

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: P232061

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

Issue Date: 3/3/2020



**Test Information**

Test Method: LM-79-08  
Report Number: P232061  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1706-121-28)  
Test Lab: INNOVATION CENTER(G3)  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: FAIL-SAFE  
Catalog Number: FVS4WM-3-LD4-35-2HI-P125-UNV-EDC1  
Description: FAILSAFE FVS LED FIXTURE  
3FT LENGTH, 2-MODULE LED WITH P125 LENS  
Light Source: (168) 3500K CCT, 80 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

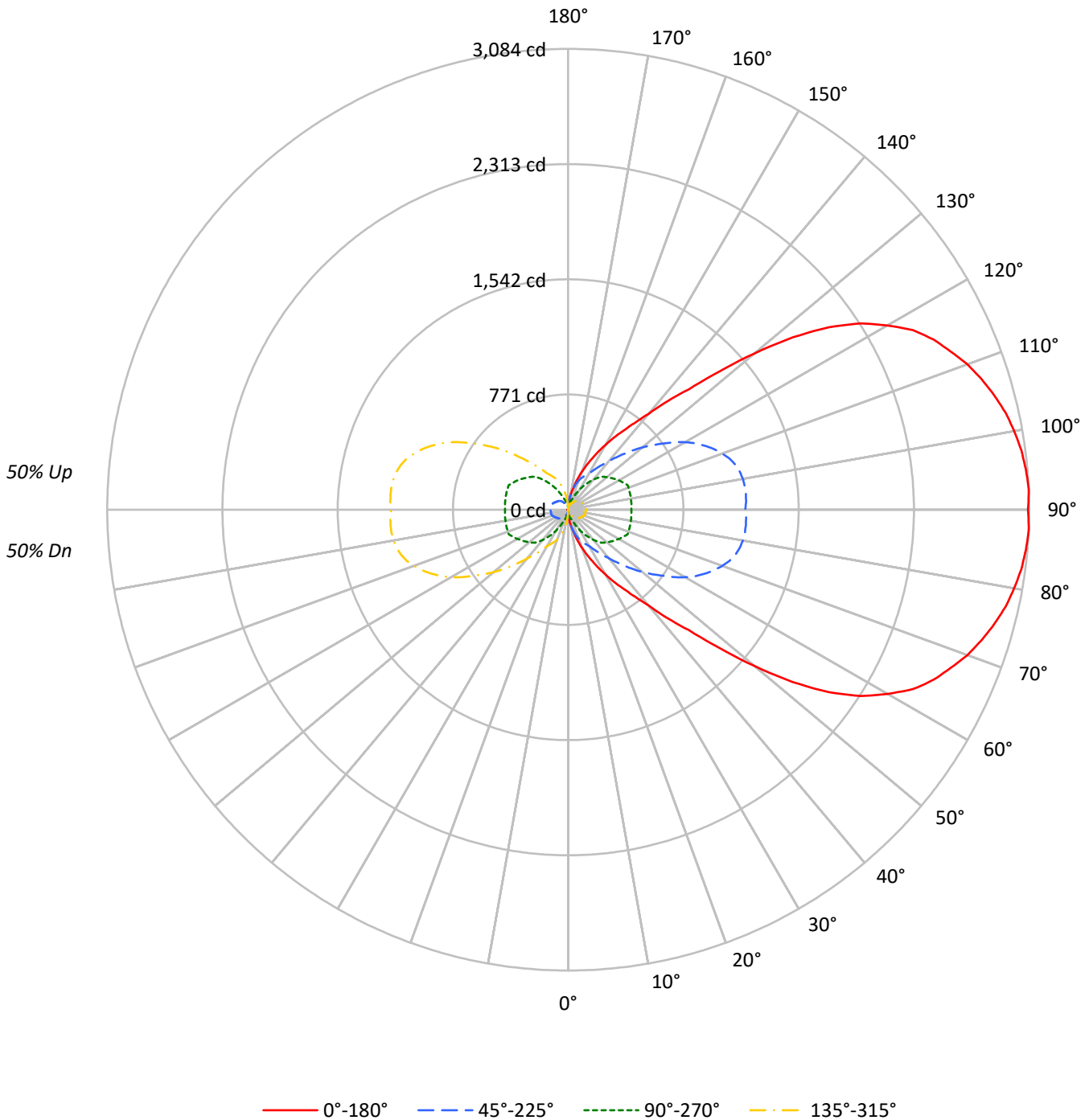
Lumens per Lamp: N/A  
Luminaire Lumens: 7269.8 lumens  
Efficiency: N/A  
Efficacy: 101.4 lumens/watt  
Spacing Criteria (0/90/45): 22.99 / 14.9 / 15.53  
Luminous Opening: Rectangular w/ Sides (W: 2.92' x L: 0.19' x H: 0.31')  
CIE Type: General Diffuse

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





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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°	39	39	39	39
5°	1048	397	17	397
10°	1727	757	15	757
15°	2555	1127	14	1127
20°	3541	1516	13	1516
25°	4601	2269	12	2269
30°	5826	3435	23	3435
35°	7153	4721	22	4721
40°	8991	6176	21	6176
45°	11882	7864	21	7864
50°	16679	9202	21	9202
55°	21608	10866	20	10866
60°	24974	12989	29	12989
65°	27442	15804	30	15804
70°	29318	19096	30	19096
75°	31094	23240	31	23240
80°	32854	30042	0	30042
85°	34620	43072	0	43072



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	3.8	0.1
10°-20°	26.0	0.4
20°-30°	72.2	1.0
30°-40°	156.4	2.2
40°-50°	300.9	4.1
50°-60°	517.4	7.1
60°-70°	731.2	10.1
70°-80°	877.8	12.1
80°-90°	949.1	13.1
90°-100°	949.1	13.1
100°-110°	877.8	12.1
110°-120°	731.2	10.1
120°-130°	517.4	7.1
130°-140°	300.9	4.1
140°-150°	156.4	2.2
150°-160°	72.2	1.0
160°-170°	26.0	0.4
170°-180°	3.8	0.1
0°-30°	102.1	1.4
0°-40°	258.5	3.6
0°-60°	1076.8	14.8
0°-90°	3634.9	50.0
90°-120°	2558.1	35.2
90°-150°	3532.8	48.6
90°-180°	3635.0	50.0
0°-180°	7269.8	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	2	2	2	2	2	
5°	61	20	1	20	61	7
15°	181	57	1	57	181	55
25°	376	110	1	110	376	180
35°	645	211	2	211	645	416
45°	1138	313	2	313	1138	922
55°	2128	365	2	365	2128	1889
65°	2695	417	3	417	2695	2662
75°	2952	428	3	428	2952	3118
85°	3074	424	0	424	3074	2502
90°	3077	423	0	423	3077	1689
95°	3074	424	0	424	3074	2502
105°	2952	428	3	428	2952	3118
115°	2695	417	3	417	2695	2662
125°	2128	365	2	365	2128	1889
135°	1138	313	2	313	1138	922
145°	645	211	2	211	645	416
155°	376	110	1	110	376	180
165°	181	57	1	57	181	55
175°	61	20	1	20	61	7
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°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
2.5°	28.4	28.8	29.2	29.6	30.0	30.3	30.7	29.9	29.9	29.8	29.7
5°	60.8	61.6	62.3	63.1	63.9	63.1	63.2	63.1	62.9	62.6	62.2
7.5°	88.2	89.4	90.7	91.9	91.9	92.4	92.7	92.9	92.9	92.7	92.3
10°	111.8	113.6	115.4	117.2	117.5	118.4	119.1	119.6	119.9	120.0	119.8
12.5°	138.2	140.4	142.6	143.6	144.9	146.0	146.7	147.2	147.5	147.5	147.2
15°	181.4	183.1	184.8	184.3	184.5	184.2	183.6	182.7	181.4	180.0	178.3
17.5°	225.5	226.4	227.2	225.6	224.6	223.2	221.4	219.3	216.9	214.2	211.4
20°	271.6	271.6	271.6	268.5	266.3	263.5	260.2	256.5	252.4	247.9	243.2
22.5°	321.6	320.6	319.6	314.8	311.0	306.6	301.5	295.9	289.8	283.3	276.4
25°	376.5	374.3	370.0	365.2	359.6	353.2	346.0	338.1	329.7	320.7	311.3
27.5°	439.2	435.7	429.5	422.8	414.9	405.9	395.9	385.0	373.2	360.8	348.7
30°	503.0	499.6	493.0	485.5	476.4	465.6	453.2	439.2	423.6	406.4	391.2
32.5°	573.6	571.3	564.9	557.4	547.6	535.5	521.0	504.1	484.7	464.3	444.0
35°	645.1	644.7	639.7	633.3	624.2	612.2	597.3	579.3	558.2	535.1	509.5
37.5°	732.4	734.7	730.9	725.0	715.5	702.1	684.7	663.1	638.1	613.1	584.6
40°	839.3	843.9	840.3	834.4	824.0	808.9	789.1	764.6	736.8	705.8	670.0
42.5°	985.3	990.6	984.2	974.8	959.5	938.5	911.8	879.7	848.0	812.2	771.2
45°	1138.3	1146.1	1140.3	1130.6	1113.5	1089.0	1057.1	1024.0	977.9	931.9	882.1
47.5°	1362.8	1369.0	1354.2	1334.9	1306.1	1268.4	1222.4	1173.8	1124.6	1067.2	1006.4
50°	1626.6	1624.8	1597.4	1565.8	1524.9	1476.2	1421.1	1360.7	1293.4	1210.2	1136.5
52.5°	1894.2	1883.4	1844.4	1801.0	1747.5	1685.7	1617.3	1546.2	1462.4	1368.5	1272.9
55°	2128.5	2107.1	2059.1	2007.9	1948.4	1882.8	1810.1	1722.0	1618.7	1513.9	1409.0
57.5°	2320.7	2290.7	2236.5	2179.2	2114.1	2043.1	1964.3	1875.7	1785.0	1659.4	1534.7
60°	2465.8	2432.3	2377.5	2318.7	2251.2	2176.0	2092.3	2004.4	1907.3	1797.4	1671.1
62.5°	2601.1	2555.1	2499.3	2435.6	2365.4	2291.3	2202.6	2112.0	2013.9	1912.0	1789.3
65°	2695.2	2653.0	2600.7	2537.4	2462.7	2380.9	2295.0	2201.1	2101.0	1997.0	1887.4
67.5°	2768.8	2729.7	2681.6	2623.6	2555.2	2470.4	2376.9	2278.5	2172.0	2065.1	1958.1
70°	2842.3	2810.1	2765.7	2706.8	2630.7	2545.4	2449.4	2345.8	2238.3	2126.8	2028.0
72.5°	2901.1	2874.8	2837.6	2787.9	2714.1	2616.0	2515.7	2402.2	2297.6	2195.7	2089.2
75°	2952.1	2937.4	2907.9	2847.3	2761.0	2672.5	2571.3	2464.3	2350.3	2247.1	2141.1
77.5°	2997.2	2986.0	2964.4	2901.3	2809.8	2706.2	2616.7	2510.8	2395.4	2283.5	2178.9
80°	3029.6	3017.2	2993.6	2943.5	2852.3	2749.7	2649.0	2549.9	2424.4	2309.3	2202.6
82.5°	3057.0	3039.4	3018.4	2973.5	2889.2	2778.2	2672.2	2564.1	2446.2	2331.7	2226.6
85°	3073.7	3052.8	3045.2	2989.7	2900.7	2790.9	2684.2	2579.9	2466.1	2349.1	2239.8
87.5°	3084.5	3067.6	3042.4	2998.7	2910.4	2801.4	2688.8	2582.6	2469.6	2355.5	2242.4
90°	3076.6	3051.1	3034.5	2985.4	2903.1	2790.3	2677.6	2569.7	2458.0	2350.1	2235.4
92.5°	3084.5	3067.6	3042.4	2998.7	2910.4	2801.4	2688.8	2582.6	2469.6	2355.5	2242.4
95°	3073.7	3052.8	3045.2	2989.7	2900.7	2790.9	2684.2	2579.9	2466.1	2349.1	2239.8
97.5°	3057.0	3039.4	3018.4	2973.5	2889.2	2778.2	2672.2	2564.1	2446.2	2331.7	2226.6
100°	3029.6	3017.2	2993.6	2943.5	2852.3	2749.7	2649.0	2549.9	2424.4	2309.3	2202.6
102.5°	2997.2	2986.0	2964.4	2901.3	2809.8	2706.2	2616.7	2510.8	2395.4	2283.5	2178.9
105°	2952.1	2937.4	2907.9	2847.3	2761.0	2672.5	2571.3	2464.3	2350.3	2247.1	2141.1
107.5°	2901.1	2874.8	2837.6	2787.9	2714.1	2616.0	2515.7	2402.2	2297.6	2195.7	2089.2
110°	2842.3	2810.1	2765.7	2706.8	2630.7	2545.4	2449.4	2345.8	2238.3	2126.8	2028.0



