

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: P232054

Luminaire Tested: **FVS4WM-3-LD4-40-2LO-P125-UNV-EDC1**

Issue Date: 3/3/2020



**Test Information**

Test Method: LM-79-08  
Report Number: P232054  
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-LD4-40-2LO-P125-UNV-EDC1  
Description: FAILSAFE FVS LED FIXTURE  
3FT LENGTH, 2-MODULE LED WITH P125 LENS  
Light Source: (168) 4000K CCT, 80 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

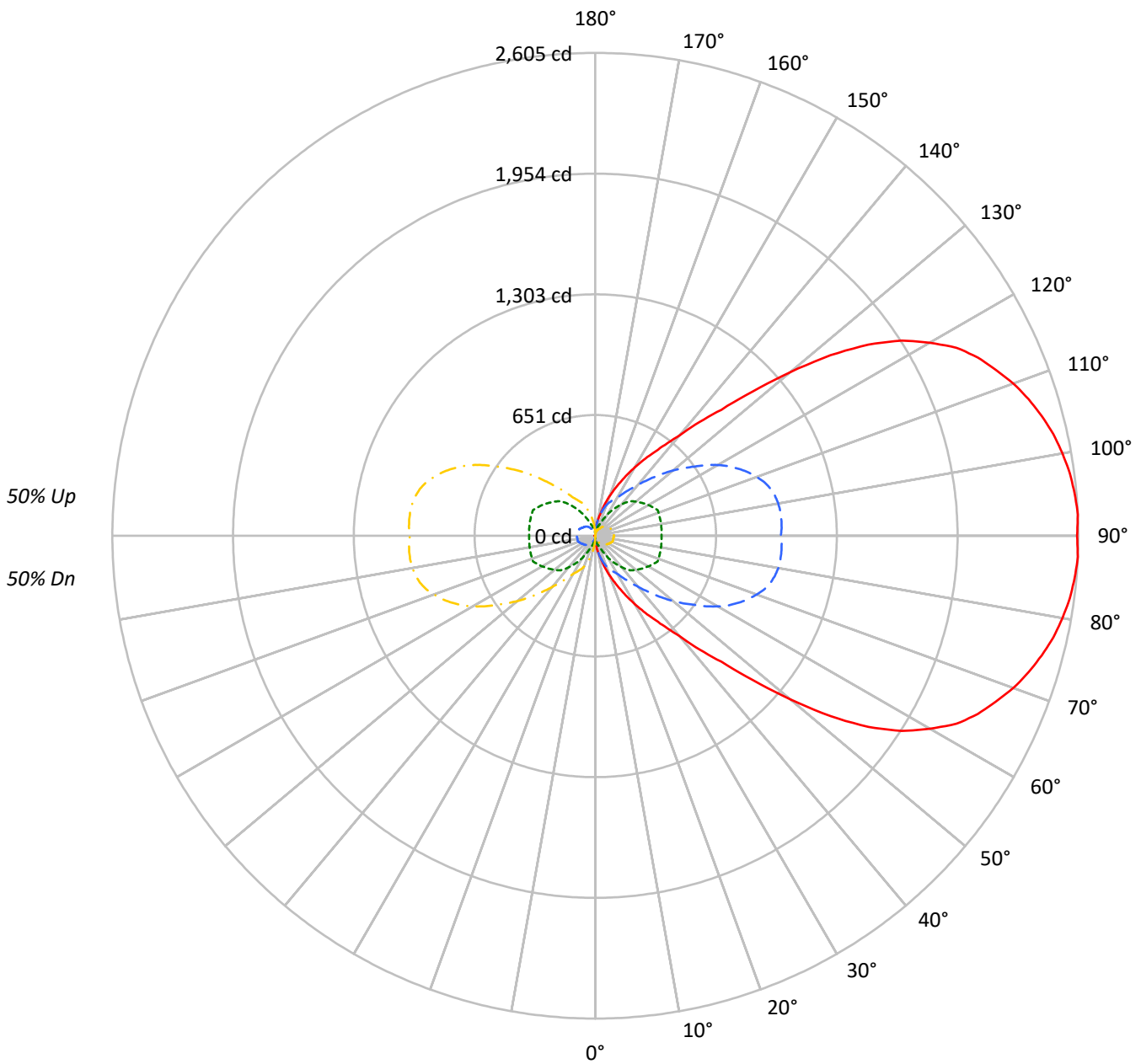
Lumens per Lamp: N/A  
Luminaire Lumens: 6139.3 lumens  
Efficiency: N/A  
Efficacy: 108.1 lumens/watt  
Spacing Criteria (0/90/45): 22.94 / 14.86 / 15.48  
Luminous Opening: Rectangular w/ Sides (W: 2.92' x L: 0.19' x H: 0.31')  
CIE Type: General Diffuse

