133.7	149.2	166.2	186.6	207.9	228.6	244.0	254.3	263.1	268.5
102.5°	116.8	131.6	147.0	165.0	185.6	206.7	227.0	243.2	254.6	262.8	267.5
105°	115.2	130.3	145.3	164.8	185.4	206.1	226.4	243.2	255.3	262.2	266.5
107.5°	110.9	126.2	142.1	164.2	185.8	206.0	227.0	244.2	256.2	261.5	265.4
110°	106.9	121.3	137.8	158.0	178.5	199.5	222.7	242.0	255.9	260.6	264.4



TEST NUMBER: P231989

CATALOG NUMBER: FVS4WM-4-LD4-35-2HI-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
112.5°	103.1	116.2	133.2	151.7	170.8	190.9	211.7	229.5	242.7	247.6	254.8
115°	98.6	111.9	128.1	145.1	162.8	182.0	200.7	216.6	228.2	234.6	243.2
117.5°	94.0	107.5	122.4	138.2	154.8	172.9	189.8	204.3	214.5	222.8	233.5
120°	89.6	102.3	116.2	130.9	146.7	163.1	178.7	192.4	201.7	211.7	224.5
122.5°	84.5	96.5	109.4	123.1	138.0	153.1	167.5	180.2	189.9	201.4	216.2
125°	84.2	92.5	101.9	115.0	128.8	143.0	156.8	168.6	179.9	192.6	208.6
127.5°	84.3	91.9	100.3	109.4	119.5	133.1	146.5	158.1	170.9	185.6	201.7
130°	83.7	91.0	98.9	107.6	117.1	127.6	138.0	149.6	163.1	179.4	195.4
132.5°	82.7	89.7	97.1	105.2	114.2	123.6	133.1	144.6	158.0	173.6	189.5
135°	81.2	87.6	94.5	102.3	110.4	118.8	128.5	139.3	152.7	166.6	181.1
137.5°	78.8	84.7	91.3	98.4	105.8	114.1	123.4	134.4	146.3	158.8	172.6
140°	75.4	81.1	87.2	93.8	101.0	109.1	118.2	128.3	139.0	150.3	163.2
142.5°	71.1	76.6	82.4	88.8	95.9	103.6	112.1	121.1	130.6	141.3	152.6
145°	66.1	71.4	77.2	83.4	90.0	97.1	104.7	112.8	121.6	131.1	140.7
147.5°	61.0	65.9	71.3	76.9	82.8	89.3	96.1	103.5	111.3	119.3	127.5
150°	57.9	61.1	64.3	68.8	74.4	80.2	86.3	92.8	99.4	106.0	112.6
152.5°	54.1	57.1	60.3	63.5	66.7	69.8	75.0	80.2	85.5	90.9	96.2
155°	50.4	53.4	56.3	59.2	62.1	65.0	67.4	69.8	72.1	74.4	78.6
157.5°	46.8	49.5	52.1	54.8	57.1	59.4	61.6	63.7	65.8	67.8	69.7
160°	43.0	45.3	47.5	49.6	51.7	53.7	55.6	57.4	59.3	61.1	62.8
162.5°	38.5	40.5	42.4	44.2	46.0	47.7	49.4	51.1	52.8	54.4	55.9
165°	33.7	35.3	36.9	38.5	40.1	41.8	43.3	44.8	46.2	47.5	48.7
167.5°	28.7	30.3	31.7	33.2	34.6	36.0	37.2	38.3	39.4	40.4	41.4
170°	24.3	25.5	26.6	27.6	28.7	29.7	30.6	31.6	32.4	33.2	33.9
172.5°	19.2	20.1	20.9	21.7	22.5	23.2	23.8	24.4	25.0	25.5	26.0
175°	13.6	14.2	14.7	15.2	15.6	16.1	16.5	16.9	17.3	17.8	18.3
177.5°	8.0	8.3	8.6	9.0	9.3	9.6	9.8	10.1	10.4	10.6	10.9
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: P231989