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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°	2768.8	2729.7	2681.6	2623.6	2555.2	2470.4	2376.9	2278.5	2172.0	2065.1	1958.1
115°	2695.2	2653.0	2600.7	2537.4	2462.7	2380.9	2295.0	2201.1	2101.0	1997.0	1887.4
117.5°	2601.1	2555.1	2499.3	2435.6	2365.4	2291.3	2202.6	2112.0	2013.9	1912.0	1789.3
120°	2465.8	2432.3	2377.5	2318.7	2251.2	2176.0	2092.3	2004.4	1907.3	1797.4	1671.1
122.5°	2320.7	2290.7	2236.5	2179.2	2114.1	2043.1	1964.3	1875.7	1785.0	1659.4	1534.7
125°	2128.5	2107.1	2059.1	2007.9	1948.4	1882.8	1810.1	1722.0	1618.7	1513.9	1409.0
127.5°	1894.2	1883.4	1844.4	1801.0	1747.5	1685.7	1617.3	1546.2	1462.4	1368.5	1272.9
130°	1626.6	1624.8	1597.4	1565.8	1524.9	1476.2	1421.1	1360.7	1293.4	1210.2	1136.5
132.5°	1362.8	1369.0	1354.2	1334.9	1306.1	1268.4	1222.4	1173.8	1124.6	1067.2	1006.4
135°	1138.3	1146.1	1140.3	1130.6	1113.5	1089.0	1057.1	1024.0	977.9	931.9	882.1
137.5°	985.3	990.6	984.2	974.8	959.5	938.5	911.8	879.7	848.0	812.2	771.2
140°	839.3	843.9	840.3	834.4	824.0	808.9	789.1	764.6	736.8	705.8	670.0
142.5°	732.4	734.7	730.9	725.0	715.5	702.1	684.7	663.1	638.1	613.1	584.6
145°	645.1	644.7	639.7	633.3	624.2	612.2	597.3	579.3	558.2	535.1	509.5
147.5°	573.6	571.3	564.9	557.4	547.6	535.5	521.0	504.1	484.7	464.3	444.0
150°	503.0	499.6	493.0	485.5	476.4	465.6	453.2	439.2	423.6	406.4	391.2
152.5°	439.2	435.7	429.5	422.8	414.9	405.9	395.9	385.0	373.2	360.8	348.7
155°	376.5	374.3	370.0	365.2	359.6	353.2	346.0	338.1	329.7	320.7	311.3
157.5°	321.6	320.6	319.6	314.8	311.0	306.6	301.5	295.9	289.8	283.3	276.4
160°	271.6	271.6	271.6	268.5	266.3	263.5	260.2	256.5	252.4	247.9	243.2
162.5°	225.5	226.4	227.2	225.6	224.6	223.2	221.4	219.3	216.9	214.2	211.4
165°	181.4	183.1	184.8	184.3	184.5	184.2	183.6	182.7	181.4	180.0	178.3
167.5°	138.2	140.4	142.6	143.6	144.9	146.0	146.7	147.2	147.5	147.5	147.2
170°	111.8	113.6	115.4	117.2	117.5	118.4	119.1	119.6	119.9	120.0	119.8
172.5°	88.2	89.4	90.7	91.9	91.9	92.4	92.7	92.9	92.9	92.7	92.3
175°	60.8	61.6	62.3	63.1	63.9	63.1	63.2	63.1	62.9	62.6	62.2
177.5°	28.4	28.8	29.2	29.6	30.0	30.3	30.7	29.9	29.9	29.8	29.7
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°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
2.5°	29.6	29.3	29.1	28.8	28.4	28.0	27.5	27.0	26.5	25.9	25.2
5°	61.6	61.0	60.2	59.2	58.2	57.0	55.8	54.4	52.9	51.3	49.6
7.5°	91.7	91.0	90.1	89.0	87.8	86.3	84.7	83.0	81.0	78.7	76.2
10°	119.5	118.8	118.0	117.0	115.7	114.2	112.3	109.9	107.3	104.5	101.5
12.5°	146.7	145.9	144.9	143.6	142.1	140.2	138.1	135.7	133.0	130.0	126.8
15°	176.4	174.3	172.1	170.2	168.4	166.3	163.9	161.2	158.2	154.7	150.7
17.5°	208.4	205.2	202.1	198.9	195.6	192.4	189.1	185.9	182.4	178.7	174.7
20°	238.2	233.6	229.3	225.0	220.7	216.5	212.6	208.9	205.2	201.7	197.4
22.5°	269.4	263.0	256.4	249.8	243.0	237.6	232.9	228.4	224.3	220.4	217.0
25°	302.5	293.6	284.5	275.2	266.9	259.2	251.6	244.6	240.0	235.9	232.7
27.5°	337.2	325.4	313.4	301.9	291.3	280.8	271.6	262.5	254.7	248.0	244.4
30°	375.6	359.5	344.2	329.6	316.0	302.4	290.9	279.7	273.7	271.6	269.2
32.5°	422.1	398.6	378.4	359.8	341.0	325.1	317.0	310.6	305.9	300.8	297.8
35°	481.0	451.5	424.5	395.8	375.4	364.9	353.4	345.9	338.0	331.9	326.4
37.5°	552.5	518.8	482.7	457.8	434.4	412.0	396.5	382.9	372.0	363.1	355.8
40°	631.2	595.1	563.7	532.7	501.4	472.3	446.8	424.4	408.8	395.4	385.5
42.5°	728.9	688.7	648.3	612.1	577.2	539.1	503.9	475.1	448.4	430.8	416.3
45°	836.6	788.9	742.1	694.5	650.7	607.8	568.1	529.0	497.2	468.6	448.9
47.5°	947.9	890.3	836.6	782.4	730.0	679.6	632.2	588.9	547.7	512.9	484.8
50°	1062.4	995.2	930.2	870.0	813.2	753.5	698.9	647.3	602.0	560.1	522.7
52.5°	1180.7	1100.3	1024.2	955.3	890.0	829.1	766.1	708.8	656.6	608.4	577.0
55°	1305.1	1203.8	1117.4	1036.9	965.7	897.6	831.4	770.1	718.8	675.9	645.0
57.5°	1421.0	1310.1	1206.0	1116.7	1035.9	964.8	900.1	840.0	784.8	738.4	706.0
60°	1530.1	1407.4	1292.8	1189.2	1106.6	1032.2	965.5	903.5	847.1	798.8	762.4
62.5°	1653.2	1498.4	1375.5	1270.2	1176.0	1093.9	1024.2	961.4	904.3	852.6	813.7
65°	1755.2	1609.3	1457.8	1343.8	1243.5	1154.3	1076.2	1011.7	955.6	904.1	864.7
67.5°	1845.4	1701.0	1547.5	1410.8	1302.5	1207.9	1124.7	1057.5	1001.4	951.6	910.4
70°	1914.6	1778.1	1626.9	1470.2	1355.0	1257.7	1171.1	1097.4	1040.8	994.1	951.0
72.5°	1980.8	1843.0	1684.1	1527.4	1398.0	1298.3	1211.1	1133.8	1074.9	1031.5	989.9
75°	2030.7	1900.9	1738.7	1568.1	1429.8	1331.0	1242.1	1159.0	1097.7	1055.4	1021.0
77.5°	2074.7	1951.0	1784.1	1609.2	1466.2	1355.0	1259.4	1175.6	1113.0	1074.0	1047.5
80°	2103.1	1987.3	1829.0	1649.5	1495.9	1375.2	1273.0	1186.4	1123.9	1088.1	1070.2
82.5°	2127.5	2017.7	1866.8	1676.9	1516.9	1391.2	1282.8	1191.9	1130.9	1098.7	1089.8
85°	2142.8	2039.2	1895.3	1691.8	1529.6	1402.6	1288.5	1192.9	1134.7	1106.8	1107.2
87.5°	2149.3	2056.3	1919.8	1700.0	1537.8	1411.8	1292.1	1191.3	1136.8	1113.3	1123.2
90°	2147.2	2053.0	1915.8	1687.3	1531.4	1408.9	1286.3	1184.4	1136.3	1119.7	1139.3
92.5°	2149.3	2056.3	1919.8	1700.0	1537.8	1411.8	1292.1	1191.3	1136.8	1113.3	1123.2
95°	2142.8	2039.2	1895.3	1691.8	1529.6	1402.6	1288.5	1192.9	1134.7	1106.8	1107.2
97.5°	2127.5	2017.7	1866.8	1676.9	1516.9	1391.2	1282.8	1191.9	1130.9	1098.7	1089.8
100°	2103.1	1987.3	1829.0	1649.5	1495.9	1375.2	1273.0	1186.4	1123.9	1088.1	1070.2
102.5°	2074.7	1951.0	1784.1	1609.2	1466.2	1355.0	1259.4	1175.6	1113.0	1074.0	1047.5
105°	2030.7	1900.9	1738.7	1568.1	1429.8	1331.0	1242.1	1159.0	1097.7	1055.4	1021.0
107.5°	1980.8	1843.0	1684.1	1527.4	1398.0	1298.3	1211.1	1133.8	1074.9	1031.5	989.9
110°	1914.6	1778.1	1626.9	1470.2	1355.0	1257.7	1171.1	1097.4	1040.8	994.1	951.0





TEST NUMBER: P232061

CATALOG NUMBER: FVS4WM-3-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°	1845.4	1701.0	1547.5	1410.8	1302.5	1207.9	1124.7	1057.5	1001.4	951.6	910.4
115°	1755.2	1609.3	1457.8	1343.8	1243.5	1154.3	1076.2	1011.7	955.6	904.1	864.7
117.5°	1653.2	1498.4	1375.5	1270.2	1176.0	1093.9	1024.2	961.4	904.3	852.6	813.7
120°	1530.1	1407.4	1292.8	1189.2	1106.6	1032.2	965.5	903.5	847.1	798.8	762.4
122.5°	1421.0	1310.1	1206.0	1116.7	1035.9	964.8	900.1	840.0	784.8	738.4	706.0
125°	1305.1	1203.8	1117.4	1036.9	965.7	897.6	831.4	770.1	718.8	675.9	645.0
127.5°	1180.7	1100.3	1024.2	955.3	890.0	829.1	766.1	708.8	656.6	608.4	577.0
130°	1062.4	995.2	930.2	870.0	813.2	753.5	698.9	647.3	602.0	560.1	522.7
132.5°	947.9	890.3	836.6	782.4	730.0	679.6	632.2	588.9	547.7	512.9	484.8
135°	836.6	788.9	742.1	694.5	650.7	607.8	568.1	529.0	497.2	468.6	448.9
137.5°	728.9	688.7	648.3	612.1	577.2	539.1	503.9	475.1	448.4	430.8	416.3
140°	631.2	595.1	563.7	532.7	501.4	472.3	446.8	424.4	408.8	395.4	385.5
142.5°	552.5	518.8	482.7	457.8	434.4	412.0	396.5	382.9	372.0	363.1	355.8
145°	481.0	451.5	424.5	395.8	375.4	364.9	353.4	345.9	338.0	331.9	326.4
147.5°	422.1	398.6	378.4	359.8	341.0	325.1	317.0	310.6	305.9	300.8	297.8
150°	375.6	359.5	344.2	329.6	316.0	302.4	290.9	279.7	273.7	271.6	269.2
152.5°	337.2	325.4	313.4	301.9	291.3	280.8	271.6	262.5	254.7	248.0	244.4
155°	302.5	293.6	284.5	275.2	266.9	259.2	251.6	244.6	240.0	235.9	232.7
157.5°	269.4	263.0	256.4	249.8	243.0	237.6	232.9	228.4	224.3	220.4	217.0
160°	238.2	233.6	229.3	225.0	220.7	216.5	212.6	208.9	205.2	201.7	197.4
162.5°	208.4	205.2	202.1	198.9	195.6	192.4	189.1	185.9	182.4	178.7	174.7
165°	176.4	174.3	172.1	170.2	168.4	166.3	163.9	161.2	158.2	154.7	150.7
167.5°	146.7	145.9	144.9	143.6	142.1	140.2	138.1	135.7	133.0	130.0	126.8
170°	119.5	118.8	118.0	117.0	115.7	114.2	112.3	109.9	107.3	104.5	101.5
172.5°	91.7	91.0	90.1	89.0	87.8	86.3	84.7	83.0	81.0	78.7	76.2
175°	61.6	61.0	60.2	59.2	58.2	57.0	55.8	54.4	52.9	51.3	49.6
177.5°	29.6	29.3	29.1	28.8	28.4	28.0	27.5	27.0	26.5	25.9	25.2
180°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0



TEST NUMBER: P232061

CATALOG NUMBER: FVS4WM-3-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°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
2.5°	24.5	23.8	23.0	22.2	21.4	20.5	19.6	18.6	17.6	16.6	15.6
5°	47.8	45.9	43.9	42.2	40.6	38.8	37.0	35.1	33.1	31.1	29.0
7.5°	73.4	70.6	67.6	64.5	61.2	57.8	54.4	51.4	48.5	45.5	42.4
10°	98.3	94.8	91.4	87.0	82.7	78.2	73.6	68.8	63.9	59.8	55.7
12.5°	122.8	118.4	113.8	109.0	103.9	98.5	92.7	86.8	80.7	74.4	68.9
15°	146.5	141.9	137.7	131.0	124.8	118.4	111.7	104.6	97.3	89.8	82.2
17.5°	171.1	164.9	159.1	152.9	146.1	138.5	130.5	122.3	113.8	105.1	96.3
20°	192.5	187.4	181.6	174.4	166.9	158.9	149.7	140.1	130.2	120.3	110.3
22.5°	213.7	208.5	202.5	196.1	187.8	178.6	169.1	158.1	146.8	135.4	124.2
25°	229.1	226.5	222.6	215.6	210.2	202.7	194.2	185.0	174.5	163.5	152.5
27.5°	244.8	245.5	245.9	244.9	239.4	233.5	225.2	216.1	205.8	194.4	182.7
30°	269.3	269.7	269.8	269.7	267.8	261.7	255.0	245.8	237.0	224.6	212.8
32.5°	295.1	294.1	294.0	293.6	292.8	289.2	282.6	274.5	265.1	254.1	241.9
35°	322.6	319.5	318.2	317.6	316.6	315.2	309.3	302.8	293.0	282.9	270.7
37.5°	350.0	346.0	342.8	341.6	340.7	338.8	335.3	328.3	320.1	310.9	299.0
40°	377.9	371.9	368.5	365.6	364.2	362.4	360.1	353.8	346.3	337.7	326.7
42.5°	405.6	398.6	393.1	390.2	388.0	386.0	383.4	378.7	371.7	363.7	354.0
45°	434.9	424.1	418.3	414.3	411.7	409.4	406.7	403.1	396.3	389.1	380.7
47.5°	463.2	451.5	442.9	437.9	435.3	435.5	436.5	434.3	427.0	417.4	406.4
50°	497.3	480.8	481.6	487.1	490.2	489.3	484.8	476.8	464.0	448.2	432.7
52.5°	555.0	547.0	548.7	552.5	553.9	547.0	536.4	522.2	503.6	480.5	459.9
55°	620.9	612.4	613.1	618.4	620.3	608.5	591.3	570.4	545.6	514.8	488.1
57.5°	683.8	672.7	675.3	683.5	685.8	673.3	648.9	621.2	589.4	551.2	517.3
60°	740.3	730.0	735.6	746.1	751.6	741.3	709.2	674.2	634.7	589.1	547.4
62.5°	793.7	786.2	792.3	806.8	817.8	812.1	771.9	728.9	681.6	628.3	578.2
65°	842.8	837.4	845.5	865.8	884.2	879.8	836.6	785.2	729.8	668.6	609.5
67.5°	886.8	884.0	895.7	922.7	945.4	945.2	903.0	842.9	779.3	709.8	641.4
70°	927.5	928.7	945.9	975.0	995.7	990.0	941.9	869.4	796.5	721.7	648.5
72.5°	966.9	965.9	979.1	1001.8	1015.7	1002.2	952.7	876.1	800.5	725.5	651.5
75°	1000.5	999.5	1011.2	1030.2	1040.1	1016.7	963.1	882.3	803.4	728.4	653.9
77.5°	1030.9	1032.3	1044.1	1060.0	1067.8	1032.9	972.7	887.9	805.5	730.3	655.7
80°	1058.8	1064.6	1077.7	1091.0	1098.0	1050.1	981.5	892.7	806.6	731.4	656.9
82.5°	1084.9	1096.6	1111.8	1123.0	1129.9	1067.9	989.3	896.7	806.8	731.6	659.5
85°	1109.7	1128.6	1146.5	1155.8	1162.4	1088.7	999.0	902.2	807.9	732.4	658.7
87.5°	1133.8	1160.4	1181.4	1189.0	1195.5	1103.2	1002.0	902.1	804.9	730.0	657.8
90°	1158.9	1193.2	1216.7	1222.6	1225.6	1117.7	1005.0	902.0	802.0	727.5	656.9
92.5°	1133.8	1160.4	1181.4	1189.0	1195.5	1103.2	1002.0	902.1	804.9	730.0	657.8
95°	1109.7	1128.6	1146.5	1155.8	1162.4	1088.7	999.0	902.2	807.9	732.4	658.7
97.5°	1084.9	1096.6	1111.8	1123.0	1129.9	1067.9	989.3	896.7	806.8	731.6	659.5
100°	1058.8	1064.6	1077.7	1091.0	1098.0	1050.1	981.5	892.7	806.6	731.4	656.9
102.5°	1030.9	1032.3	1044.1	1060.0	1067.8	1032.9	972.7	887.9	805.5	730.3	655.7
105°	1000.5	999.5	1011.2	1030.2	1040.1	1016.7	963.1	882.3	803.4	728.4	653.9
107.5°	966.9	965.9	979.1	1001.8	1015.7	1002.2	952.7	876.1	800.5	725.5	651.5
110°	927.5	928.7	945.9	975.0	995.7	990.0	941.9	869.4	796.5	721.7	648.5