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

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### Luminous Intensity Polar Plot



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



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

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

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

	0°	90°	180°	270°
0°	33	33	33	33
5°	885	335	14	335
10°	1458	639	12	639
15°	2158	951	11	951
20°	2989	1280	10	1280
25°	3885	1915	10	1915
30°	4920	2900	20	2900
35°	6041	3987	19	3987
40°	7592	5215	18	5215
45°	10034	6640	18	6640
50°	14085	7771	17	7771
55°	18248	9175	17	9175
60°	21091	10970	25	10970
65°	23175	13350	25	13350
70°	24759	16130	26	16130
75°	26258	19628	26	19628
80°	27744	25368	0	25368
85°	29236	36383	0	36383



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	3.2	0.1
10°-20°	22.0	0.4
20°-30°	61.0	1.0
30°-40°	132.1	2.2
40°-50°	254.1	4.1
50°-60°	437.0	7.1
60°-70°	617.5	10.1
70°-80°	741.3	12.1
80°-90°	801.5	13.1
90°-100°	801.5	13.1
100°-110°	741.3	12.1
110°-120°	617.5	10.1
120°-130°	437.0	7.1
130°-140°	254.1	4.1
140°-150°	132.1	2.2
150°-160°	61.0	1.0
160°-170°	22.0	0.4
170°-180°	3.2	0.1
0°-30°	86.2	1.4
0°-40°	218.3	3.6
0°-60°	909.4	14.8
0°-90°	3069.6	50.0
90°-120°	2160.3	35.2
90°-150°	2983.4	48.6
90°-180°	3070.0	50.0
0°-180°	6139.3	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	2	2	2	2	2	
5°	51	17	1	17	51	6
15°	153	48	1	48	153	46
25°	318	93	1	93	318	152
35°	545	178	2	178	545	351
45°	961	264	2	264	961	779
55°	1798	308	2	308	1798	1595
65°	2276	352	2	352	2276	2248
75°	2493	361	2	361	2493	2633
85°	2596	358	0	358	2596	2113
90°	2598	357	0	357	2598	1426
95°	2596	358	0	358	2596	2113
105°	2493	361	2	361	2493	2633
115°	2276	352	2	352	2276	2248
125°	1798	308	2	308	1798	1595
135°	961	264	2	264	961	779
145°	545	178	2	178	545	351
155°	318	93	1	93	318	152
165°	153	48	1	48	153	46
175°	51	17	1	17	51	6
180°	1	1	1	1	1	



TEST NUMBER: P232054

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**CANDELA DISTRIBUTION (FULL):**