CATALOG NUMBER: FVS4WM-4-LD4-35-2HI-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
0°	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
2.5°	11.1	11.3	11.5	11.7	11.8	12.0	12.1	12.2	12.3	12.4	13.8
5°	18.8	19.3	19.7	20.1	20.5	20.8	21.1	21.4	21.6	21.9	24.7
7.5°	26.5	26.9	27.5	28.2	28.8	29.4	30.0	30.5	30.9	31.3	35.5
10°	34.5	35.1	35.6	36.1	36.9	37.8	38.7	39.5	40.2	40.8	46.2
12.5°	42.3	43.1	43.8	44.5	45.0	46.0	47.2	48.3	49.3	50.3	56.9
15°	49.9	51.0	51.8	52.7	53.5	54.2	55.6	57.1	58.5	59.8	67.4
17.5°	57.2	58.5	59.7	60.8	61.7	62.6	63.8	65.7	67.5	69.2	77.9
20°	64.5	66.0	67.4	68.8	69.9	71.0	72.0	74.3	76.6	78.7	88.3
22.5°	71.6	73.4	75.0	76.5	78.0	79.3	80.5	82.7	85.5	88.2	98.7
25°	82.9	87.1	91.1	94.9	98.5	102.0	105.1	108.6	112.8	116.6	128.1
27.5°	101.4	106.7	111.9	116.8	121.6	126.1	130.5	134.8	140.2	145.1	157.8
30°	118.9	125.2	131.6	137.9	143.9	149.6	155.4	160.8	167.4	173.5	187.5
32.5°	135.3	142.8	150.4	158.1	165.6	172.6	179.8	186.7	194.5	201.9	217.1
35°	150.6	159.6	168.3	177.6	186.6	195.2	203.8	212.4	221.5	230.4	246.8
37.5°	164.2	175.5	185.7	196.3	207.4	217.3	227.4	237.8	248.4	258.8	276.4
40°	176.5	190.3	202.3	214.2	226.8	238.9	250.6	262.9	275.2	287.2	306.0
42.5°	187.7	203.5	218.2	232.1	246.0	260.1	274.0	287.8	301.9	315.7	335.7
45°	198.0	215.8	233.6	248.7	264.7	280.9	296.3	312.5	328.5	344.1	365.3
47.5°	207.1	225.0	243.1	258.2	273.3	289.3	305.3	323.0	341.5	360.2	384.9
50°	211.7	229.2	247.1	263.1	278.2	294.9	312.7	332.6	354.2	376.3	404.6
52.5°	217.5	234.4	251.8	268.4	283.2	300.7	320.0	342.0	366.7	392.5	424.4
55°	224.4	240.5	257.1	274.0	288.7	306.5	327.0	351.2	379.0	408.6	444.4
57.5°	231.9	247.4	263.1	279.8	294.6	312.4	334.0	360.2	391.2	424.7	464.4
60°	239.9	255.1	270.3	285.8	300.8	318.5	340.9	369.1	403.4	440.8	484.5
62.5°	248.4	263.5	277.3	292.4	307.2	324.6	347.7	377.8	415.4	457.0	504.7
65°	257.6	272.3	285.5	299.4	313.9	330.9	354.4	386.5	427.4	473.1	525.0
67.5°	267.3	281.5	294.2	306.8	320.8	337.3	361.2	395.1	439.3	489.2	545.2
70°	273.5	285.5	296.6	307.2	319.8	335.4	359.0	392.7	437.3	489.7	548.6
72.5°	273.5	284.6	295.2	305.0	317.1	332.5	356.4	390.2	435.1	490.3	551.8
75°	274.0	284.1	294.1	303.2	314.5	329.6	353.9	387.8	433.1	490.8	557.2
77.5°	274.8	284.0	293.2	301.5	312.1	326.9	351.6	385.7	431.1	491.4	559.6
80°	276.0	284.2	292.5	300.1	309.8	324.3	349.5	383.7	429.2	491.9	562.0
82.5°	277.5	284.7	292.0	298.9	307.6	321.9	347.6	381.9	427.3	492.5	564.4
85°	279.3	285.4	291.6	297.8	305.6	319.6	345.9	380.2	425.6	493.0	566.8
87.5°	281.2	286.3	291.4	296.9	303.7	317.6	344.4	378.8	424.0	493.6	569.2
90°	283.3	287.3	291.2	296.1	302.0	315.7	343.1	377.5	422.5	494.1	571.6
92.5°	281.2	286.3	291.4	296.9	303.7	317.6	344.4	378.8	424.0	493.6	569.2
95°	279.3	285.4	291.6	297.8	305.6	319.6	345.9	380.2	425.6	493.0	566.8
97.5°	277.5	284.7	292.0	298.9	307.6	321.9	347.6	381.9	427.3	492.5	564.4
100°	276.0	284.2	292.5	300.1	309.8	324.3	349.5	383.7	429.2	491.9	562.0
102.5°	274.8	284.0	293.2	301.5	312.1	326.9	351.6	385.7	431.1	491.4	559.6
105°	274.0	284.1	294.1	303.2	314.5	329.6	353.9	387.8	433.1	490.8	557.2
107.5°	273.5	284.6	295.2	305.0	317.1	332.5	356.4	390.2	435.1	490.3	551.8
110°	273.5	285.5	296.6	307.2	319.8	335.4	359.0	392.7	437.3	489.7	548.6