TEST NUMBER: P232061

CATALOG NUMBER: FVS4WM-3-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°	886.8	884.0	895.7	922.7	945.4	945.2	903.0	842.9	779.3	709.8	641.4
115°	842.8	837.4	845.5	865.8	884.2	879.8	836.6	785.2	729.8	668.6	609.5
117.5°	793.7	786.2	792.3	806.8	817.8	812.1	771.9	728.9	681.6	628.3	578.2
120°	740.3	730.0	735.6	746.1	751.6	741.3	709.2	674.2	634.7	589.1	547.4
122.5°	683.8	672.7	675.3	683.5	685.8	673.3	648.9	621.2	589.4	551.2	517.3
125°	620.9	612.4	613.1	618.4	620.3	608.5	591.3	570.4	545.6	514.8	488.1
127.5°	555.0	547.0	548.7	552.5	553.9	547.0	536.4	522.2	503.6	480.5	459.9
130°	497.3	480.8	481.6	487.1	490.2	489.3	484.8	476.8	464.0	448.2	432.7
132.5°	463.2	451.5	442.9	437.9	435.3	435.5	436.5	434.3	427.0	417.4	406.4
135°	434.9	424.1	418.3	414.3	411.7	409.4	406.7	403.1	396.3	389.1	380.7
137.5°	405.6	398.6	393.1	390.2	388.0	386.0	383.4	378.7	371.7	363.7	354.0
140°	377.9	371.9	368.5	365.6	364.2	362.4	360.1	353.8	346.3	337.7	326.7
142.5°	350.0	346.0	342.9	341.6	340.7	338.8	335.3	328.3	320.1	310.9	299.0
145°	322.6	319.5	318.2	317.6	316.6	315.2	309.3	302.8	293.0	282.9	270.7
147.5°	295.1	294.1	294.0	293.6	292.8	289.2	282.6	274.5	265.1	254.1	241.9
150°	269.3	269.7	269.8	269.7	267.8	261.7	255.0	245.8	237.0	224.6	212.8
152.5°	244.8	245.5	245.9	244.9	239.4	233.5	225.2	216.1	205.8	194.4	182.7
155°	229.1	226.5	222.6	215.6	210.2	202.7	194.2	185.0	174.5	163.5	152.5
157.5°	213.7	208.5	202.5	196.1	187.8	178.6	169.1	158.1	146.8	135.4	124.2
160°	192.5	187.4	181.6	174.4	166.9	158.9	149.7	140.1	130.2	120.3	110.3
162.5°	171.1	164.9	159.1	152.9	146.1	138.5	130.5	122.3	113.8	105.1	96.3
165°	146.5	141.9	137.7	131.0	124.8	118.4	111.7	104.6	97.3	89.8	82.2
167.5°	122.8	118.4	113.8	109.0	103.9	98.5	92.7	86.8	80.7	74.4	68.9
170°	98.3	94.8	91.4	87.0	82.7	78.2	73.6	68.8	63.9	59.8	55.7
172.5°	73.4	70.6	67.6	64.5	61.2	57.8	54.4	51.4	48.5	45.5	42.4
175°	47.8	45.9	43.9	42.2	40.6	38.8	37.0	35.1	33.1	31.1	29.0
177.5°	24.5	23.8	23.0	22.2	21.4	20.5	19.6	18.6	17.6	16.6	15.6
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: P232061

CATALOG NUMBER: FVS4WM-3-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°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
2.5°	14.5	13.4	12.3	11.1	11.1	11.0	11.0	10.9	10.7	10.6	10.5
5°	26.9	24.7	22.5	20.3	20.1	19.9	19.7	19.4	19.1	18.8	18.5
7.5°	39.3	36.0	32.8	29.4	29.1	28.7	28.2	27.7	27.1	26.6	25.9
10°	51.6	47.3	43.0	38.6	37.9	37.2	36.5	35.7	34.8	34.0	33.2
12.5°	63.8	58.5	53.2	47.7	46.7	45.7	44.6	43.4	42.3	41.4	40.5
15°	75.9	69.7	63.3	56.9	55.5	54.0	52.4	50.9	49.9	48.8	47.7
17.5°	87.9	80.8	73.4	66.0	64.1	62.2	60.1	58.6	57.4	56.1	54.8
20°	100.0	91.8	83.5	75.2	72.7	70.2	67.7	66.3	64.9	63.4	62.1
22.5°	112.7	102.8	93.6	84.3	81.2	78.1	75.5	73.9	72.2	70.8	69.3
25°	141.1	130.1	120.1	109.7	105.3	100.6	96.8	93.6	90.1	86.8	83.3
27.5°	170.4	158.0	146.8	135.1	129.3	123.2	118.7	114.4	110.0	105.5	100.9
30°	199.5	185.9	173.5	160.5	153.2	145.6	140.3	134.7	129.1	123.3	117.7
32.5°	228.4	214.1	200.2	185.9	177.0	168.1	161.5	154.6	147.5	140.6	134.0
35°	257.2	242.1	226.9	211.2	200.6	190.3	182.3	173.9	165.3	157.4	149.6
37.5°	285.7	270.1	253.7	236.6	224.0	212.4	202.7	192.7	182.8	173.7	164.3
40°	314.1	297.8	280.4	262.0	247.4	234.2	222.9	211.0	199.6	189.5	178.2
42.5°	342.1	325.5	307.2	287.4	270.7	255.8	243.1	228.9	216.4	205.3	191.6
45°	369.3	353.0	334.0	312.8	293.8	277.2	262.2	246.3	232.8	219.3	204.5
47.5°	390.7	371.1	349.2	325.9	304.6	286.2	269.4	252.3	239.2	225.9	212.1
50°	412.3	389.2	364.4	338.9	315.2	294.4	274.9	256.0	241.6	227.8	214.3
52.5°	434.8	407.5	379.6	352.0	325.7	302.3	280.3	259.8	243.8	230.1	217.0
55°	458.0	426.1	394.8	365.1	336.1	310.0	285.4	263.3	246.2	232.8	220.4
57.5°	481.9	444.8	410.0	378.1	346.5	317.6	290.3	266.8	249.0	236.0	224.2
60°	506.4	463.8	425.3	391.2	356.8	325.0	295.0	270.1	252.2	239.8	229.0
62.5°	531.4	482.9	440.6	404.3	367.1	332.3	299.7	273.4	255.6	244.0	233.6
65°	556.8	502.1	455.8	417.3	377.4	339.5	304.3	276.5	259.4	248.5	239.1
67.5°	582.5	521.3	471.0	430.4	387.7	346.7	308.8	279.7	263.4	253.4	245.2
70°	588.3	526.0	474.6	429.5	385.8	343.6	305.7	277.5	262.0	252.5	245.8
72.5°	592.2	529.9	478.2	428.7	383.9	340.4	302.3	274.8	259.2	249.3	243.2
75°	595.6	533.6	483.6	427.8	382.0	337.2	299.2	272.4	256.5	246.1	240.8
77.5°	598.5	537.0	486.7	426.9	380.2	334.2	296.3	270.2	253.7	242.9	238.6
80°	601.0	541.8	489.8	426.1	378.5	331.4	293.6	268.3	251.0	239.8	236.5
82.5°	604.6	544.1	492.8	425.2	376.9	328.7	291.2	266.6	248.3	236.8	234.6
85°	605.4	546.4	495.9	424.3	375.4	326.1	289.0	265.2	245.8	233.9	232.8
87.5°	606.1	548.7	498.9	423.5	373.9	323.8	287.1	263.9	243.4	231.1	231.1
90°	606.9	551.0	502.0	422.6	372.6	321.6	285.3	262.8	241.2	228.4	229.4
92.5°	606.1	548.7	498.9	423.5	373.9	323.8	287.1	263.9	243.4	231.1	231.1
95°	605.4	546.4	495.9	424.3	375.4	326.1	289.0	265.2	245.8	233.9	232.8
97.5°	604.6	544.1	492.8	425.2	376.9	328.7	291.2	266.6	248.3	236.8	234.6
100°	601.0	541.8	489.8	426.1	378.5	331.4	293.6	268.3	251.0	239.8	236.5
102.5°	598.5	537.0	486.7	426.9	380.2	334.2	296.3	270.2	253.7	242.9	238.6
105°	595.6	533.6	483.7	427.8	382.0	337.2	299.2	272.4	256.5	246.1	240.8
107.5°	592.2	529.9	478.2	428.7	383.9	340.4	302.3	274.8	259.2	249.3	243.2
110°	588.3	526.0	474.6	429.5	385.8	343.6	305.7	277.5	262.0	252.5	245.8



TEST NUMBER: P232061

CATALOG NUMBER: FVS4WM-3-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°	582.5	521.3	471.0	430.4	387.7	346.7	308.8	279.7	263.4	253.4	245.2
115°	556.8	502.1	455.8	417.3	377.4	339.5	304.3	276.5	259.4	248.5	239.1
117.5°	531.4	482.9	440.6	404.3	367.1	332.3	299.7	273.4	255.6	244.0	233.6
120°	506.4	463.8	425.3	391.2	356.8	325.0	295.0	270.1	252.2	239.8	229.0
122.5°	481.9	444.8	410.0	378.1	346.5	317.6	290.3	266.8	249.0	236.0	224.2
125°	458.0	426.1	394.8	365.1	336.1	310.0	285.4	263.3	246.2	232.8	220.4
127.5°	434.8	407.5	379.6	352.0	325.7	302.3	280.3	259.8	243.8	230.1	217.0
130°	412.3	389.2	364.4	338.9	315.2	294.4	274.9	256.0	241.6	227.8	214.3
132.5°	390.7	371.1	349.2	325.9	304.6	286.2	269.4	252.3	239.2	225.9	212.1
135°	369.3	353.0	334.0	312.8	293.8	277.2	262.2	246.3	232.8	219.3	204.5
137.5°	342.1	325.5	307.2	287.4	270.7	255.8	243.1	228.9	216.4	205.3	191.6
140°	314.1	297.8	280.4	262.0	247.4	234.2	222.9	211.0	199.6	189.5	178.2
142.5°	285.7	270.1	253.7	236.6	224.0	212.4	202.7	192.7	182.8	173.7	164.3
145°	257.2	242.1	226.9	211.2	200.6	190.3	182.3	173.9	165.3	157.4	149.6
147.5°	228.4	214.1	200.2	185.9	177.0	168.1	161.5	154.6	147.5	140.6	134.0
150°	199.5	185.9	173.5	160.5	153.2	145.6	140.3	134.7	129.1	123.3	117.7
152.5°	170.4	158.0	146.8	135.1	129.3	123.2	118.7	114.4	110.0	105.5	100.9
155°	141.1	130.1	120.1	109.7	105.3	100.6	96.8	93.6	90.1	86.8	83.3
157.5°	112.7	102.8	93.6	84.3	81.2	78.1	75.5	73.9	72.2	70.8	69.3
160°	100.0	91.8	83.5	75.2	72.7	70.2	67.7	66.3	64.9	63.4	62.1
162.5°	87.9	80.8	73.4	66.0	64.1	62.2	60.1	58.6	57.4	56.1	54.8
165°	75.9	69.7	63.3	56.9	55.5	54.0	52.4	50.9	49.9	48.8	47.7
167.5°	63.8	58.5	53.2	47.7	46.7	45.7	44.6	43.4	42.3	41.4	40.5
170°	51.6	47.3	43.0	38.6	37.9	37.2	36.5	35.7	34.8	34.0	33.2
172.5°	39.3	36.0	32.8	29.4	29.1	28.7	28.2	27.7	27.1	26.6	25.9
175°	26.9	24.7	22.5	20.3	20.1	19.9	19.7	19.4	19.1	18.8	18.5
177.5°	14.5	13.4	12.3	11.1	11.1	11.0	11.0	10.9	10.7	10.6	10.5
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: P232061

CATALOG NUMBER: FVS4WM-3-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°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
2.5°	10.3	10.1	10.0	9.8	9.5	9.3	9.1	8.8	8.6	8.3	8.0
5°	18.1	17.7	17.3	16.8	16.3	15.9	15.4	14.9	14.3	13.8	13.2
7.5°	25.4	24.7	24.1	23.4	22.8	22.0	21.3	20.5	19.7	18.9	18.1
10°	32.5	31.7	30.8	29.9	29.0	28.2	27.3	26.4	25.4	24.4	23.4
12.5°	39.5	38.5	37.5	36.6	35.6	34.5	33.4	32.3	31.0	29.7	28.3
15°	46.5	45.5	44.4	43.2	42.0	40.6	39.2	37.7	36.1	34.6	32.8
17.5°	53.7	52.4	51.1	49.6	48.0	46.3	44.6	42.7	40.7	38.8	36.8
20°	60.7	59.3	57.5	55.6	53.7	51.6	49.4	47.1	44.9	42.9	40.7
22.5°	67.7	65.7	63.6	61.4	58.9	56.4	53.9	51.6	49.3	46.9	44.1
25°	79.4	75.4	71.1	66.6	63.7	61.1	58.5	56.0	52.8	49.6	46.5
27.5°	96.1	91.1	85.6	80.0	74.9	69.8	64.5	59.0	55.5	52.4	49.5
30°	112.0	105.6	99.1	92.9	86.9	80.5	73.8	67.5	62.1	56.8	52.4
32.5°	126.8	119.2	111.8	104.7	97.2	89.4	82.2	75.9	69.8	64.0	58.5
35°	140.8	132.0	123.7	115.2	106.1	97.6	90.2	83.1	76.6	70.4	64.7
37.5°	154.0	144.2	134.6	124.2	114.1	105.4	97.2	89.7	82.6	76.2	70.2
40°	166.6	155.6	144.1	132.2	121.9	112.3	103.7	95.6	88.1	81.5	75.5
42.5°	178.8	166.3	152.7	140.2	128.9	118.9	109.5	100.9	93.3	86.5	79.9
45°	190.3	175.7	160.6	147.5	135.6	124.8	114.9	105.9	98.2	90.6	83.2
47.5°	198.7	183.9	168.6	154.2	141.9	130.4	119.7	110.9	102.2	93.7	86.6
50°	200.9	186.3	172.3	159.1	147.0	135.4	124.8	115.2	105.4	96.9	89.2
52.5°	203.8	189.8	175.8	162.9	150.8	139.4	129.8	119.2	108.3	99.5	91.0
55°	207.5	194.0	180.0	167.0	155.1	145.0	135.5	125.0	114.0	103.1	92.7
57.5°	212.1	198.6	184.8	171.7	160.0	151.3	142.0	131.2	119.5	107.5	96.8
60°	217.4	203.6	189.8	177.1	166.5	158.4	149.5	137.4	124.3	111.8	100.4
62.5°	223.1	209.1	195.0	182.8	173.8	166.2	156.7	143.4	128.8	115.7	103.8
65°	228.9	214.9	200.7	189.0	181.7	174.8	163.5	148.6	133.3	119.5	106.9
67.5°	235.0	221.0	207.0	196.2	190.2	184.2	170.4	153.7	137.7	123.3	110.2
70°	236.8	224.3	212.2	203.9	199.3	192.9	177.2	158.6	142.0	127.1	113.5
72.5°	234.5	223.2	212.2	204.5	200.1	193.2	179.1	162.2	146.3	131.1	116.8
75°	232.6	222.7	212.6	205.0	199.7	191.1	177.5	161.6	145.4	130.7	117.5
77.5°	231.3	222.8	213.2	205.3	199.1	189.7	177.2	161.5	144.7	129.5	116.4
80°	230.2	223.3	214.0	205.5	198.4	188.9	177.9	161.8	144.3	128.7	115.8
82.5°	229.5	224.3	215.1	205.6	197.7	188.6	179.4	162.7	144.2	128.3	115.9
85°	229.0	225.5	216.4	205.9	197.0	188.8	181.6	164.1	144.5	128.4	116.6
87.5°	228.7	226.9	217.9	206.3	196.5	189.4	184.3	166.0	145.5	129.1	117.8
90°	228.4	228.4	219.6	206.9	196.1	190.2	187.3	168.6	147.1	130.4	119.6
92.5°	228.7	226.9	217.9	206.3	196.5	189.4	184.3	166.0	145.5	129.1	117.8
95°	229.0	225.5	216.4	205.9	197.0	188.8	181.6	164.1	144.5	128.4	116.6
97.5°	229.5	224.3	215.1	205.6	197.7	188.6	179.4	162.7	144.2	128.3	115.9
100°	230.2	223.3	214.0	205.5	198.4	188.9	177.9	161.8	144.3	128.7	115.8
102.5°	231.3	222.8	213.2	205.3	199.1	189.7	177.2	161.5	144.7	129.5	116.4
105°	232.6	222.7	212.6	205.0	199.7	191.1	177.5	161.6	145.4	130.7	117.5
107.5°	234.5	223.2	212.2	204.5	200.1	193.2	179.1	162.2	146.3	131.1	116.8
110°	236.8	224.3	212.2	203.9	199.3	192.9	177.2	158.6	142.0	127.1	113.5