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
0°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
2.5°	24.0	24.3	24.7	25.0	25.3	25.6	26.0	25.2	25.2	25.2	25.1
5°	51.3	52.0	52.6	53.3	53.9	53.2	53.3	53.3	53.1	52.9	52.5
7.5°	74.5	75.6	76.6	77.7	77.6	78.0	78.3	78.5	78.4	78.3	78.0
10°	94.4	95.9	97.4	99.0	99.2	100.0	100.6	101.0	101.3	101.3	101.2
12.5°	116.7	118.6	120.4	121.3	122.4	123.3	123.9	124.3	124.5	124.5	124.3
15°	153.2	154.6	156.1	155.7	155.8	155.6	155.0	154.3	153.2	152.0	150.6
17.5°	190.4	191.1	191.8	190.4	189.6	188.4	186.9	185.2	183.1	180.9	178.5
20°	229.3	229.3	229.3	226.7	224.8	222.4	219.7	216.5	213.1	209.3	205.3
22.5°	271.6	270.8	269.9	265.9	262.7	258.9	254.6	249.9	244.7	239.2	233.3
25°	317.9	316.1	312.4	308.4	303.7	298.2	292.1	285.5	278.4	270.8	262.9
27.5°	370.9	368.0	362.7	357.0	350.3	342.7	334.3	325.1	315.2	304.7	294.4
30°	424.8	421.9	416.3	410.0	402.3	393.2	382.7	370.9	357.7	343.2	330.4
32.5°	484.4	482.5	477.1	470.7	462.5	452.2	440.0	425.7	409.3	392.1	375.0
35°	544.8	544.5	540.3	534.8	527.1	517.0	504.4	489.2	471.4	451.9	430.2
37.5°	618.5	620.5	617.2	612.3	604.3	593.0	578.3	560.0	538.9	517.8	493.7
40°	708.7	712.6	709.6	704.6	695.8	683.1	666.4	645.7	622.3	596.1	565.8
42.5°	832.1	836.6	831.1	823.2	810.3	792.5	770.0	742.8	716.1	685.9	651.3
45°	961.3	967.9	962.9	954.8	940.4	919.7	892.7	864.8	825.8	786.9	744.9
47.5°	1150.9	1156.1	1143.7	1127.3	1103.0	1071.2	1032.3	991.3	949.7	901.2	849.9
50°	1373.6	1372.1	1349.0	1322.3	1287.8	1246.6	1200.1	1149.1	1092.2	1022.0	959.7
52.5°	1599.6	1590.5	1557.6	1520.9	1475.7	1423.6	1365.8	1305.8	1235.0	1155.7	1075.0
55°	1797.5	1779.4	1738.9	1695.6	1645.4	1590.0	1528.6	1454.2	1367.0	1278.4	1189.9
57.5°	1959.8	1934.4	1888.7	1840.3	1785.4	1725.5	1658.9	1584.0	1507.4	1401.3	1296.0
60°	2082.4	2054.1	2007.8	1958.2	1901.2	1837.6	1767.0	1692.7	1610.7	1517.9	1411.2
62.5°	2196.6	2157.8	2110.7	2056.8	1997.6	1935.0	1860.1	1783.6	1700.7	1614.7	1511.1
65°	2276.1	2240.4	2196.3	2142.8	2079.8	2010.6	1938.2	1858.9	1774.2	1686.5	1593.9
67.5°	2338.2	2305.2	2264.6	2215.6	2157.8	2086.2	2007.3	1924.2	1834.2	1743.9	1653.6
70°	2400.3	2373.1	2335.6	2285.9	2221.6	2149.6	2068.5	1981.1	1890.3	1796.0	1712.6
72.5°	2450.0	2427.7	2396.4	2354.4	2292.1	2209.2	2124.5	2028.7	1940.3	1854.3	1764.3
75°	2493.0	2480.6	2455.7	2404.5	2331.7	2256.9	2171.5	2081.1	1984.8	1897.6	1808.1
77.5°	2531.1	2521.7	2503.4	2450.2	2372.9	2285.3	2209.8	2120.4	2022.9	1928.4	1840.0
80°	2558.4	2548.0	2528.1	2485.8	2408.8	2322.1	2237.1	2153.4	2047.4	1950.2	1860.1
82.5°	2581.6	2566.8	2549.1	2511.1	2440.0	2346.2	2256.7	2165.4	2065.8	1969.1	1880.3
85°	2595.7	2578.1	2571.6	2524.8	2449.7	2356.9	2266.8	2178.7	2082.6	1983.9	1891.5
87.5°	2604.8	2590.6	2569.2	2532.4	2457.9	2365.7	2270.7	2181.0	2085.5	1989.2	1893.7
90°	2598.2	2576.7	2562.6	2521.2	2451.6	2356.4	2261.2	2170.1	2075.7	1984.7	1887.8
92.5°	2604.8	2590.6	2569.2	2532.4	2457.9	2365.7	2270.7	2181.0	2085.5	1989.2	1893.7
95°	2595.7	2578.1	2571.6	2524.8	2449.7	2356.9	2266.8	2178.7	2082.6	1983.9	1891.5
97.5°	2581.6	2566.8	2549.1	2511.1	2440.0	2346.2	2256.7	2165.4	2065.8	1969.1	1880.3
100°	2558.4	2548.0	2528.1	2485.8	2408.8	2322.1	2237.1	2153.4	2047.4	1950.2	1860.1
102.5°	2531.1	2521.7	2503.4	2450.2	2372.9	2285.3	2209.8	2120.4	2022.9	1928.4	1840.0
105°	2493.0	2480.6	2455.7	2404.5	2331.7	2256.9	2171.5	2081.1	1984.8	1897.6	1808.1
107.5°	2450.0	2427.7	2396.4	2354.4	2292.1	2209.2	2124.5	2028.7	1940.3	1854.3	1764.3
110°	2400.3	2373.1	2335.6	2285.9	2221.6	2149.6	2068.5	1981.1	1890.3	1796.0	1712.6