TEST NUMBER: P231989

CATALOG NUMBER: FVS4WM-4-LD4-35-2HI-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°	267.3	281.5	294.2	306.8	320.8	337.3	361.2	395.1	439.3	489.2	545.2
115°	257.6	272.3	285.5	299.4	313.9	330.9	354.4	386.5	427.4	473.1	525.0
117.5°	248.4	263.5	277.3	292.4	307.2	324.6	347.7	377.8	415.4	457.0	504.7
120°	239.9	255.1	270.3	285.8	300.8	318.5	340.9	369.1	403.4	440.8	484.5
122.5°	231.9	247.4	263.1	279.8	294.6	312.4	334.0	360.2	391.2	424.7	464.4
125°	224.4	240.5	257.1	274.0	288.7	306.5	327.0	351.2	379.0	408.6	444.4
127.5°	217.5	234.4	251.8	268.4	283.2	300.7	320.0	342.0	366.7	392.5	424.4
130°	211.7	229.2	247.1	263.1	278.2	294.9	312.7	332.6	354.2	376.3	404.6
132.5°	207.1	225.0	243.1	258.2	273.3	289.3	305.3	323.0	341.5	360.2	384.9
135°	198.0	215.8	233.6	248.7	264.7	280.9	296.3	312.5	328.5	344.1	365.3
137.5°	187.7	203.5	218.2	232.1	246.0	260.1	274.0	287.8	301.9	315.7	335.7
140°	176.5	190.3	202.3	214.2	226.8	238.9	250.6	262.9	275.2	287.2	306.0
142.5°	164.2	175.5	185.7	196.3	207.4	217.3	227.4	237.8	248.4	258.8	276.4
145°	150.6	159.6	168.3	177.6	186.6	195.2	203.8	212.4	221.5	230.4	246.8
147.5°	135.3	142.8	150.4	158.1	165.6	172.6	179.8	186.7	194.5	201.9	217.1
150°	118.9	125.2	131.6	137.9	143.9	149.6	155.4	160.8	167.4	173.5	187.5
152.5°	101.4	106.7	111.9	116.8	121.6	126.1	130.5	134.8	140.2	145.1	157.8
155°	82.9	87.1	91.1	94.9	98.5	102.0	105.1	108.6	112.8	116.6	128.1
157.5°	71.6	73.4	75.0	76.5	78.0	79.3	80.5	82.7	85.5	88.2	98.7
160°	64.5	66.0	67.4	68.8	69.9	71.0	72.0	74.3	76.6	78.7	88.3
162.5°	57.2	58.5	59.7	60.8	61.7	62.6	63.8	65.7	67.5	69.2	77.9
165°	49.9	51.0	51.8	52.7	53.5	54.2	55.6	57.1	58.5	59.8	67.4
167.5°	42.3	43.1	43.8	44.5	45.0	46.0	47.2	48.3	49.3	50.3	56.9
170°	34.5	35.1	35.6	36.1	36.9	37.8	38.7	39.5	40.2	40.8	46.2
172.5°	26.5	26.9	27.5	28.2	28.8	29.4	30.0	30.5	30.9	31.3	35.5
175°	18.8	19.3	19.7	20.1	20.5	20.8	21.1	21.4	21.6	21.9	24.7
177.5°	11.1	11.3	11.5	11.7	11.8	12.0	12.1	12.2	12.3	12.4	13.8
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: P231989

CATALOG NUMBER: FVS4WM-4-LD4-35-2HI-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
0°	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
2.5°	15.3	16.7	18.1	19.4	20.8	22.1	23.3	24.5	25.7	26.9	28.0
5°	27.5	30.3	33.0	35.6	38.2	40.8	43.2	45.6	48.0	50.2	52.4
7.5°	39.6	43.6	47.6	51.5	55.3	59.0	62.7	66.7	70.6	74.3	78.0
10°	51.5	56.8	61.9	67.0	72.1	77.5	82.9	88.1	93.2	98.1	103.1
12.5°	63.3	69.7	76.0	82.4	89.2	95.9	102.5	108.9	114.7	120.0	125.0
15°	75.0	82.4	89.8	98.0	106.0	113.9	121.5	128.5	135.2	141.7	148.7
17.5°	86.5	94.9	103.9	113.2	122.3	131.2	139.9	148.3	156.4	164.5	172.4
20°	97.8	107.2	117.7	128.0	138.2	148.7	158.9	168.7	178.8	188.4	197.6
22.5°	109.0	119.7	131.1	142.4	154.5	166.6	178.3	190.3	201.9	213.0	223.6
25°	139.2	150.6	162.1	173.3	184.8	195.9	207.1	217.9	228.3	238.6	250.9
27.5°	170.0	182.9	195.5	207.9	220.2	232.3	244.3	255.9	267.0	277.7	285.7
30°	200.9	215.1	229.0	242.1	255.7	268.1	280.8	292.9	304.5	313.6	321.5
32.5°	231.9	247.3	261.9	275.7	289.3	303.2	316.3	328.7	339.3	348.0	352.8
35°	262.9	279.3	294.6	308.7	323.3	338.5	350.8	363.0	372.5	379.4	380.4
37.5°	293.8	311.3	326.9	341.3	356.7	371.0	384.2	395.1	405.7	406.4	406.5
40°	324.7	343.3	358.7	373.8	389.5	403.5	416.3	426.4	431.8	432.6	429.8
42.5°	355.5	374.9	390.1	405.8	421.6	435.0	446.8	457.1	457.8	456.4	452.4
45°	386.2	406.0	421.1	437.3	452.6	465.7	476.5	482.8	483.1	478.9	475.2
47.5°	410.1	434.0	454.0	474.9	492.4	505.7	514.1	511.4	506.0	500.8	497.6
50°	434.1	462.7	488.9	516.8	540.6	560.0	574.0	576.5	570.4	557.4	539.8
52.5°	458.5	492.4	525.6	560.7	591.4	617.4	636.4	646.5	646.8	636.3	621.8
55°	483.2	522.9	563.7	606.2	644.5	677.6	703.2	720.3	727.2	717.7	700.1
57.5°	508.3	554.3	603.0	653.3	699.6	740.3	773.9	798.9	807.9	798.1	774.9
60°	533.6	586.3	643.4	701.8	756.2	805.2	848.2	881.8	890.4	874.7	850.7
62.5°	559.2	618.9	684.8	751.7	814.4	872.2	925.3	968.6	974.6	948.8	922.9
65°	584.9	652.0	726.9	802.6	874.1	941.4	1004.4	1053.0	1059.9	1020.8	991.7
67.5°	610.7	685.5	769.6	854.4	934.8	1012.6	1086.0	1136.0	1135.6	1091.9	1057.4
70°	616.3	692.0	778.7	868.0	955.1	1044.4	1132.0	1191.5	1195.8	1159.2	1122.4
72.5°	620.9	695.8	782.2	871.5	958.8	1051.0	1141.3	1202.1	1212.8	1191.8	1164.7
75°	625.3	699.0	784.8	874.0	961.2	1056.8	1149.8	1214.9	1235.9	1228.3	1205.1
77.5°	629.5	701.6	786.5	875.4	962.6	1061.5	1157.1	1229.4	1264.1	1268.0	1246.1
80°	635.6	703.6	787.3	875.9	962.8	1065.1	1163.4	1244.7	1296.0	1310.3	1287.9
82.5°	638.2	706.9	790.3	875.5	961.9	1067.6	1168.3	1260.4	1330.5	1354.4	1330.3
85°	640.8	706.9	787.9	875.7	961.9	1071.7	1175.2	1279.6	1366.3	1399.6	1373.4
87.5°	643.5	706.9	785.6	872.2	957.4	1069.2	1174.9	1291.2	1403.1	1445.6	1416.9
90°	646.1	706.9	783.3	868.6	952.9	1066.7	1174.5	1302.9	1436.3	1490.2	1461.8
92.5°	643.5	706.9	785.6	872.2	957.4	1069.2	1174.9	1291.2	1403.1	1445.6	1416.9
95°	640.8	706.9	787.9	875.7	961.9	1071.7	1175.2	1279.6	1366.3	1399.6	1373.4
97.5°	638.2	706.9	790.3	875.5	961.9	1067.6	1168.3	1260.4	1330.5	1354.4	1330.3
100°	635.6	703.6	787.3	875.9	962.8	1065.1	1163.4	1244.7	1296.0	1310.3	1287.9
102.5°	629.5	701.6	786.5	875.4	962.6	1061.5	1157.1	1229.4	1264.1	1268.0	1246.1
105°	625.3	699.0	784.8	874.0	961.2	1056.8	1149.8	1214.9	1235.9	1228.3	1205.1
107.5°	620.9	695.8	782.2	871.5	958.8	1051.0	1141.3	1202.1	1212.8	1191.8	1164.7
110°	616.3	692.0	778.7	868.0	955.1	1044.4	1132.0	1191.5	1195.8	1159.2	1122.4