TEST NUMBER: P232061

CATALOG NUMBER: FVS4WM-3-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°	235.0	221.0	207.0	196.2	190.2	184.2	170.4	153.7	137.7	123.3	110.2
115°	228.9	214.9	200.7	189.0	181.7	174.8	163.5	148.6	133.3	119.5	106.9
117.5°	223.1	209.1	195.0	182.8	173.8	166.2	156.7	143.4	128.8	115.7	103.8
120°	217.4	203.6	189.8	177.1	166.5	158.4	149.5	137.4	124.3	111.8	100.4
122.5°	212.1	198.6	184.8	171.7	160.0	151.3	142.0	131.2	119.5	107.5	96.8
125°	207.5	194.0	180.0	167.0	155.1	145.0	135.5	125.0	114.0	103.1	92.7
127.5°	203.8	189.8	175.8	162.9	150.8	139.4	129.8	119.2	108.3	99.5	91.0
130°	200.9	186.3	172.3	159.1	147.0	135.4	124.8	115.2	105.4	96.9	89.2
132.5°	198.7	183.9	168.6	154.2	141.9	130.4	119.7	110.9	102.2	93.7	86.6
135°	190.3	175.7	160.6	147.5	135.6	124.8	114.9	105.9	98.2	90.6	83.2
137.5°	178.8	166.3	152.7	140.2	128.9	118.9	109.5	100.9	93.3	86.5	79.9
140°	166.6	155.6	144.1	132.2	121.9	112.3	103.7	95.6	88.1	81.5	75.5
142.5°	154.0	144.2	134.6	124.2	114.1	105.4	97.2	89.7	82.6	76.2	70.2
145°	140.8	132.0	123.7	115.2	106.1	97.6	90.2	83.1	76.6	70.4	64.7
147.5°	126.8	119.2	111.8	104.7	97.2	89.4	82.2	75.9	69.8	64.0	58.5
150°	112.0	105.6	99.1	92.9	86.9	80.5	73.8	67.5	62.1	56.8	52.4
152.5°	96.1	91.1	85.6	80.0	74.9	69.8	64.5	59.0	55.5	52.4	49.5
155°	79.4	75.4	71.1	66.6	63.7	61.1	58.5	56.0	52.8	49.6	46.5
157.5°	67.7	65.7	63.6	61.4	58.9	56.4	53.9	51.6	49.3	46.9	44.1
160°	60.7	59.3	57.5	55.6	53.7	51.6	49.4	47.1	44.9	42.9	40.7
162.5°	53.7	52.4	51.1	49.6	48.0	46.3	44.6	42.7	40.7	38.8	36.8
165°	46.5	45.5	44.4	43.2	42.0	40.6	39.2	37.7	36.1	34.6	32.8
167.5°	39.5	38.5	37.5	36.6	35.6	34.5	33.4	32.3	31.0	29.7	28.3
170°	32.5	31.7	30.8	29.9	29.0	28.2	27.3	26.4	25.4	24.4	23.4
172.5°	25.4	24.7	24.1	23.4	22.8	22.0	21.3	20.5	19.7	18.9	18.1
175°	18.1	17.7	17.3	16.8	16.3	15.9	15.4	14.9	14.3	13.8	13.2
177.5°	10.3	10.1	10.0	9.8	9.5	9.3	9.1	8.8	8.6	8.3	8.0
180°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0



TEST NUMBER: P232061

CATALOG NUMBER: FVS4WM-3-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°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
2.5°	7.7	7.5	7.2	6.8	6.5	6.2	5.9	5.5	5.2	4.9	4.5
5°	12.6	12.0	11.3	10.7	10.1	9.4	8.7	8.0	7.4	6.7	6.0
7.5°	17.3	16.5	15.6	14.7	13.9	12.9	12.0	11.1	10.1	9.1	8.1
10°	22.3	21.2	20.1	18.9	17.7	16.5	15.3	14.0	12.8	11.5	10.2
12.5°	27.0	25.6	24.1	22.7	21.2	19.7	18.1	16.6	15.1	13.5	12.0
15°	31.1	29.4	27.6	25.9	24.1	22.4	20.7	18.9	17.2	15.4	13.6
17.5°	34.9	33.0	31.0	29.1	27.1	25.2	23.0	21.0	18.9	16.9	14.8
20°	38.6	36.4	33.9	31.6	29.2	26.9	24.6	22.5	20.3	18.2	16.0
22.5°	41.4	38.6	36.0	33.7	31.3	28.9	26.5	24.2	21.8	19.5	17.2
25°	43.8	41.2	38.6	36.0	33.4	30.9	28.3	25.8	23.3	20.8	18.4
27.5°	46.7	43.8	41.0	38.2	35.5	32.9	30.2	27.6	25.0	22.4	19.8
30°	49.3	46.2	43.4	40.6	37.8	35.2	32.5	29.8	27.0	24.3	21.6
32.5°	53.5	49.1	46.1	43.4	40.7	37.9	35.1	32.3	29.5	26.6	23.7
35°	59.3	54.6	50.1	46.5	43.6	40.7	37.9	35.0	32.1	29.0	25.7
37.5°	65.0	60.0	55.2	50.7	46.9	44.1	41.0	37.7	34.3	30.9	27.2
40°	69.8	64.3	59.5	55.3	51.2	47.2	43.6	39.8	36.0	32.2	28.4
42.5°	73.6	68.3	63.4	58.6	54.1	49.7	45.5	41.5	37.8	34.0	30.1
45°	77.2	71.5	66.0	60.8	55.9	51.3	47.4	43.8	39.7	35.4	31.2
47.5°	80.0	73.6	67.7	62.2	57.3	52.8	48.6	44.7	41.1	36.7	32.2
50°	81.9	75.2	68.9	63.3	58.2	53.4	49.1	45.0	41.4	37.5	32.6
52.5°	83.3	76.2	69.8	63.8	58.5	53.5	48.9	44.8	40.8	37.2	33.4
55°	84.5	77.0	70.1	64.0	58.3	53.1	48.6	44.4	40.6	37.0	33.3
57.5°	86.8	77.4	70.2	63.7	57.8	52.9	48.4	44.1	40.0	36.0	32.3
60°	89.8	80.2	71.3	63.1	57.8	52.8	48.0	43.4	39.2	35.2	31.3
62.5°	92.7	82.6	73.2	65.3	58.4	52.5	47.4	42.9	38.7	34.4	30.3
65°	95.5	84.9	75.4	67.2	59.9	53.0	47.2	42.7	38.2	33.7	29.1
67.5°	98.2	87.1	77.4	68.9	61.1	54.1	48.2	42.7	37.9	33.1	28.4
70°	100.9	89.4	79.3	70.5	62.0	55.2	49.1	43.3	37.9	32.9	27.7
72.5°	103.6	91.7	81.4	71.9	63.5	56.4	49.9	43.4	37.6	32.1	26.8
75°	105.5	94.0	83.5	73.2	64.9	57.6	50.3	43.4	36.8	30.4	25.0
77.5°	104.8	94.1	84.2	74.6	66.5	58.9	50.7	43.1	35.4	28.3	22.5
80°	104.9	94.6	84.6	75.4	67.0	58.8	50.7	42.6	33.9	25.9	19.2
82.5°	105.7	95.7	85.6	76.6	67.4	58.5	49.9	41.2	32.3	23.5	15.6
85°	107.2	97.3	87.2	78.3	68.0	58.7	49.7	40.4	31.4	22.2	13.8
87.5°	109.3	99.4	89.4	80.6	69.0	59.4	50.0	40.4	31.4	21.9	13.2
90°	111.8	102.0	92.2	83.3	70.6	60.8	51.0	41.2	32.4	22.6	13.7
92.5°	109.3	99.4	89.4	80.6	69.0	59.4	50.0	40.4	31.4	21.9	13.2
95°	107.2	97.3	87.2	78.3	68.0	58.7	49.7	40.4	31.4	22.2	13.8
97.5°	105.7	95.7	85.6	76.6	67.4	58.5	49.9	41.2	32.3	23.5	15.6
100°	104.9	94.6	84.6	75.4	67.0	58.8	50.7	42.6	33.9	25.9	19.2
102.5°	104.8	94.1	84.2	74.6	66.5	58.9	50.7	43.1	35.4	28.3	22.5
105°	105.5	94.0	83.5	73.2	64.9	57.6	50.3	43.4	36.8	30.4	25.0
107.5°	103.6	91.7	81.4	71.9	63.5	56.4	49.9	43.4	37.6	32.1	26.8
110°	100.9	89.4	79.3	70.5	62.0	55.2	49.1	43.3	37.9	32.9	27.7





TEST NUMBER: P232061

CATALOG NUMBER: FVS4WM-3-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°	98.2	87.1	77.4	68.9	61.1	54.1	48.2	42.7	37.9	33.1	28.4
115°	95.5	84.9	75.4	67.2	59.9	53.0	47.2	42.7	38.2	33.7	29.1
117.5°	92.7	82.6	73.2	65.3	58.4	52.5	47.4	42.9	38.7	34.4	30.3
120°	89.8	80.2	71.3	63.1	57.8	52.8	48.0	43.4	39.2	35.2	31.3
122.5°	86.8	77.4	70.2	63.7	57.8	52.9	48.4	44.1	40.0	36.0	32.3
125°	84.5	77.0	70.1	64.0	58.3	53.1	48.6	44.4	40.6	37.0	33.3
127.5°	83.3	76.2	69.8	63.8	58.5	53.5	48.9	44.8	40.8	37.2	33.4
130°	81.9	75.2	68.9	63.3	58.2	53.4	49.1	45.0	41.4	37.5	32.6
132.5°	80.0	73.6	67.7	62.2	57.3	52.8	48.6	44.7	41.1	36.7	32.2
135°	77.2	71.5	66.0	60.8	55.9	51.3	47.4	43.8	39.7	35.4	31.2
137.5°	73.6	68.3	63.4	58.6	54.1	49.7	45.5	41.5	37.8	34.0	30.1
140°	69.8	64.3	59.5	55.3	51.2	47.2	43.6	39.8	36.0	32.2	28.4
142.5°	65.0	60.0	55.2	50.7	46.9	44.1	41.0	37.7	34.3	30.9	27.2
145°	59.3	54.6	50.1	46.5	43.6	40.7	37.9	35.0	32.1	29.0	25.7
147.5°	53.5	49.1	46.1	43.4	40.7	37.9	35.1	32.3	29.5	26.6	23.7
150°	49.3	46.2	43.4	40.6	37.8	35.2	32.5	29.8	27.0	24.3	21.6
152.5°	46.7	43.8	41.0	38.2	35.5	32.9	30.2	27.6	25.0	22.4	19.8
155°	43.8	41.2	38.6	36.0	33.4	30.9	28.3	25.8	23.3	20.8	18.4
157.5°	41.4	38.6	36.0	33.7	31.3	28.9	26.5	24.2	21.8	19.5	17.2
160°	38.6	36.4	33.9	31.6	29.2	26.9	24.6	22.5	20.3	18.2	16.0
162.5°	34.9	33.0	31.0	29.1	27.1	25.2	23.0	21.0	18.9	16.9	14.8
165°	31.1	29.4	27.6	25.9	24.1	22.4	20.7	18.9	17.2	15.4	13.6
167.5°	27.0	25.6	24.1	22.7	21.2	19.7	18.1	16.6	15.1	13.5	12.0
170°	22.3	21.2	20.1	18.9	17.7	16.5	15.3	14.0	12.8	11.5	10.2
172.5°	17.3	16.5	15.6	14.7	13.9	12.9	12.0	11.1	10.1	9.1	8.1
175°	12.6	12.0	11.3	10.7	10.1	9.4	8.7	8.0	7.4	6.7	6.0
177.5°	7.7	7.5	7.2	6.8	6.5	6.2	5.9	5.5	5.2	4.9	4.5
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: P232061