TEST NUMBER: P231989

CATALOG NUMBER: FVS4WM-4-LD4-35-2HI-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
112.5°	610.7	685.5	769.6	854.4	934.8	1012.6	1086.0	1136.0	1135.6	1091.9	1057.4
115°	584.9	652.0	726.9	802.6	874.1	941.4	1004.4	1053.0	1059.9	1020.8	991.7
117.5°	559.2	618.9	684.8	751.7	814.4	872.2	925.3	968.6	974.6	948.8	922.9
120°	533.6	586.3	643.4	701.8	756.2	805.2	848.2	881.8	890.4	874.7	850.7
122.5°	508.3	554.3	603.0	653.3	699.6	740.3	773.9	798.9	807.9	798.1	774.9
125°	483.2	522.9	563.7	606.2	644.5	677.6	703.2	720.3	727.2	717.7	700.1
127.5°	458.5	492.4	525.6	560.7	591.4	617.4	636.4	646.5	646.8	636.3	621.8
130°	434.1	462.7	488.9	516.8	540.6	560.0	574.0	576.5	570.4	557.4	539.8
132.5°	410.1	434.0	454.0	474.9	492.4	505.7	514.1	511.4	506.0	500.8	497.6
135°	386.2	406.0	421.1	437.3	452.6	465.7	476.5	482.8	483.1	478.9	475.2
137.5°	355.5	374.9	390.1	405.8	421.6	435.0	446.8	457.1	457.8	456.4	452.4
140°	324.7	343.3	358.7	373.8	389.5	403.5	416.3	426.4	431.8	432.6	429.8
142.5°	293.8	311.3	326.9	341.3	356.7	371.0	384.2	395.1	405.7	406.4	406.5
145°	262.9	279.3	294.6	308.7	323.3	338.5	350.8	363.0	372.5	379.4	380.4
147.5°	231.9	247.3	261.9	275.7	289.3	303.2	316.3	328.7	339.3	348.0	352.8
150°	200.9	215.1	229.0	242.1	255.7	268.1	280.8	292.9	304.5	313.6	321.5
152.5°	170.0	182.9	195.5	207.9	220.2	232.3	244.3	255.9	267.0	277.7	285.7
155°	139.2	150.6	162.1	173.3	184.8	195.9	207.1	217.9	228.3	238.6	250.9
157.5°	109.0	119.7	131.1	142.4	154.5	166.6	178.3	190.3	201.9	213.0	223.6
160°	97.8	107.2	117.7	128.0	138.2	148.7	158.9	168.7	178.8	188.4	197.6
162.5°	86.5	94.9	103.9	113.2	122.3	131.2	139.9	148.3	156.4	164.5	172.4
165°	75.0	82.4	89.8	98.0	106.0	113.9	121.5	128.5	135.2	141.7	148.7
167.5°	63.3	69.7	76.0	82.4	89.2	95.9	102.5	108.9	114.7	120.0	125.0
170°	51.5	56.8	61.9	67.0	72.1	77.5	82.9	88.1	93.2	98.1	103.1
172.5°	39.6	43.6	47.6	51.5	55.3	59.0	62.7	66.7	70.6	74.3	78.0
175°	27.5	30.3	33.0	35.6	38.2	40.8	43.2	45.6	48.0	50.2	52.4
177.5°	15.3	16.7	18.1	19.4	20.8	22.1	23.3	24.5	25.7	26.9	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: P231989

CATALOG NUMBER: FVS4WM-4-LD4-35-2HI-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
0°	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
2.5°	29.0	30.0	31.0	31.9	32.7	33.5	34.3	35.0	35.6	36.2	36.7
5°	54.7	57.0	59.1	61.2	63.1	65.0	66.7	68.3	69.8	71.1	72.3
7.5°	81.5	84.8	88.0	91.1	93.8	95.8	97.6	99.3	100.8	102.1	103.2
10°	106.6	110.2	113.5	116.6	119.5	122.2	124.6	126.9	129.0	130.9	132.6
12.5°	129.8	134.3	138.6	142.8	146.8	150.5	153.8	156.8	159.5	161.5	163.0
15°	154.1	160.0	165.6	170.8	175.6	179.5	183.0	186.0	188.6	190.7	192.4
17.5°	179.8	187.8	193.2	198.9	204.1	208.7	212.7	216.3	219.4	222.1	224.3
20°	206.2	214.1	221.5	228.0	233.5	238.6	243.1	246.8	249.5	252.1	254.4
22.5°	233.6	242.5	249.8	256.5	263.0	266.2	269.5	272.8	276.0	279.4	282.9
25°	260.8	269.5	278.8	281.6	285.2	288.9	292.0	295.3	299.2	303.6	308.7
27.5°	292.8	297.2	297.8	301.4	303.8	306.4	310.2	314.4	319.8	325.7	333.5
30°	325.5	326.1	325.8	323.2	320.4	320.6	325.5	331.2	341.2	351.4	362.4
32.5°	353.7	353.0	350.4	347.8	346.7	345.4	348.1	352.9	365.6	383.3	400.8
35°	379.9	377.0	374.7	373.6	373.9	378.3	382.3	393.6	403.9	420.4	443.3
37.5°	403.5	400.9	399.6	401.1	406.3	414.8	428.0	441.5	457.1	472.9	494.7
40°	426.6	425.0	426.4	432.2	443.4	458.4	476.5	495.3	519.6	547.6	577.3
42.5°	450.1	449.8	456.2	468.1	484.9	506.8	529.0	561.4	596.4	635.4	676.4
45°	472.7	478.6	489.1	507.5	531.9	557.7	595.2	634.1	681.7	729.8	781.0
47.5°	499.4	506.5	526.5	551.5	580.9	621.0	664.6	716.6	770.5	826.2	892.5
50°	529.5	542.0	565.1	598.3	639.0	684.8	740.5	798.1	860.6	931.7	1009.2
52.5°	609.6	610.8	624.6	649.5	698.9	754.3	814.1	878.9	953.5	1038.5	1133.7
55°	690.1	691.1	705.9	734.0	774.4	822.8	883.3	960.4	1048.3	1149.6	1250.8
57.5°	765.6	767.8	784.0	814.2	858.2	908.1	968.7	1042.4	1146.4	1250.8	1358.8
60°	837.7	837.9	858.1	892.2	936.4	988.3	1056.8	1148.3	1244.0	1340.8	1460.4
62.5°	908.1	908.0	927.5	963.0	1008.5	1068.1	1147.1	1243.6	1340.9	1446.3	1563.4
65°	973.4	975.0	995.5	1030.1	1076.4	1139.5	1231.8	1329.7	1433.5	1546.0	1672.8
67.5°	1034.3	1037.3	1057.7	1092.6	1142.4	1213.7	1307.9	1407.8	1517.7	1636.0	1783.9
70°	1095.3	1096.2	1114.6	1149.9	1201.5	1281.5	1377.1	1481.4	1592.0	1714.9	1886.0
72.5°	1146.1	1150.7	1169.4	1204.3	1255.6	1344.8	1438.9	1546.0	1651.6	1792.9	1959.8
75°	1192.1	1199.4	1218.2	1248.7	1300.0	1384.8	1488.7	1600.2	1696.9	1854.7	2022.4
77.5°	1238.2	1246.8	1263.0	1285.6	1331.7	1411.4	1514.8	1625.3	1745.7	1903.6	2075.0
80°	1284.3	1293.0	1304.6	1316.4	1354.6	1430.5	1534.5	1647.3	1782.0	1943.9	2131.3
82.5°	1330.2	1338.3	1343.6	1342.5	1370.3	1443.0	1547.8	1666.0	1807.3	1974.6	2174.3
85°	1376.1	1382.9	1380.8	1365.4	1380.7	1449.7	1555.1	1680.3	1822.3	1995.1	2203.3
87.5°	1422.0	1427.0	1416.8	1386.1	1387.6	1453.1	1559.2	1692.9	1831.6	2010.5	2225.1
90°	1467.6	1470.6	1452.9	1407.8	1393.1	1450.0	1552.9	1692.2	1824.5	2003.9	2217.6
92.5°	1422.0	1427.0	1416.8	1386.1	1387.6	1453.1	1559.2	1692.9	1831.6	2010.5	2225.1
95°	1376.1	1382.9	1380.8	1365.4	1380.7	1449.7	1555.1	1680.3	1822.3	1995.1	2203.3
97.5°	1330.2	1338.3	1343.6	1342.5	1370.3	1443.0	1547.8	1666.0	1807.3	1974.6	2174.3
100°	1284.3	1293.0	1304.6	1316.4	1354.6	1430.5	1534.5	1647.3	1782.0	1943.9	2131.3
102.5°	1238.2	1246.8	1263.0	1285.6	1331.7	1411.4	1514.8	1625.3	1745.7	1903.6	2075.0
105°	1192.1	1199.4	1218.2	1248.7	1300.0	1384.8	1488.7	1600.2	1696.9	1854.7	2022.4
107.5°	1146.1	1150.7	1169.4	1204.3	1255.6	1344.8	1438.9	1546.0	1651.6	1792.9	1959.8
110°	1095.3	1096.2	1114.6	1149.9	1201.5	1281.5	1377.1	1481.4	1592.0	1714.9	1886.0