CATALOG NUMBER: FVS4WM-3-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°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
2.5°	4.2	3.8	3.4	3.1	2.7	2.4	2.0	2.4	2.7	3.1	3.4
5°	5.3	4.5	3.8	3.1	2.4	1.7	1.0	1.7	2.4	3.1	3.8
7.5°	7.1	6.1	5.1	4.1	3.1	2.0	1.0	2.0	3.1	4.1	5.1
10°	8.9	7.6	6.3	5.0	3.6	2.3	1.0	2.3	3.6	5.0	6.3
12.5°	10.4	8.8	7.3	5.7	4.1	2.6	1.0	2.6	4.1	5.7	7.3
15°	11.8	10.0	8.2	6.4	4.6	2.8	1.0	2.8	4.6	6.4	8.2
17.5°	12.8	10.8	8.9	6.9	4.9	3.0	1.0	3.0	4.9	6.9	8.9
20°	13.9	11.7	9.6	7.4	5.3	3.1	1.0	3.1	5.3	7.4	9.6
22.5°	14.9	12.5	10.2	7.9	5.6	3.3	1.0	3.3	5.6	7.9	10.2
25°	15.9	13.4	10.9	8.5	6.0	3.5	1.0	3.5	6.0	8.5	10.9
27.5°	17.2	14.5	11.8	9.1	6.4	3.7	1.0	3.7	6.4	9.1	11.8
30°	18.9	16.2	13.4	10.6	7.7	4.9	2.0	4.9	7.7	10.6	13.4
32.5°	20.8	17.7	14.7	11.5	8.4	5.2	2.0	5.2	8.4	11.5	14.7
35°	22.4	19.0	15.7	12.3	8.9	5.4	2.0	5.4	8.9	12.3	15.7
37.5°	23.6	20.0	16.4	12.8	9.2	5.6	2.0	5.6	9.2	12.8	16.4
40°	24.7	21.0	17.3	13.5	9.7	5.8	2.0	5.8	9.7	13.5	17.3
42.5°	26.0	22.0	18.0	14.0	10.0	6.0	2.0	6.0	10.0	14.0	18.0
45°	27.0	22.8	18.6	14.4	10.3	6.1	2.0	6.1	10.3	14.4	18.6
47.5°	27.7	23.3	18.9	14.6	10.3	6.2	2.0	6.2	10.3	14.6	18.9
50°	28.0	23.6	19.2	14.9	10.6	6.3	2.0	6.3	10.6	14.9	19.2
52.5°	28.8	24.0	19.4	14.9	10.6	6.3	2.0	6.3	10.6	14.9	19.4
55°	28.7	23.9	19.3	14.8	10.4	6.2	2.0	6.2	10.4	14.8	19.3
57.5°	28.5	23.6	19.1	14.9	10.8	6.8	2.9	6.8	10.8	14.9	19.1
60°	27.5	23.2	18.5	14.2	10.3	6.5	2.9	6.5	10.3	14.2	18.5
62.5°	26.0	21.6	17.4	13.4	9.7	6.3	2.9	6.3	9.7	13.4	17.4
65°	24.7	20.5	16.4	12.6	9.2	6.0	2.9	6.0	9.2	12.6	16.4
67.5°	23.8	19.4	15.3	11.6	8.4	5.6	2.9	5.6	8.4	11.6	15.3
70°	22.7	18.1	13.9	10.7	7.9	5.3	2.9	5.3	7.9	10.7	13.9
72.5°	21.5	17.1	13.4	9.6	6.8	4.7	2.9	4.7	6.8	9.6	13.4
75°	20.9	16.2	11.7	7.9	5.2	3.8	2.9	3.8	5.2	7.9	11.7
77.5°	18.2	14.7	9.9	5.4	1.8	0.4	0.0	0.4	1.8	5.4	9.9
80°	14.0	10.5	6.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.2
82.5°	9.8	5.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	7.0	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	6.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	5.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	6.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	7.0	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	9.8	5.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	14.0	10.5	6.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.2
102.5°	18.2	14.7	9.9	5.4	1.8	0.4	0.0	0.4	1.8	5.4	9.9
105°	20.9	16.2	11.7	7.9	5.2	3.8	2.9	3.8	5.2	7.9	11.7
107.5°	21.5	17.1	13.4	9.6	6.8	4.7	2.9	4.7	6.8	9.6	13.4
110°	22.7	18.1	13.9	10.7	7.9	5.3	2.9	5.3	7.9	10.7	13.9



TEST NUMBER: P232061

CATALOG NUMBER: FVS4WM-3-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°	23.8	19.4	15.3	11.6	8.4	5.6	2.9	5.6	8.4	11.6	15.3
115°	24.7	20.5	16.4	12.6	9.2	6.0	2.9	6.0	9.2	12.6	16.4
117.5°	26.0	21.6	17.4	13.4	9.7	6.3	2.9	6.3	9.7	13.4	17.4
120°	27.5	23.2	18.5	14.2	10.3	6.5	2.9	6.5	10.3	14.2	18.5
122.5°	28.5	23.6	19.1	14.9	10.8	6.8	2.9	6.8	10.8	14.9	19.1
125°	28.7	23.9	19.3	14.8	10.4	6.2	2.0	6.2	10.4	14.8	19.3
127.5°	28.8	24.0	19.4	14.9	10.6	6.3	2.0	6.3	10.6	14.9	19.4
130°	28.0	23.6	19.2	14.9	10.6	6.3	2.0	6.3	10.6	14.9	19.2
132.5°	27.7	23.3	18.9	14.6	10.3	6.2	2.0	6.2	10.3	14.6	18.9
135°	27.0	22.8	18.6	14.4	10.3	6.1	2.0	6.1	10.3	14.4	18.6
137.5°	26.0	22.0	18.0	14.0	10.0	6.0	2.0	6.0	10.0	14.0	18.0
140°	24.7	21.0	17.3	13.5	9.7	5.8	2.0	5.8	9.7	13.5	17.3
142.5°	23.6	20.0	16.4	12.8	9.2	5.6	2.0	5.6	9.2	12.8	16.4
145°	22.4	19.0	15.7	12.3	8.9	5.4	2.0	5.4	8.9	12.3	15.7
147.5°	20.8	17.7	14.7	11.5	8.4	5.2	2.0	5.2	8.4	11.5	14.7
150°	18.9	16.2	13.4	10.6	7.7	4.9	2.0	4.9	7.7	10.6	13.4
152.5°	17.2	14.5	11.8	9.1	6.4	3.7	1.0	3.7	6.4	9.1	11.8
155°	15.9	13.4	10.9	8.5	6.0	3.5	1.0	3.5	6.0	8.5	10.9
157.5°	14.9	12.5	10.2	7.9	5.6	3.3	1.0	3.3	5.6	7.9	10.2
160°	13.9	11.7	9.6	7.4	5.3	3.1	1.0	3.1	5.3	7.4	9.6
162.5°	12.8	10.8	8.9	6.9	4.9	3.0	1.0	3.0	4.9	6.9	8.9
165°	11.8	10.0	8.2	6.4	4.6	2.8	1.0	2.8	4.6	6.4	8.2
167.5°	10.4	8.8	7.3	5.7	4.1	2.6	1.0	2.6	4.1	5.7	7.3
170°	8.9	7.6	6.3	5.0	3.6	2.3	1.0	2.3	3.6	5.0	6.3
172.5°	7.1	6.1	5.1	4.1	3.1	2.0	1.0	2.0	3.1	4.1	5.1
175°	5.3	4.5	3.8	3.1	2.4	1.7	1.0	1.7	2.4	3.1	3.8
177.5°	4.2	3.8	3.4	3.1	2.7	2.4	2.0	2.4	2.7	3.1	3.4
180°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0



TEST NUMBER: P232061

CATALOG NUMBER: FVS4WM-3-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°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
2.5°	3.8	4.2	4.5	4.9	5.2	5.5	5.9	6.2	6.5	6.8	7.2
5°	4.5	5.3	6.0	6.7	7.4	8.0	8.7	9.4	10.1	10.7	11.3
7.5°	6.1	7.1	8.1	9.1	10.1	11.1	12.0	12.9	13.9	14.7	15.6
10°	7.6	8.9	10.2	11.5	12.8	14.0	15.3	16.5	17.7	18.9	20.1
12.5°	8.8	10.4	12.0	13.5	15.1	16.6	18.1	19.7	21.2	22.7	24.1
15°	10.0	11.8	13.6	15.4	17.2	18.9	20.7	22.4	24.1	25.9	27.6
17.5°	10.8	12.8	14.8	16.9	18.9	21.0	23.0	25.2	27.1	29.1	31.0
20°	11.7	13.9	16.0	18.2	20.3	22.5	24.6	26.9	29.2	31.6	33.9
22.5°	12.5	14.9	17.2	19.5	21.8	24.2	26.5	28.9	31.3	33.7	36.0
25°	13.4	15.9	18.4	20.8	23.3	25.8	28.3	30.9	33.4	36.0	38.6
27.5°	14.5	17.2	19.8	22.4	25.0	27.6	30.2	32.9	35.5	38.2	41.0
30°	16.2	18.9	21.6	24.3	27.0	29.8	32.5	35.2	37.8	40.6	43.4
32.5°	17.7	20.8	23.7	26.6	29.5	32.3	35.1	37.9	40.7	43.4	46.1
35°	19.0	22.4	25.7	29.0	32.1	35.0	37.9	40.7	43.6	46.5	50.1
37.5°	20.0	23.6	27.2	30.9	34.3	37.7	41.0	44.1	46.9	50.7	55.2
40°	21.0	24.7	28.4	32.2	36.0	39.8	43.6	47.2	51.2	55.3	59.5
42.5°	22.0	26.0	30.1	34.0	37.8	41.5	45.5	49.7	54.1	58.6	63.4
45°	22.8	27.0	31.2	35.4	39.7	43.8	47.4	51.3	55.9	60.8	66.0
47.5°	23.3	27.7	32.2	36.7	41.1	44.7	48.6	52.8	57.3	62.2	67.7
50°	23.6	28.0	32.6	37.5	41.4	45.0	49.1	53.4	58.2	63.3	68.9
52.5°	24.0	28.8	33.4	37.2	40.8	44.8	48.9	53.5	58.5	63.8	69.8
55°	23.9	28.7	33.3	37.0	40.6	44.4	48.6	53.1	58.3	64.0	70.1
57.5°	23.6	28.5	32.3	36.0	40.0	44.1	48.4	52.9	57.8	63.7	70.2
60°	23.2	27.5	31.3	35.2	39.2	43.4	48.0	52.8	57.8	63.1	71.3
62.5°	21.6	26.0	30.3	34.4	38.7	42.9	47.4	52.5	58.4	65.3	73.2
65°	20.5	24.7	29.1	33.7	38.2	42.7	47.2	53.0	59.9	67.2	75.4
67.5°	19.4	23.8	28.4	33.1	37.9	42.7	48.2	54.1	61.1	68.9	77.4
70°	18.1	22.7	27.7	32.9	37.9	43.3	49.1	55.2	62.0	70.5	79.3
72.5°	17.1	21.5	26.8	32.1	37.6	43.4	49.9	56.4	63.5	71.9	81.4
75°	16.2	20.9	25.0	30.4	36.8	43.4	50.3	57.6	64.9	73.2	83.5
77.5°	14.7	18.2	22.5	28.3	35.4	43.1	50.7	58.9	66.5	74.6	84.2
80°	10.5	14.0	19.2	25.9	33.9	42.6	50.7	58.8	67.0	75.4	84.6
82.5°	5.6	9.8	15.6	23.5	32.3	41.2	49.9	58.5	67.4	76.6	85.6
85°	1.9	7.0	13.8	22.2	31.4	40.4	49.7	58.7	68.0	78.3	87.2
87.5°	0.5	6.0	13.2	21.9	31.4	40.4	50.0	59.4	69.0	80.6	89.4
90°	0.0	5.9	13.7	22.6	32.4	41.2	51.0	60.8	70.6	83.3	92.2
92.5°	0.5	6.0	13.2	21.9	31.4	40.4	50.0	59.4	69.0	80.6	89.4
95°	1.9	7.0	13.8	22.2	31.4	40.4	49.7	58.7	68.0	78.3	87.2
97.5°	5.6	9.8	15.6	23.5	32.3	41.2	49.9	58.5	67.4	76.6	85.6
100°	10.5	14.0	19.2	25.9	33.9	42.6	50.7	58.8	67.0	75.4	84.6
102.5°	14.7	18.2	22.5	28.3	35.4	43.1	50.7	58.9	66.5	74.6	84.2
105°	16.2	20.9	25.0	30.4	36.8	43.4	50.3	57.6	64.9	73.2	83.5
107.5°	17.1	21.5	26.8	32.1	37.6	43.4	49.9	56.4	63.5	71.9	81.4
110°	18.1	22.7	27.7	32.9	37.9	43.3	49.1	55.2	62.0	70.5	79.3



TEST NUMBER: P232061

CATALOG NUMBER: FVS4WM-3-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°	19.4	23.8	28.4	33.1	37.9	42.7	48.2	54.1	61.1	68.9	77.4
115°	20.5	24.7	29.1	33.7	38.2	42.7	47.2	53.0	59.9	67.2	75.4
117.5°	21.6	26.0	30.3	34.4	38.7	42.9	47.4	52.5	58.4	65.3	73.2
120°	23.2	27.5	31.3	35.2	39.2	43.4	48.0	52.8	57.8	63.1	71.3
122.5°	23.6	28.5	32.3	36.0	40.0	44.1	48.4	52.9	57.8	63.7	70.2
125°	23.9	28.7	33.3	37.0	40.6	44.4	48.6	53.1	58.3	64.0	70.1
127.5°	24.0	28.8	33.4	37.2	40.8	44.8	48.9	53.5	58.5	63.8	69.8
130°	23.6	28.0	32.6	37.5	41.4	45.0	49.1	53.4	58.2	63.3	68.9
132.5°	23.3	27.7	32.2	36.7	41.1	44.7	48.6	52.8	57.3	62.2	67.7
135°	22.8	27.0	31.2	35.4	39.7	43.8	47.4	51.3	55.9	60.8	66.0
137.5°	22.0	26.0	30.1	34.0	37.8	41.5	45.5	49.7	54.1	58.6	63.4
140°	21.0	24.7	28.4	32.2	36.0	39.8	43.6	47.2	51.2	55.3	59.5
142.5°	20.0	23.6	27.2	30.9	34.3	37.7	41.0	44.1	46.9	50.7	55.2
145°	19.0	22.4	25.7	29.0	32.1	35.0	37.9	40.7	43.6	46.5	50.1
147.5°	17.7	20.8	23.7	26.6	29.5	32.3	35.1	37.9	40.7	43.4	46.1
150°	16.2	18.9	21.6	24.3	27.0	29.8	32.5	35.2	37.8	40.6	43.4
152.5°	14.5	17.2	19.8	22.4	25.0	27.6	30.2	32.9	35.5	38.2	41.0
155°	13.4	15.9	18.4	20.8	23.3	25.8	28.3	30.9	33.4	36.0	38.6
157.5°	12.5	14.9	17.2	19.5	21.8	24.2	26.5	28.9	31.3	33.7	36.0
160°	11.7	13.9	16.0	18.2	20.3	22.5	24.6	26.9	29.2	31.6	33.9
162.5°	10.8	12.8	14.8	16.9	18.9	21.0	23.0	25.2	27.1	29.1	31.0
165°	10.0	11.8	13.6	15.4	17.2	18.9	20.7	22.4	24.1	25.9	27.6
167.5°	8.8	10.4	12.0	13.5	15.1	16.6	18.1	19.7	21.2	22.7	24.1
170°	7.6	8.9	10.2	11.5	12.8	14.0	15.3	16.5	17.7	18.9	20.1
172.5°	6.1	7.1	8.1	9.1	10.1	11.1	12.0	12.9	13.9	14.7	15.6
175°	4.5	5.3	6.0	6.7	7.4	8.0	8.7	9.4	10.1	10.7	11.3
177.5°	3.8	4.2	4.5	4.9	5.2	5.5	5.9	6.2	6.5	6.8	7.2
180°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0