TEST NUMBER: P231989

CATALOG NUMBER: FVS4WM-4-LD4-35-2HI-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°	1034.3	1037.3	1057.7	1092.6	1142.4	1213.7	1307.9	1407.8	1517.7	1636.0	1783.9
115°	973.4	975.0	995.5	1030.1	1076.4	1139.5	1231.8	1329.7	1433.5	1546.0	1672.8
117.5°	908.1	908.0	927.5	963.0	1008.5	1068.1	1147.1	1243.6	1340.9	1446.3	1563.4
120°	837.7	837.9	858.1	892.2	936.4	988.3	1056.8	1148.3	1244.0	1340.8	1460.4
122.5°	765.6	767.8	784.0	814.2	858.2	908.1	968.7	1042.4	1146.4	1250.8	1358.8
125°	690.1	691.1	705.9	734.0	774.4	822.8	883.3	960.4	1048.3	1149.6	1250.8
127.5°	609.6	610.8	624.6	649.5	698.9	754.3	814.1	878.9	953.5	1038.5	1133.7
130°	529.5	542.0	565.1	598.3	639.0	684.8	740.5	798.1	860.6	931.7	1009.2
132.5°	499.4	506.5	526.5	551.5	580.9	621.0	664.6	716.6	770.5	826.2	892.5
135°	472.7	478.6	489.1	507.5	531.9	557.7	595.2	634.1	681.7	729.8	781.0
137.5°	450.1	449.8	456.2	468.1	484.9	506.8	529.0	561.4	596.4	635.4	676.4
140°	426.6	425.0	426.4	432.2	443.4	458.4	476.5	495.3	519.6	547.6	577.3
142.5°	403.5	400.9	399.6	401.1	406.3	414.8	428.0	441.5	457.1	472.9	494.7
145°	379.9	377.0	374.7	373.6	373.9	378.3	382.3	393.6	403.9	420.4	443.3
147.5°	353.7	353.0	350.4	347.8	346.7	345.4	348.1	352.9	365.6	383.3	400.8
150°	325.5	326.1	325.8	323.2	320.4	320.6	325.5	331.2	341.2	351.4	362.4
152.5°	292.8	297.2	297.8	301.4	303.8	306.4	310.2	314.4	319.8	325.7	333.5
155°	260.8	269.5	278.8	281.6	285.2	288.9	292.0	295.3	299.2	303.6	308.7
157.5°	233.6	242.5	249.8	256.5	263.0	266.2	269.5	272.8	276.0	279.4	282.9
160°	206.2	214.1	221.5	228.0	233.5	238.6	243.1	246.8	249.5	252.1	254.4
162.5°	179.8	187.8	193.2	198.9	204.1	208.7	212.7	216.3	219.4	222.1	224.3
165°	154.1	160.0	165.6	170.8	175.6	179.5	183.0	186.0	188.6	190.7	192.4
167.5°	129.8	134.3	138.6	142.8	146.8	150.5	153.8	156.8	159.5	161.5	163.0
170°	106.6	110.2	113.5	116.6	119.5	122.2	124.6	126.9	129.0	130.9	132.6
172.5°	81.5	84.8	88.0	91.1	93.8	95.8	97.6	99.3	100.8	102.1	103.2
175°	54.7	57.0	59.1	61.2	63.1	65.0	66.7	68.3	69.8	71.1	72.3
177.5°	29.0	30.0	31.0	31.9	32.7	33.5	34.3	35.0	35.6	36.2	36.7
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: P231989

CATALOG NUMBER: FVS4WM-4-LD4-35-2HI-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
0°	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
2.5°	37.1	37.5	37.8	38.0	38.2	38.3	39.6	39.2	38.8	38.4	38.1
5°	73.4	74.4	75.2	75.9	76.4	76.8	77.0	77.2	78.3	77.6	76.9
7.5°	104.2	104.9	105.5	106.0	106.2	106.3	106.2	105.9	105.4	105.5	104.3
10°	134.0	135.1	135.9	136.5	136.8	136.9	136.7	136.3	135.6	135.6	133.9
12.5°	164.1	164.9	165.4	165.5	165.3	164.8	163.9	162.8	161.3	159.6	158.1
15°	193.9	195.1	195.8	196.2	196.2	195.8	195.0	193.8	192.3	190.3	188.8
17.5°	226.1	227.4	228.5	229.4	229.9	230.1	230.0	229.5	228.6	227.3	226.6
20°	256.6	258.9	261.4	263.7	265.9	267.9	269.6	270.9	271.7	272.1	273.4
22.5°	286.6	290.3	294.3	298.2	301.9	305.4	308.5	311.3	313.6	315.4	318.1
25°	314.0	319.3	324.8	331.6	338.1	344.1	349.5	354.5	358.7	362.2	364.9
27.5°	342.4	351.2	359.8	369.9	380.9	391.2	400.6	409.0	416.3	422.5	427.5
30°	376.5	391.4	405.7	419.5	435.5	450.5	464.6	477.5	489.0	499.1	507.5
32.5°	419.0	439.3	459.3	478.8	500.6	522.8	543.2	561.4	577.5	591.3	602.7
35°	466.3	495.6	525.8	554.4	582.7	614.1	642.6	668.2	690.5	709.6	725.1
37.5°	530.7	567.5	610.2	650.4	688.1	725.6	760.1	790.6	817.1	839.5	857.5
40°	613.1	659.3	709.9	758.8	804.2	848.0	888.7	923.1	951.5	974.0	990.9
42.5°	720.7	764.7	820.6	882.8	938.1	987.2	1032.9	1070.8	1100.9	1123.7	1139.3
45°	834.2	896.7	957.2	1026.8	1090.8	1152.4	1196.9	1239.8	1273.7	1298.8	1315.3
47.5°	961.9	1037.8	1113.5	1188.4	1261.6	1325.2	1385.3	1440.1	1484.5	1518.3	1541.2
50°	1096.8	1183.3	1271.7	1359.0	1454.4	1534.5	1606.6	1673.2	1728.3	1771.2	1801.4
52.5°	1229.4	1326.0	1432.4	1541.6	1656.2	1762.1	1847.0	1928.5	2001.8	2064.6	2114.8
55°	1354.8	1471.0	1593.5	1724.9	1856.5	1986.7	2095.0	2181.6	2259.5	2329.7	2389.7
57.5°	1478.6	1611.7	1752.8	1903.3	2058.9	2177.5	2291.7	2386.8	2474.5	2556.5	2629.7
60°	1597.1	1746.0	1910.7	2067.7	2211.2	2338.4	2452.0	2557.9	2654.9	2743.3	2821.2
62.5°	1706.4	1881.0	2051.0	2211.8	2349.2	2478.0	2594.6	2706.9	2801.3	2889.2	2968.0
65°	1833.2	2000.8	2176.2	2328.2	2466.9	2597.3	2712.5	2818.9	2922.1	3015.1	3093.0
67.5°	1951.6	2123.7	2278.0	2423.9	2563.1	2690.4	2813.9	2933.7	3041.4	3128.7	3202.7
70°	2052.2	2223.6	2375.2	2507.4	2638.5	2776.0	2909.2	3027.3	3139.1	3239.0	3311.6
72.5°	2136.5	2312.3	2455.6	2587.0	2716.7	2848.8	2981.1	3110.0	3241.4	3345.4	3404.7
75°	2212.0	2376.3	2518.9	2655.1	2790.9	2916.5	3040.9	3173.3	3294.2	3410.3	3480.9
77.5°	2273.6	2429.6	2569.0	2710.2	2845.9	2976.1	3097.8	3203.7	3344.3	3461.9	3541.1
80°	2317.0	2467.3	2606.1	2749.0	2886.9	3024.7	3141.5	3263.6	3394.1	3510.7	3569.3
82.5°	2352.9	2500.1	2641.4	2780.0	2913.8	3047.1	3174.1	3301.1	3441.7	3534.4	3590.8
85°	2377.8	2520.5	2664.0	2801.4	2934.3	3073.5	3191.5	3317.6	3453.2	3552.9	3605.4
87.5°	2397.3	2528.4	2673.2	2807.6	2938.0	3088.0	3201.9	3335.7	3470.8	3571.6	3611.3
90°	2391.2	2524.5	2668.6	2799.0	2925.5	3084.3	3194.1	3326.5	3468.6	3575.5	3600.0
92.5°	2397.3	2528.4	2673.2	2807.6	2938.0	3088.0	3201.9	3335.7	3470.8	3571.6	3611.3
95°	2377.8	2520.5	2664.0	2801.4	2934.3	3073.5	3191.5	3317.6	3453.2	3552.9	3605.4
97.5°	2352.9	2500.1	2641.4	2780.0	2913.8	3047.1	3174.1	3301.1	3441.7	3534.4	3590.8
100°	2317.0	2467.3	2606.1	2749.0	2886.9	3024.7	3141.5	3263.6	3394.1	3510.7	3569.3
102.5°	2273.6	2429.6	2569.0	2710.2	2845.9	2976.1	3097.8	3203.7	3344.3	3461.9	3541.1
105°	2212.0	2376.3	2518.9	2655.1	2790.9	2916.5	3040.9	3173.3	3294.2	3410.3	3480.9
107.5°	2136.5	2312.3	2455.6	2587.0	2716.7	2848.8	2981.1	3110.0	3241.4	3345.4	3404.7
110°	2052.2	2223.6	2375.2	2507.4	2638.5	2776.0	2909.2	3027.3	3139.1	3239.0	3311.6