TEST NUMBER: P232061

CATALOG NUMBER: FVS4WM-3-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°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
2.5°	7.5	7.7	8.0	8.3	8.6	8.8	9.1	9.3	9.5	9.8	10.0
5°	12.0	12.6	13.2	13.8	14.3	14.9	15.4	15.9	16.3	16.8	17.3
7.5°	16.5	17.3	18.1	18.9	19.7	20.5	21.3	22.0	22.8	23.4	24.1
10°	21.2	22.3	23.4	24.4	25.4	26.4	27.3	28.2	29.0	29.9	30.8
12.5°	25.6	27.0	28.3	29.7	31.0	32.3	33.4	34.5	35.6	36.6	37.5
15°	29.4	31.1	32.8	34.6	36.1	37.7	39.2	40.6	42.0	43.2	44.4
17.5°	33.0	34.9	36.8	38.8	40.7	42.7	44.6	46.3	48.0	49.6	51.1
20°	36.4	38.6	40.7	42.9	44.9	47.1	49.4	51.6	53.7	55.6	57.5
22.5°	38.6	41.4	44.1	46.9	49.3	51.6	53.9	56.4	58.9	61.4	63.6
25°	41.2	43.8	46.5	49.6	52.8	56.0	58.5	61.1	63.7	66.6	71.1
27.5°	43.8	46.7	49.5	52.4	55.5	59.0	64.5	69.8	74.9	80.0	85.6
30°	46.2	49.3	52.4	56.8	62.1	67.5	73.8	80.5	86.9	92.9	99.1
32.5°	49.1	53.5	58.5	64.0	69.8	75.9	82.2	89.4	97.2	104.7	111.8
35°	54.6	59.3	64.7	70.4	76.6	83.1	90.2	97.6	106.1	115.2	123.7
37.5°	60.0	65.0	70.2	76.2	82.6	89.7	97.2	105.4	114.1	124.2	134.6
40°	64.3	69.8	75.5	81.5	88.1	95.6	103.7	112.3	121.9	132.2	144.1
42.5°	68.3	73.6	79.9	86.5	93.3	100.9	109.5	118.9	128.9	140.2	152.7
45°	71.5	77.2	83.2	90.6	98.2	105.9	114.9	124.8	135.6	147.5	160.6
47.5°	73.6	80.0	86.6	93.7	102.2	110.9	119.7	130.4	141.9	154.2	168.6
50°	75.2	81.9	89.2	96.9	105.4	115.2	124.8	135.4	147.0	159.1	172.3
52.5°	76.2	83.3	91.0	99.5	108.3	119.2	129.8	139.4	150.8	162.9	175.8
55°	77.0	84.5	92.7	103.1	114.0	125.0	135.5	145.0	155.1	167.0	180.0
57.5°	77.4	86.8	96.8	107.5	119.5	131.2	142.0	151.3	160.0	171.7	184.8
60°	80.2	89.8	100.4	111.8	124.3	137.4	149.5	158.4	166.5	177.1	189.8
62.5°	82.6	92.7	103.8	115.7	128.8	143.4	156.7	166.2	173.8	182.8	195.0
65°	84.9	95.5	106.9	119.5	133.3	148.6	163.5	174.8	181.7	189.0	200.7
67.5°	87.1	98.2	110.2	123.3	137.7	153.7	170.4	184.2	190.2	196.2	207.0
70°	89.4	100.9	113.5	127.1	142.0	158.6	177.2	192.9	199.3	203.9	212.2
72.5°	91.7	103.6	116.8	131.1	146.3	162.2	179.1	193.2	200.1	204.5	212.2
75°	94.0	105.5	117.5	130.7	145.4	161.6	177.5	191.1	199.7	205.0	212.6
77.5°	94.1	104.8	116.4	129.5	144.7	161.5	177.2	189.7	199.1	205.3	213.2
80°	94.6	104.9	115.8	128.7	144.3	161.8	177.9	188.9	198.4	205.5	214.0
82.5°	95.7	105.7	115.9	128.3	144.2	162.7	179.4	188.6	197.7	205.6	215.1
85°	97.3	107.2	116.6	128.4	144.5	164.1	181.6	188.8	197.0	205.9	216.4
87.5°	99.4	109.3	117.8	129.1	145.5	166.0	184.3	189.4	196.5	206.3	217.9
90°	102.0	111.8	119.6	130.4	147.1	168.6	187.3	190.2	196.1	206.9	219.6
92.5°	99.4	109.3	117.8	129.1	145.5	166.0	184.3	189.4	196.5	206.3	217.9
95°	97.3	107.2	116.6	128.4	144.5	164.1	181.6	188.8	197.0	205.9	216.4
97.5°	95.7	105.7	115.9	128.3	144.2	162.7	179.4	188.6	197.7	205.6	215.1
100°	94.6	104.9	115.8	128.7	144.3	161.8	177.9	188.9	198.4	205.5	214.0
102.5°	94.1	104.8	116.4	129.5	144.7	161.5	177.2	189.7	199.1	205.3	213.2
105°	94.0	105.5	117.5	130.7	145.4	161.6	177.5	191.1	199.7	205.0	212.6
107.5°	91.7	103.6	116.8	131.1	146.3	162.2	179.1	193.2	200.1	204.5	212.2
110°	89.4	100.9	113.5	127.1	142.0	158.6	177.2	192.9	199.3	203.9	212.2



TEST NUMBER: P232061

CATALOG NUMBER: FVS4WM-3-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°	87.1	98.2	110.2	123.3	137.7	153.7	170.4	184.2	190.2	196.2	207.0
115°	84.9	95.5	106.9	119.5	133.3	148.6	163.5	174.8	181.7	189.0	200.7
117.5°	82.6	92.7	103.8	115.7	128.8	143.4	156.7	166.2	173.8	182.8	195.0
120°	80.2	89.8	100.4	111.8	124.3	137.4	149.5	158.4	166.5	177.1	189.8
122.5°	77.4	86.8	96.8	107.5	119.5	131.2	142.0	151.3	160.0	171.7	184.8
125°	77.0	84.5	92.7	103.1	114.0	125.0	135.5	145.0	155.1	167.0	180.0
127.5°	76.2	83.3	91.0	99.5	108.3	119.2	129.8	139.4	150.8	162.9	175.8
130°	75.2	81.9	89.2	96.9	105.4	115.2	124.8	135.4	147.0	159.1	172.3
132.5°	73.6	80.0	86.6	93.7	102.2	110.9	119.7	130.4	141.9	154.2	168.6
135°	71.5	77.2	83.2	90.6	98.2	105.9	114.9	124.8	135.6	147.5	160.6
137.5°	68.3	73.6	79.9	86.5	93.3	100.9	109.5	118.9	128.9	140.2	152.7
140°	64.3	69.8	75.5	81.5	88.1	95.6	103.7	112.3	121.9	132.2	144.1
142.5°	60.0	65.0	70.2	76.2	82.6	89.7	97.2	105.4	114.1	124.2	134.6
145°	54.6	59.3	64.7	70.4	76.6	83.1	90.2	97.6	106.1	115.2	123.7
147.5°	49.1	53.5	58.5	64.0	69.8	75.9	82.2	89.4	97.2	104.7	111.8
150°	46.2	49.3	52.4	56.8	62.1	67.5	73.8	80.5	86.9	92.9	99.1
152.5°	43.8	46.7	49.5	52.4	55.5	59.0	64.5	69.8	74.9	80.0	85.6
155°	41.2	43.8	46.5	49.6	52.8	56.0	58.5	61.1	63.7	66.6	71.1
157.5°	38.6	41.4	44.1	46.9	49.3	51.6	53.9	56.4	58.9	61.4	63.6
160°	36.4	38.6	40.7	42.9	44.9	47.1	49.4	51.6	53.7	55.6	57.5
162.5°	33.0	34.9	36.8	38.8	40.7	42.7	44.6	46.3	48.0	49.6	51.1
165°	29.4	31.1	32.8	34.6	36.1	37.7	39.2	40.6	42.0	43.2	44.4
167.5°	25.6	27.0	28.3	29.7	31.0	32.3	33.4	34.5	35.6	36.6	37.5
170°	21.2	22.3	23.4	24.4	25.4	26.4	27.3	28.2	29.0	29.9	30.8
172.5°	16.5	17.3	18.1	18.9	19.7	20.5	21.3	22.0	22.8	23.4	24.1
175°	12.0	12.6	13.2	13.8	14.3	14.9	15.4	15.9	16.3	16.8	17.3
177.5°	7.5	7.7	8.0	8.3	8.6	8.8	9.1	9.3	9.5	9.8	10.0
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: P232061

CATALOG NUMBER: FVS4WM-3-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°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
2.5°	10.1	10.3	10.5	10.6	10.7	10.9	11.0	11.0	11.1	11.1	12.3
5°	17.7	18.1	18.5	18.8	19.1	19.4	19.7	19.9	20.1	20.3	22.5
7.5°	24.7	25.4	25.9	26.6	27.1	27.7	28.2	28.7	29.1	29.4	32.8
10°	31.7	32.5	33.2	34.0	34.8	35.7	36.5	37.2	37.9	38.6	43.0
12.5°	38.5	39.5	40.5	41.4	42.3	43.4	44.6	45.7	46.7	47.7	53.2
15°	45.5	46.5	47.7	48.8	49.9	50.9	52.4	54.0	55.5	56.9	63.3
17.5°	52.4	53.7	54.8	56.1	57.4	58.6	60.1	62.2	64.1	66.0	73.4
20°	59.3	60.7	62.1	63.4	64.9	66.3	67.7	70.2	72.7	75.2	83.5
22.5°	65.7	67.7	69.3	70.8	72.2	73.9	75.5	78.1	81.2	84.3	93.6
25°	75.4	79.4	83.3	86.8	90.1	93.6	96.8	100.6	105.3	109.7	120.1
27.5°	91.1	96.1	100.9	105.5	110.0	114.4	118.7	123.2	129.3	135.1	146.8
30°	105.6	112.0	117.7	123.3	129.1	134.7	140.3	145.6	153.2	160.5	173.5
32.5°	119.2	126.8	134.0	140.6	147.5	154.6	161.5	168.1	177.0	185.9	200.2
35°	132.0	140.8	149.6	157.4	165.3	173.9	182.3	190.3	200.6	211.2	226.9
37.5°	144.2	154.0	164.3	173.7	182.8	192.7	202.7	212.4	224.0	236.6	253.7
40°	155.6	166.6	178.2	189.5	199.6	211.0	222.9	234.2	247.4	262.0	280.4
42.5°	166.3	178.8	191.6	205.3	216.4	228.9	243.1	255.8	270.7	287.4	307.2
45°	175.7	190.3	204.5	219.3	232.8	246.3	262.2	277.2	293.8	312.8	334.0
47.5°	183.9	198.7	212.1	225.9	239.2	252.3	269.4	286.2	304.6	325.9	349.2
50°	186.3	200.9	214.3	227.8	241.6	256.0	274.9	294.4	315.2	338.9	364.4
52.5°	189.8	203.8	217.0	230.1	243.8	259.8	280.3	302.3	325.7	352.0	379.6
55°	194.0	207.5	220.4	232.8	246.2	263.3	285.4	310.0	336.1	365.1	394.8
57.5°	198.6	212.1	224.2	236.0	249.0	266.8	290.3	317.6	346.5	378.1	410.0
60°	203.6	217.4	229.0	239.8	252.2	270.1	295.0	325.0	356.8	391.2	425.3
62.5°	209.1	223.1	233.6	244.0	255.6	273.4	299.7	332.3	367.1	404.3	440.6
65°	214.9	228.9	239.1	248.5	259.4	276.5	304.3	339.5	377.4	417.3	455.8
67.5°	221.0	235.0	245.2	253.4	263.4	279.7	308.8	346.7	387.7	430.4	471.0
70°	224.3	236.8	245.8	252.5	262.0	277.5	305.7	343.6	385.8	429.5	474.6
72.5°	223.2	234.5	243.2	249.3	259.2	274.8	302.3	340.4	383.9	428.7	478.2
75°	222.7	232.6	240.8	246.1	256.5	272.4	299.2	337.2	382.0	427.8	483.7
77.5°	222.8	231.3	238.6	242.9	253.7	270.2	296.3	334.2	380.2	426.9	486.7
80°	223.3	230.2	236.5	239.8	251.0	268.3	293.6	331.4	378.5	426.1	489.8
82.5°	224.3	229.5	234.6	236.8	248.3	266.6	291.2	328.7	376.9	425.2	492.8
85°	225.5	229.0	232.8	233.9	245.8	265.2	289.0	326.1	375.4	424.3	495.9
87.5°	226.9	228.7	231.1	231.1	243.4	263.9	287.1	323.8	373.9	423.5	498.9
90°	228.4	228.4	229.4	228.4	241.2	262.8	285.3	321.6	372.6	422.6	502.0
92.5°	226.9	228.7	231.1	231.1	243.4	263.9	287.1	323.8	373.9	423.5	498.9
95°	225.5	229.0	232.8	233.9	245.8	265.2	289.0	326.1	375.4	424.3	495.9
97.5°	224.3	229.5	234.6	236.8	248.3	266.6	291.2	328.7	376.9	425.2	492.8
100°	223.3	230.2	236.5	239.8	251.0	268.3	293.6	331.4	378.5	426.1	489.8
102.5°	222.8	231.3	238.6	242.9	253.7	270.2	296.3	334.2	380.2	426.9	486.7
105°	222.7	232.6	240.8	246.1	256.5	272.4	299.2	337.2	382.0	427.8	483.7
107.5°	223.2	234.5	243.2	249.3	259.2	274.8	302.3	340.4	383.9	428.7	478.2
110°	224.3	236.8	245.8	252.5	262.0	277.5	305.7	343.6	385.8	429.5	474.6





TEST NUMBER: P232061

CATALOG NUMBER: FVS4WM-3-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°	221.0	235.0	245.2	253.4	263.4	279.7	308.8	346.7	387.7	430.4	471.0
115°	214.9	228.9	239.1	248.5	259.4	276.5	304.3	339.5	377.4	417.3	455.8
117.5°	209.1	223.1	233.6	244.0	255.6	273.4	299.7	332.3	367.1	404.3	440.6
120°	203.6	217.4	229.0	239.8	252.2	270.1	295.0	325.0	356.8	391.2	425.3
122.5°	198.6	212.1	224.2	236.0	249.0	266.8	290.3	317.6	346.5	378.1	410.0
125°	194.0	207.5	220.4	232.8	246.2	263.3	285.4	310.0	336.1	365.1	394.8
127.5°	189.8	203.8	217.0	230.1	243.8	259.8	280.3	302.3	325.7	352.0	379.6
130°	186.3	200.9	214.3	227.8	241.6	256.0	274.9	294.4	315.2	338.9	364.4
132.5°	183.9	198.7	212.1	225.9	239.2	252.3	269.4	286.2	304.6	325.9	349.2
135°	175.7	190.3	204.5	219.3	232.8	246.3	262.2	277.2	293.8	312.8	334.0
137.5°	166.3	178.8	191.6	205.3	216.4	228.9	243.1	255.8	270.7	287.4	307.2
140°	155.6	166.6	178.2	189.5	199.6	211.0	222.9	234.2	247.4	262.0	280.4
142.5°	144.2	154.0	164.3	173.7	182.8	192.7	202.7	212.4	224.0	236.6	253.7
145°	132.0	140.8	149.6	157.4	165.3	173.9	182.3	190.3	200.6	211.2	226.9
147.5°	119.2	126.8	134.0	140.6	147.5	154.6	161.5	168.1	177.0	185.9	200.2
150°	105.6	112.0	117.7	123.3	129.1	134.7	140.3	145.6	153.2	160.5	173.5
152.5°	91.1	96.1	100.9	105.5	110.0	114.4	118.7	123.2	129.3	135.1	146.8
155°	75.4	79.4	83.3	86.8	90.1	93.6	96.8	100.6	105.3	109.7	120.1
157.5°	65.7	67.7	69.3	70.8	72.2	73.9	75.5	78.1	81.2	84.3	93.6
160°	59.3	60.7	62.1	63.4	64.9	66.3	67.7	70.2	72.7	75.2	83.5
162.5°	52.4	53.7	54.8	56.1	57.4	58.6	60.1	62.2	64.1	66.0	73.4
165°	45.5	46.5	47.7	48.8	49.9	50.9	52.4	54.0	55.5	56.9	63.3
167.5°	38.5	39.5	40.5	41.4	42.3	43.4	44.6	45.7	46.7	47.7	53.2
170°	31.7	32.5	33.2	34.0	34.8	35.7	36.5	37.2	37.9	38.6	43.0
172.5°	24.7	25.4	25.9	26.6	27.1	27.7	28.2	28.7	29.1	29.4	32.8
175°	17.7	18.1	18.5	18.8	19.1	19.4	19.7	19.9	20.1	20.3	22.5
177.5°	10.1	10.3	10.5	10.6	10.7	10.9	11.0	11.0	11.1	11.1	12.3
180°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0