TEST NUMBER: P231989

CATALOG NUMBER: FVS4WM-4-LD4-35-2HI-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
112.5°	1951.6	2123.7	2278.0	2423.9	2563.1	2690.4	2813.9	2933.7	3041.4	3128.7	3202.7
115°	1833.2	2000.8	2176.2	2328.2	2466.9	2597.3	2712.5	2818.9	2922.1	3015.1	3093.0
117.5°	1706.4	1881.0	2051.0	2211.8	2349.2	2478.0	2594.6	2706.9	2801.3	2889.2	2968.0
120°	1597.1	1746.0	1910.7	2067.7	2211.2	2338.4	2452.0	2557.9	2654.9	2743.3	2821.2
122.5°	1478.6	1611.7	1752.8	1903.3	2058.9	2177.5	2291.7	2386.8	2474.5	2556.5	2629.7
125°	1354.8	1471.0	1593.5	1724.9	1856.5	1986.7	2095.0	2181.6	2259.5	2329.7	2389.7
127.5°	1229.4	1326.0	1432.4	1541.6	1656.2	1762.1	1847.0	1928.5	2001.8	2064.6	2114.8
130°	1096.8	1183.3	1271.7	1359.0	1454.4	1534.5	1606.6	1673.2	1728.3	1771.2	1801.4
132.5°	961.9	1037.8	1113.5	1188.4	1261.6	1325.2	1385.3	1440.1	1484.5	1518.3	1541.2
135°	834.2	896.7	957.2	1026.8	1090.8	1152.4	1196.9	1239.8	1273.7	1298.8	1315.3
137.5°	720.7	764.7	820.6	882.8	938.1	987.2	1032.9	1070.8	1100.9	1123.7	1139.3
140°	613.1	659.3	709.9	758.8	804.2	848.0	888.7	923.1	951.5	974.0	990.9
142.5°	530.7	567.5	610.2	650.4	688.1	725.6	760.1	790.6	817.1	839.5	857.5
145°	466.3	495.6	525.8	554.4	582.7	614.1	642.6	668.2	690.5	709.6	725.1
147.5°	419.0	439.3	459.3	478.8	500.6	522.8	543.2	561.4	577.5	591.3	602.7
150°	376.5	391.4	405.7	419.5	435.5	450.5	464.6	477.5	489.0	499.1	507.5
152.5°	342.4	351.2	359.8	369.9	380.9	391.2	400.6	409.0	416.3	422.5	427.5
155°	314.0	319.3	324.8	331.6	338.1	344.1	349.5	354.5	358.7	362.2	364.9
157.5°	286.6	290.3	294.3	298.2	301.9	305.4	308.5	311.3	313.6	315.4	318.1
160°	256.6	258.9	261.4	263.7	265.9	267.9	269.6	270.9	271.7	272.1	273.4
162.5°	226.1	227.4	228.5	229.4	229.9	230.1	230.0	229.5	228.6	227.3	226.6
165°	193.9	195.1	195.8	196.2	196.2	195.8	195.0	193.8	192.3	190.3	188.8
167.5°	164.1	164.9	165.4	165.5	165.3	164.8	163.9	162.8	161.3	159.6	158.1
170°	134.0	135.1	135.9	136.5	136.8	136.9	136.7	136.3	135.6	135.6	133.9
172.5°	104.2	104.9	105.5	106.0	106.2	106.3	106.2	105.9	105.4	105.5	104.3
175°	73.4	74.4	75.2	75.9	76.4	76.8	77.0	77.2	78.3	77.6	76.9
177.5°	37.1	37.5	37.8	38.0	38.2	38.3	39.6	39.2	38.8	38.4	38.1
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: P231989

CATALOG NUMBER: FVS4WM-4-LD4-35-2HI-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	357.5°	360°
0°	2.9	2.9
2.5°	37.7	37.3
5°	76.2	75.5
7.5°	103.2	102.0
10°	132.1	130.4
12.5°	155.5	152.9
15°	185.6	182.4
17.5°	223.6	220.6
20°	271.5	269.6
22.5°	317.4	316.7
25°	367.2	367.6
27.5°	431.8	433.3
30°	515.1	518.6
32.5°	612.8	617.6
35°	738.9	745.1
37.5°	873.5	880.4
40°	1004.8	1008.8
42.5°	1151.2	1151.0
45°	1327.2	1323.5
47.5°	1558.5	1553.9
50°	1825.2	1821.6
52.5°	2159.4	2167.6
55°	2445.5	2467.6
57.5°	2699.9	2737.3
60°	2894.6	2939.2
62.5°	3036.4	3093.1
65°	3156.8	3207.8
67.5°	3263.8	3312.7
70°	3364.6	3402.0
72.5°	3446.3	3473.5
75°	3509.7	3523.5
77.5°	3570.0	3589.2
80°	3598.6	3613.7
82.5°	3628.7	3648.0
85°	3638.6	3654.9
87.5°	3629.8	3669.6
90°	3626.5	3653.9
92.5°	3629.8	3669.6
95°	3638.6	3654.9
97.5°	3628.7	3648.0
100°	3598.6	3613.7
102.5°	3570.0	3589.2
105°	3509.7	3523.5
107.5°	3446.3	3473.5
110°	3364.6	3402.0





TEST NUMBER: P231989

CATALOG NUMBER: FVS4WM-4-LD4-35-2HI-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	357.5°	360°
112.5°	3263.8	3312.7
115°	3156.8	3207.8
117.5°	3036.4	3093.1
120°	2894.6	2939.2
122.5°	2699.9	2737.3
125°	2445.5	2467.6
127.5°	2159.4	2167.6
130°	1825.2	1821.6
132.5°	1558.5	1553.9
135°	1327.2	1323.5
137.5°	1151.2	1151.0
140°	1004.8	1008.8
142.5°	873.5	880.4
145°	738.9	745.1
147.5°	612.8	617.6
150°	515.1	518.6
152.5°	431.8	433.3
155°	367.2	367.6
157.5°	317.4	316.7
160°	271.5	269.6
162.5°	223.6	220.6
165°	185.6	182.4
167.5°	155.5	152.9
170°	132.1	130.4
172.5°	103.2	102.0
175°	76.2	75.5
177.5°	37.7	37.3
180°	2.0	2.0

(END OF REPORT)