TEST NUMBER: P232061

CATALOG NUMBER: FVS4WM-3-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°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
2.5°	13.4	14.5	15.6	16.6	17.6	18.6	19.6	20.5	21.4	22.2	23.0
5°	24.7	26.9	29.0	31.1	33.1	35.1	37.0	38.8	40.6	42.2	43.9
7.5°	36.0	39.3	42.4	45.5	48.5	51.4	54.4	57.8	61.2	64.5	67.6
10°	47.3	51.6	55.7	59.8	63.9	68.8	73.6	78.2	82.7	87.0	91.4
12.5°	58.5	63.8	68.9	74.4	80.7	86.8	92.7	98.5	103.9	109.0	113.8
15°	69.7	75.9	82.2	89.8	97.3	104.6	111.7	118.4	124.8	131.0	137.7
17.5°	80.8	87.9	96.3	105.1	113.8	122.3	130.5	138.5	146.1	152.9	159.1
20°	91.8	100.0	110.3	120.3	130.2	140.1	149.7	158.9	166.9	174.4	181.6
22.5°	102.8	112.7	124.2	135.4	146.8	158.1	169.1	178.6	187.8	196.1	202.5
25°	130.1	141.1	152.5	163.5	174.5	185.0	194.2	202.7	210.2	215.6	222.6
27.5°	158.0	170.4	182.7	194.4	205.8	216.1	225.2	233.5	239.4	244.9	245.9
30°	185.9	199.5	212.8	224.6	237.0	245.8	255.0	261.7	267.8	269.7	269.8
32.5°	214.1	228.4	241.9	254.1	265.1	274.5	282.6	289.2	292.8	293.6	294.0
35°	242.1	257.2	270.7	282.9	293.0	302.8	309.3	315.2	316.6	317.6	318.2
37.5°	270.1	285.7	299.0	310.9	320.1	328.3	335.3	338.8	340.7	341.6	342.8
40°	297.8	314.1	326.7	337.7	346.3	353.8	360.1	362.4	364.2	365.6	368.5
42.5°	325.5	342.1	354.0	363.7	371.7	378.7	383.4	386.0	388.0	390.2	393.1
45°	353.0	369.3	380.7	389.1	396.3	403.1	406.7	409.4	411.7	414.3	418.3
47.5°	371.1	390.7	406.4	417.4	427.0	434.3	436.5	435.5	435.3	437.9	442.9
50°	389.2	412.3	432.7	448.2	464.0	476.8	484.8	489.3	490.2	487.1	481.6
52.5°	407.5	434.8	459.9	480.5	503.6	522.2	536.4	547.0	553.9	552.5	548.7
55°	426.1	458.0	488.1	514.8	545.6	570.4	591.3	608.5	620.3	618.4	613.1
57.5°	444.8	481.9	517.3	551.2	589.4	621.2	648.9	673.3	685.8	683.5	675.3
60°	463.8	506.4	547.4	589.1	634.7	674.2	709.2	741.3	751.6	746.1	735.6
62.5°	482.9	531.4	578.2	628.3	681.6	728.9	771.9	812.1	817.8	806.8	792.3
65°	502.1	556.8	609.5	668.6	729.8	785.2	836.6	879.8	884.2	865.8	845.5
67.5°	521.3	582.5	641.4	709.8	779.3	842.9	903.0	945.2	945.4	922.7	895.7
70°	526.0	588.3	648.5	721.7	796.5	869.4	941.9	990.0	995.7	975.0	945.9
72.5°	529.9	592.2	651.5	725.5	800.5	876.1	952.7	1002.2	1015.7	1001.8	979.1
75°	533.6	595.6	653.9	728.4	803.4	882.3	963.1	1016.7	1040.1	1030.2	1011.2
77.5°	537.0	598.5	655.7	730.3	805.5	887.9	972.7	1032.9	1067.8	1060.0	1044.1
80°	541.8	601.0	656.9	731.4	806.6	892.7	981.5	1050.1	1098.0	1091.0	1077.7
82.5°	544.1	604.6	659.5	731.6	806.8	896.7	989.3	1067.9	1129.9	1123.0	1111.8
85°	546.4	605.4	658.7	732.4	807.9	902.2	999.0	1088.7	1162.4	1155.8	1146.5
87.5°	548.7	606.1	657.8	730.0	804.9	902.1	1002.0	1103.2	1195.5	1189.0	1181.4
90°	551.0	606.9	656.9	727.5	802.0	902.0	1005.0	1117.7	1225.6	1222.6	1216.7
92.5°	548.7	606.1	657.8	730.0	804.9	902.1	1002.0	1103.2	1195.5	1189.0	1181.4
95°	546.4	605.4	658.7	732.4	807.9	902.2	999.0	1088.7	1162.4	1155.8	1146.5
97.5°	544.1	604.6	659.5	731.6	806.8	896.7	989.3	1067.9	1129.9	1123.0	1111.8
100°	541.8	601.0	656.9	731.4	806.6	892.7	981.5	1050.1	1098.0	1091.0	1077.7
102.5°	537.0	598.5	655.7	730.3	805.5	887.9	972.7	1032.9	1067.8	1060.0	1044.1
105°	533.6	595.6	653.9	728.4	803.4	882.3	963.1	1016.7	1040.1	1030.2	1011.2
107.5°	529.9	592.2	651.5	725.5	800.5	876.1	952.7	1002.2	1015.7	1001.8	979.1
110°	526.0	588.3	648.5	721.7	796.5	869.4	941.9	990.0	995.7	975.0	945.9



TEST NUMBER: P232061

CATALOG NUMBER: FVS4WM-3-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°	521.3	582.5	641.4	709.8	779.3	842.9	903.0	945.2	945.4	922.7	895.7
115°	502.1	556.8	609.5	668.6	729.8	785.2	836.6	879.8	884.2	865.8	845.5
117.5°	482.9	531.4	578.2	628.3	681.6	728.9	771.9	812.1	817.8	806.8	792.3
120°	463.8	506.4	547.4	589.1	634.7	674.2	709.2	741.3	751.6	746.1	735.6
122.5°	444.8	481.9	517.3	551.2	589.4	621.2	648.9	673.3	685.8	683.4	675.3
125°	426.1	458.0	488.1	514.8	545.6	570.4	591.3	608.5	620.3	618.4	613.1
127.5°	407.5	434.8	459.9	480.5	503.6	522.2	536.4	547.0	553.9	552.5	548.7
130°	389.2	412.3	432.7	448.2	464.0	476.8	484.8	489.3	490.2	487.1	481.6
132.5°	371.1	390.7	406.4	417.4	427.0	434.3	436.5	435.5	435.3	437.9	442.9
135°	353.0	369.3	380.7	389.1	396.3	403.1	406.7	409.4	411.7	414.3	418.3
137.5°	325.5	342.1	354.0	363.7	371.7	378.7	383.4	386.0	388.0	390.2	393.1
140°	297.8	314.1	326.7	337.7	346.3	353.8	360.1	362.4	364.2	365.6	368.5
142.5°	270.1	285.7	299.0	310.9	320.1	328.3	335.3	338.8	340.7	341.6	342.8
145°	242.1	257.2	270.7	282.9	293.0	302.8	309.3	315.2	316.6	317.6	318.2
147.5°	214.1	228.4	241.9	254.1	265.1	274.5	282.6	289.2	292.8	293.6	294.0
150°	185.9	199.5	212.8	224.6	237.0	245.8	255.0	261.7	267.8	269.7	269.8
152.5°	158.0	170.4	182.7	194.4	205.8	216.1	225.2	233.5	239.4	244.9	245.9
155°	130.1	141.1	152.5	163.5	174.5	185.0	194.2	202.7	210.2	215.6	222.6
157.5°	102.8	112.7	124.2	135.4	146.8	158.1	169.1	178.6	187.8	196.1	202.5
160°	91.8	100.0	110.3	120.3	130.2	140.1	149.7	158.9	166.9	174.4	181.6
162.5°	80.8	87.9	96.3	105.1	113.8	122.3	130.5	138.5	146.1	152.9	159.1
165°	69.7	75.9	82.2	89.8	97.3	104.6	111.7	118.4	124.8	131.0	137.7
167.5°	58.5	63.8	68.9	74.4	80.7	86.8	92.7	98.5	103.9	109.0	113.8
170°	47.3	51.6	55.7	59.8	63.9	68.8	73.6	78.2	82.7	87.0	91.4
172.5°	36.0	39.3	42.4	45.5	48.5	51.4	54.4	57.8	61.2	64.5	67.6
175°	24.7	26.9	29.0	31.1	33.1	35.1	37.0	38.8	40.6	42.2	43.9
177.5°	13.4	14.5	15.6	16.6	17.6	18.6	19.6	20.5	21.4	22.2	23.0
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: P232061

CATALOG NUMBER: FVS4WM-3-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°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
2.5°	23.8	24.5	25.2	25.9	26.5	27.0	27.5	28.0	28.4	28.8	29.1
5°	45.9	47.8	49.6	51.3	52.9	54.4	55.8	57.0	58.2	59.2	60.2
7.5°	70.6	73.4	76.2	78.7	81.0	83.0	84.7	86.3	87.8	89.0	90.1
10°	94.8	98.3	101.5	104.5	107.3	109.9	112.3	114.2	115.7	117.0	118.0
12.5°	118.4	122.8	126.8	130.0	133.0	135.7	138.1	140.2	142.1	143.6	144.9
15°	141.9	146.5	150.7	154.7	158.2	161.2	163.9	166.3	168.4	170.2	172.1
17.5°	164.9	171.1	174.7	178.7	182.4	185.9	189.1	192.4	195.6	198.9	202.1
20°	187.4	192.5	197.4	201.7	205.2	208.9	212.6	216.5	220.7	225.0	229.3
22.5°	208.5	213.7	217.0	220.4	224.3	228.4	232.9	237.6	243.0	249.8	256.4
25°	226.5	229.1	232.7	235.9	240.0	244.6	251.6	259.2	266.9	275.2	284.5
27.5°	245.5	244.8	244.4	248.0	254.7	262.5	271.6	280.8	291.3	301.9	313.4
30°	269.7	269.3	269.2	271.6	273.7	279.7	290.9	302.4	316.0	329.6	344.2
32.5°	294.1	295.1	297.8	300.8	305.9	310.6	317.0	325.1	341.0	359.8	378.4
35°	319.5	322.6	326.4	331.9	338.0	345.9	353.4	364.9	375.4	395.8	424.5
37.5°	346.0	350.0	355.8	363.1	372.0	382.9	396.5	412.0	434.4	457.8	482.7
40°	371.9	377.9	385.5	395.4	408.8	424.4	446.8	472.3	501.4	532.7	563.7
42.5°	398.6	405.6	416.3	430.8	448.4	475.1	503.9	539.1	577.2	612.1	648.3
45°	424.1	434.9	448.9	468.6	497.2	529.0	568.1	607.8	650.7	694.5	742.1
47.5°	451.5	463.2	484.8	512.9	547.7	588.9	632.2	679.6	730.0	782.4	836.6
50°	480.8	497.3	522.7	560.1	602.0	647.3	698.9	753.5	813.2	870.0	930.2
52.5°	547.0	555.0	577.0	608.4	656.6	708.8	766.1	829.1	890.0	955.3	1024.2
55°	612.4	620.9	645.0	675.9	718.8	770.1	831.4	897.6	965.7	1036.9	1117.4
57.5°	672.7	683.8	706.0	738.4	784.8	840.0	900.1	964.8	1035.9	1116.7	1206.0
60°	730.0	740.3	762.4	798.8	847.1	903.5	965.5	1032.2	1106.6	1189.2	1292.8
62.5°	786.2	793.7	813.7	852.6	904.3	961.4	1024.2	1093.9	1176.0	1270.2	1375.5
65°	837.4	842.8	864.7	904.1	955.6	1011.7	1076.2	1154.3	1243.5	1343.8	1457.8
67.5°	884.0	886.8	910.4	951.6	1001.4	1057.5	1124.7	1207.9	1302.5	1410.8	1547.5
70°	928.7	927.5	951.0	994.1	1040.8	1097.4	1171.1	1257.7	1355.0	1470.2	1626.9
72.5°	965.9	966.9	989.9	1031.5	1074.9	1133.8	1211.1	1298.3	1398.0	1527.4	1684.1
75°	999.5	1000.5	1021.0	1055.4	1097.7	1159.0	1242.1	1331.0	1429.8	1568.1	1738.7
77.5°	1032.3	1030.9	1047.5	1074.0	1113.0	1175.6	1259.4	1355.0	1466.2	1609.2	1784.1
80°	1064.6	1058.8	1070.2	1088.1	1123.9	1186.4	1273.0	1375.2	1495.9	1649.5	1829.0
82.5°	1096.6	1084.9	1089.8	1098.7	1130.9	1191.9	1282.8	1391.2	1516.9	1676.9	1866.8
85°	1128.6	1109.7	1107.2	1106.8	1134.7	1192.9	1288.5	1402.6	1529.6	1691.8	1895.3
87.5°	1160.4	1133.8	1123.2	1113.3	1136.8	1191.3	1292.1	1411.8	1537.8	1700.0	1919.8
90°	1193.2	1158.9	1139.3	1119.7	1136.3	1184.4	1286.3	1408.9	1531.4	1687.3	1915.8
92.5°	1160.4	1133.8	1123.2	1113.3	1136.8	1191.3	1292.1	1411.8	1537.8	1700.0	1919.8
95°	1128.6	1109.7	1107.2	1106.8	1134.7	1192.9	1288.5	1402.6	1529.6	1691.8	1895.3
97.5°	1096.6	1084.9	1089.8	1098.7	1130.9	1191.9	1282.8	1391.2	1516.9	1676.9	1866.8
100°	1064.6	1058.8	1070.2	1088.1	1123.9	1186.4	1273.0	1375.2	1495.9	1649.5	1829.0
102.5°	1032.3	1030.9	1047.5	1074.0	1113.0	1175.6	1259.4	1355.0	1466.2	1609.2	1784.1
105°	999.5	1000.5	1021.0	1055.4	1097.7	1159.0	1242.1	1331.0	1429.8	1568.1	1738.7
107.5°	965.9	966.9	989.9	1031.5	1074.9	1133.8	1211.1	1298.3	1398.0	1527.4	1684.1
110°	928.7	927.5	951.0	994.1	1040.8	1097.4	1171.1	1257.7	1355.0	1470.2	1626.9



TEST NUMBER: P232061

CATALOG NUMBER: FVS4WM-3-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°	884.0	886.8	910.4	951.6	1001.4	1057.5	1124.7	1207.9	1302.5	1410.8	1547.5
115°	837.4	842.8	864.7	904.1	955.6	1011.7	1076.2	1154.3	1243.5	1343.8	1457.8
117.5°	786.2	793.7	813.7	852.6	904.3	961.4	1024.2	1093.9	1176.0	1270.2	1375.5
120°	730.0	740.3	762.4	798.8	847.1	903.5	965.5	1032.2	1106.6	1189.2	1292.8
122.5°	672.7	683.8	706.0	738.4	784.8	840.0	900.1	964.8	1035.9	1116.7	1206.0
125°	612.4	620.9	645.0	675.9	718.8	770.1	831.4	897.6	965.7	1036.9	1117.4
127.5°	547.0	555.0	577.0	608.4	656.6	708.8	766.1	829.1	890.0	955.3	1024.2
130°	480.8	497.3	522.7	560.1	602.0	647.3	698.9	753.5	813.2	870.0	930.2
132.5°	451.5	463.2	484.8	512.9	547.7	588.9	632.2	679.6	730.0	782.4	836.6
135°	424.1	434.9	448.9	468.6	497.2	529.0	568.1	607.8	650.7	694.5	742.1
137.5°	398.6	405.6	416.3	430.8	448.4	475.1	503.9	539.1	577.2	612.1	648.3
140°	371.9	377.9	385.5	395.4	408.8	424.4	446.8	472.3	501.4	532.7	563.7
142.5°	346.0	350.0	355.8	363.1	372.0	382.9	396.5	412.0	434.4	457.8	482.7
145°	319.5	322.6	326.4	331.9	338.0	345.9	353.4	364.9	375.4	395.8	424.5
147.5°	294.1	295.1	297.8	300.8	305.9	310.6	317.0	325.1	341.0	359.8	378.4
150°	269.7	269.3	269.2	271.6	273.7	279.7	290.9	302.4	316.0	329.6	344.2
152.5°	245.5	244.8	244.4	248.0	254.7	262.5	271.6	280.8	291.3	301.9	313.4
155°	226.5	229.1	232.7	235.9	240.0	244.6	251.6	259.2	266.9	275.2	284.5
157.5°	208.5	213.7	217.0	220.4	224.3	228.4	232.9	237.6	243.0	249.8	256.4
160°	187.4	192.5	197.4	201.7	205.2	208.9	212.6	216.5	220.7	225.0	229.3
162.5°	164.9	171.1	174.7	178.7	182.4	185.9	189.1	192.4	195.6	198.9	202.1
165°	141.9	146.5	150.7	154.7	158.2	161.2	163.9	166.3	168.4	170.2	172.1
167.5°	118.4	122.8	126.8	130.0	133.0	135.7	138.1	140.2	142.1	143.6	144.9
170°	94.8	98.3	101.5	104.5	107.3	109.9	112.3	114.2	115.7	117.0	118.0
172.5°	70.6	73.4	76.2	78.7	81.0	83.0	84.7	86.3	87.8	89.0	90.1
175°	45.9	47.8	49.6	51.3	52.9	54.4	55.8	57.0	58.2	59.2	60.2
177.5°	23.8	24.5	25.2	25.9	26.5	27.0	27.5	28.0	28.4	28.8	29.1
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):**

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
0°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
2.5°	29.3	29.6	29.7	29.8	29.9	29.9	30.7	30.3	30.0	29.6	29.2
5°	61.0	61.6	62.2	62.6	62.9	63.1	63.2	63.1	63.9	63.1	62.3
7.5°	91.0	91.7	92.3	92.7	92.9	92.9	92.7	92.4	91.9	91.9	90.7
10°	118.8	119.5	119.8	120.0	119.9	119.6	119.1	118.4	117.5	117.2	115.4
12.5°	145.9	146.7	147.2	147.5	147.5	147.2	146.7	146.0	144.9	143.6	142.6
15°	174.3	176.4	178.3	180.0	181.4	182.7	183.6	184.2	184.5	184.3	184.8
17.5°	205.2	208.4	211.4	214.2	216.9	219.3	221.4	223.2	224.6	225.6	227.2
20°	233.6	238.2	243.2	247.9	252.4	256.5	260.2	263.5	266.3	268.5	271.6
22.5°	263.0	269.4	276.4	283.3	289.8	295.9	301.5	306.6	311.0	314.8	319.6
25°	293.6	302.5	311.3	320.7	329.7	338.1	346.0	353.2	359.6	365.2	370.0
27.5°	325.4	337.2	348.7	360.8	373.2	385.0	395.9	405.9	414.9	422.8	429.5
30°	359.5	375.6	391.2	406.4	423.6	439.2	453.2	465.6	476.4	485.5	493.0
32.5°	398.6	422.1	444.0	464.3	484.7	504.1	521.0	535.5	547.6	557.4	564.9
35°	451.5	481.0	509.5	535.1	558.2	579.3	597.3	612.2	624.2	633.3	639.7
37.5°	518.8	552.5	584.6	613.1	638.1	663.1	684.7	702.1	715.5	725.0	730.9
40°	595.1	631.2	670.0	705.8	736.8	764.6	789.1	808.9	824.0	834.4	840.3
42.5°	688.7	728.9	771.2	812.2	848.0	879.7	911.8	938.5	959.5	974.8	984.2
45°	788.9	836.6	882.1	931.9	977.9	1024.0	1057.1	1089.0	1113.5	1130.6	1140.3
47.5°	890.3	947.9	1006.4	1067.2	1124.6	1173.8	1222.4	1268.4	1306.1	1334.9	1354.2
50°	995.2	1062.4	1136.5	1210.2	1293.4	1360.7	1421.1	1476.2	1524.9	1565.8	1597.4
52.5°	1100.3	1180.7	1272.9	1368.5	1462.4	1546.2	1617.3	1685.7	1747.5	1801.0	1844.4
55°	1203.8	1305.1	1409.0	1513.9	1618.7	1722.0	1810.1	1882.8	1948.4	2007.9	2059.1
57.5°	1310.1	1421.0	1534.7	1659.4	1785.0	1875.7	1964.3	2043.1	2114.1	2179.2	2236.5
60°	1407.4	1530.1	1671.1	1797.4	1907.3	2004.4	2092.3	2176.0	2251.2	2318.7	2377.5
62.5°	1498.4	1653.2	1789.3	1912.0	2013.9	2112.0	2202.6	2291.3	2365.4	2435.6	2499.3
65°	1609.3	1755.2	1887.4	1997.0	2101.0	2201.1	2295.0	2380.9	2462.7	2537.4	2600.7
67.5°	1701.0	1845.4	1958.1	2065.1	2172.0	2278.5	2376.9	2470.4	2555.2	2623.6	2681.6
70°	1778.1	1914.6	2028.0	2126.8	2238.3	2345.8	2449.4	2545.4	2630.7	2706.8	2765.7
72.5°	1843.0	1980.8	2089.2	2195.7	2297.6	2402.2	2515.7	2616.0	2714.1	2787.9	2837.6
75°	1900.9	2030.7	2141.1	2247.1	2350.3	2464.3	2571.3	2672.5	2761.0	2847.3	2907.9
77.5°	1951.0	2074.7	2178.9	2283.5	2395.4	2510.8	2616.7	2706.2	2809.9	2901.3	2964.4
80°	1987.3	2103.1	2202.6	2309.3	2424.4	2549.9	2649.0	2749.7	2852.3	2943.5	2993.6
82.5°	2017.7	2127.5	2226.6	2331.7	2446.2	2564.1	2672.2	2778.2	2889.2	2973.5	3018.4
85°	2039.2	2142.8	2239.8	2349.1	2466.1	2579.9	2684.2	2790.9	2900.7	2989.7	3045.2
87.5°	2056.3	2149.3	2242.4	2355.5	2469.6	2582.6	2688.8	2801.4	2910.4	2998.7	3042.4
90°	2053.0	2147.2	2235.4	2350.1	2458.0	2569.7	2677.6	2790.3	2903.1	2985.4	3034.5
92.5°	2056.3	2149.3	2242.4	2355.5	2469.6	2582.6	2688.8	2801.4	2910.4	2998.7	3042.4
95°	2039.2	2142.8	2239.8	2349.1	2466.1	2579.9	2684.2	2790.9	2900.7	2989.7	3045.2
97.5°	2017.7	2127.5	2226.6	2331.7	2446.2	2564.1	2672.2	2778.2	2889.2	2973.5	3018.4
100°	1987.3	2103.1	2202.6	2309.3	2424.4	2549.9	2649.0	2749.7	2852.3	2943.5	2993.6
102.5°	1951.0	2074.7	2178.9	2283.5	2395.4	2510.8	2616.7	2706.2	2809.9	2901.3	2964.4
105°	1900.9	2030.7	2141.1	2247.1	2350.3	2464.3	2571.3	2672.5	2761.0	2847.3	2907.9
107.5°	1843.0	1980.8	2089.2	2195.7	2297.6	2402.2	2515.7	2616.0	2714.1	2787.9	2837.6
110°	1778.1	1914.6	2028.0	2126.8	2238.3	2345.8	2449.4	2545.4	2630.7	2706.8	2765.7



TEST NUMBER: P232061

CATALOG NUMBER: FVS4WM-3-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°	1701.0	1845.4	1958.1	2065.1	2172.0	2278.5	2376.9	2470.4	2555.2	2623.6	2681.6
115°	1609.3	1755.2	1887.3	1997.0	2101.0	2201.1	2295.0	2380.9	2462.7	2537.4	2600.7
117.5°	1498.4	1653.2	1789.3	1912.0	2013.9	2112.0	2202.6	2291.3	2365.4	2435.6	2499.3
120°	1407.4	1530.1	1671.1	1797.4	1907.3	2004.4	2092.3	2176.0	2251.2	2318.7	2377.5
122.5°	1310.1	1421.0	1534.7	1659.4	1785.0	1875.7	1964.3	2043.1	2114.1	2179.2	2236.5
125°	1203.8	1305.1	1409.0	1513.9	1618.7	1722.0	1810.1	1882.8	1948.4	2007.9	2059.1
127.5°	1100.3	1180.7	1272.9	1368.5	1462.4	1546.2	1617.3	1685.7	1747.5	1801.0	1844.4
130°	995.2	1062.4	1136.5	1210.2	1293.4	1360.7	1421.1	1476.2	1524.9	1565.8	1597.4
132.5°	890.3	947.9	1006.4	1067.2	1124.6	1173.8	1222.4	1268.4	1306.1	1334.9	1354.2
135°	788.9	836.6	882.1	931.9	977.9	1024.0	1057.1	1089.0	1113.5	1130.6	1140.3
137.5°	688.7	728.9	771.2	812.2	848.0	879.7	911.8	938.5	959.5	974.8	984.2
140°	595.1	631.2	670.0	705.8	736.8	764.6	789.1	808.9	824.0	834.4	840.3
142.5°	518.8	552.5	584.6	613.1	638.1	663.1	684.7	702.1	715.5	725.0	730.9
145°	451.5	481.0	509.5	535.1	558.2	579.3	597.3	612.2	624.2	633.3	639.7
147.5°	398.6	422.1	444.0	464.3	484.7	504.1	521.0	535.5	547.6	557.4	564.9
150°	359.5	375.6	391.2	406.4	423.6	439.2	453.2	465.6	476.4	485.5	493.0
152.5°	325.4	337.2	348.7	360.8	373.2	385.0	395.9	405.9	414.9	422.8	429.5
155°	293.6	302.5	311.3	320.7	329.7	338.1	346.0	353.2	359.6	365.2	370.0
157.5°	263.0	269.4	276.4	283.3	289.8	295.9	301.5	306.6	311.0	314.8	319.6
160°	233.6	238.2	243.2	247.9	252.4	256.5	260.2	263.5	266.3	268.5	271.6
162.5°	205.2	208.4	211.4	214.2	216.9	219.3	221.4	223.2	224.6	225.6	227.2
165°	174.3	176.4	178.3	180.0	181.4	182.7	183.6	184.2	184.5	184.3	184.8
167.5°	145.9	146.7	147.2	147.5	147.5	147.2	146.7	146.0	144.9	143.6	142.6
170°	118.8	119.5	119.8	120.0	119.9	119.6	119.1	118.4	117.5	117.2	115.4
172.5°	91.0	91.7	92.3	92.7	92.9	92.9	92.7	92.4	91.9	91.9	90.7
175°	61.0	61.6	62.2	62.6	62.9	63.1	63.2	63.1	63.9	63.1	62.3
177.5°	29.3	29.6	29.7	29.8	29.9	29.9	30.7	30.3	30.0	29.6	29.2
180°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0



TEST NUMBER: P232061

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**CANDELA DISTRIBUTION (continued):**

	357.5°	360°
0°	2.0	2.0
2.5°	28.8	28.4
5°	61.6	60.8
7.5°	89.4	88.2
10°	113.6	111.8
12.5°	140.4	138.2
15°	183.1	181.4
17.5°	226.4	225.5
20°	271.6	271.6
22.5°	320.6	321.6
25°	374.3	376.5
27.5°	435.7	439.2
30°	499.6	503.0
32.5°	571.3	573.6
35°	644.7	645.1
37.5°	734.7	732.4
40°	843.9	839.3
42.5°	990.6	985.3
45°	1146.1	1138.3
47.5°	1369.0	1362.8
50°	1624.8	1626.6
52.5°	1883.4	1894.2
55°	2107.1	2128.5
57.5°	2290.7	2320.7
60°	2432.3	2465.8
62.5°	2555.1	2601.1
65°	2653.0	2695.2
67.5°	2729.7	2768.8
70°	2810.1	2842.3
72.5°	2874.8	2901.1
75°	2937.4	2952.1
77.5°	2986.0	2997.2
80°	3017.2	3029.6
82.5°	3039.4	3057.0
85°	3052.8	3073.7
87.5°	3067.6	3084.5
90°	3051.1	3076.6
92.5°	3067.6	3084.5
95°	3052.8	3073.7
97.5°	3039.4	3057.0
100°	3017.2	3029.6
102.5°	2986.0	2997.2
105°	2937.4	2952.1
107.5°	2874.8	2901.1
110°	2810.1	2842.3





TEST NUMBER: P232061

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**CANDELA DISTRIBUTION (continued):**

	357.5°	360°
112.5°	2729.7	2768.8
115°	2653.0	2695.2
117.5°	2555.1	2601.1
120°	2432.3	2465.8
122.5°	2290.7	2320.7
125°	2107.1	2128.5
127.5°	1883.4	1894.2
130°	1624.8	1626.6
132.5°	1369.0	1362.8
135°	1146.1	1138.3
137.5°	990.6	985.3
140°	843.9	839.3
142.5°	734.7	732.4
145°	644.7	645.1
147.5°	571.3	573.6
150°	499.6	503.0
152.5°	435.7	439.2
155°	374.3	376.5
157.5°	320.6	321.6
160°	271.6	271.6
162.5°	226.4	225.5
165°	183.1	181.4
167.5°	140.4	138.2
170°	113.6	111.8
172.5°	89.4	88.2
175°	61.6	60.8
177.5°	28.8	28.4
180°	2.0	2.0

(END OF REPORT)