TEST NUMBER: P232054

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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°	2338.2	2305.2	2264.6	2215.6	2157.8	2086.2	2007.3	1924.2	1834.2	1743.9	1653.6
115°	2276.1	2240.4	2196.3	2142.8	2079.8	2010.6	1938.2	1858.9	1774.2	1686.5	1593.9
117.5°	2196.6	2157.8	2110.7	2056.8	1997.6	1935.0	1860.1	1783.6	1700.7	1614.7	1511.1
120°	2082.4	2054.1	2007.8	1958.2	1901.2	1837.6	1767.0	1692.7	1610.7	1517.9	1411.2
122.5°	1959.8	1934.4	1888.7	1840.3	1785.4	1725.5	1658.9	1584.0	1507.4	1401.3	1296.0
125°	1797.5	1779.4	1738.9	1695.6	1645.4	1590.0	1528.6	1454.2	1367.0	1278.4	1189.9
127.5°	1599.6	1590.5	1557.6	1520.9	1475.7	1423.6	1365.8	1305.8	1235.0	1155.7	1075.0
130°	1373.6	1372.1	1349.0	1322.3	1287.8	1246.6	1200.1	1149.1	1092.2	1022.0	959.7
132.5°	1150.9	1156.1	1143.7	1127.3	1103.0	1071.2	1032.3	991.3	949.7	901.2	849.9
135°	961.3	967.9	962.9	954.8	940.4	919.7	892.7	864.8	825.8	786.9	744.9
137.5°	832.1	836.6	831.1	823.2	810.3	792.5	770.0	742.8	716.1	685.9	651.3
140°	708.7	712.6	709.6	704.6	695.8	683.1	666.4	645.7	622.3	596.1	565.8
142.5°	618.5	620.5	617.2	612.3	604.3	593.0	578.3	560.0	538.9	517.8	493.7
145°	544.8	544.5	540.3	534.8	527.1	517.0	504.4	489.2	471.4	451.9	430.2
147.5°	484.4	482.5	477.1	470.7	462.5	452.2	440.0	425.7	409.3	392.1	375.0
150°	424.8	421.9	416.3	410.0	402.3	393.2	382.7	370.9	357.7	343.2	330.4
152.5°	370.9	368.0	362.7	357.0	350.3	342.7	334.3	325.1	315.2	304.7	294.4
155°	317.9	316.1	312.4	308.4	303.7	298.2	292.1	285.5	278.4	270.8	262.9
157.5°	271.6	270.8	269.9	265.9	262.7	258.9	254.6	249.9	244.7	239.2	233.3
160°	229.3	229.3	229.3	226.7	224.8	222.4	219.7	216.5	213.1	209.3	205.3
162.5°	190.4	191.1	191.8	190.4	189.6	188.4	186.9	185.2	183.1	180.9	178.5
165°	153.2	154.6	156.1	155.7	155.8	155.6	155.0	154.3	153.2	152.0	150.6
167.5°	116.7	118.6	120.4	121.3	122.4	123.3	123.9	124.3	124.5	124.5	124.3
170°	94.4	95.9	97.4	99.0	99.2	100.0	100.6	101.0	101.3	101.3	101.2
172.5°	74.5	75.6	76.6	77.7	77.6	78.0	78.3	78.5	78.4	78.3	78.0
175°	51.3	52.0	52.6	53.3	53.9	53.2	53.3	53.3	53.1	52.9	52.5
177.5°	24.0	24.3	24.7	25.0	25.3	25.6	26.0	25.2	25.2	25.2	25.1
180°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0



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**CANDELA DISTRIBUTION (continued):**

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
0°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
2.5°	25.0	24.8	24.6	24.3	24.0	23.7	23.3	22.8	22.4	21.9	21.3
5°	52.0	51.5	50.8	50.0	49.1	48.2	47.1	45.9	44.7	43.3	41.9
7.5°	77.5	76.9	76.1	75.2	74.1	72.9	71.5	70.0	68.4	66.4	64.3
10°	100.9	100.4	99.7	98.8	97.7	96.5	94.8	92.8	90.7	88.3	85.7
12.5°	123.9	123.2	122.4	121.3	120.0	118.4	116.6	114.6	112.3	109.8	107.1
15°	149.0	147.2	145.3	143.8	142.2	140.4	138.4	136.1	133.6	130.6	127.3
17.5°	176.0	173.3	170.7	168.0	165.2	162.5	159.7	156.9	154.0	150.9	147.5
20°	201.1	197.2	193.6	190.0	186.4	182.9	179.6	176.4	173.3	170.3	166.7
22.5°	227.5	222.0	216.5	210.9	205.2	200.7	196.7	192.9	189.4	186.2	183.2
25°	255.5	247.9	240.2	232.4	225.3	218.8	212.5	206.5	202.7	199.2	196.5
27.5°	284.7	274.8	264.7	255.0	246.0	237.1	229.3	221.6	215.0	209.4	206.4
30°	317.2	303.6	290.6	278.3	266.8	255.4	245.7	236.2	231.1	229.3	227.3
32.5°	356.5	336.6	319.5	303.8	288.0	274.6	267.7	262.3	258.3	254.0	251.5
35°	406.2	381.3	358.5	334.3	317.0	308.2	298.4	292.1	285.5	280.3	275.6
37.5°	466.5	438.1	407.6	386.6	366.8	348.0	334.9	323.4	314.2	306.6	300.5
40°	533.1	502.5	476.0	449.8	423.4	398.9	377.3	358.4	345.2	333.9	325.6
42.5°	615.6	581.7	547.6	516.9	487.4	455.3	425.5	401.3	378.7	363.8	351.6
45°	706.5	666.2	626.7	586.5	549.6	513.2	479.8	446.7	419.9	395.7	379.1
47.5°	800.5	751.8	706.5	660.7	616.5	574.0	533.9	497.3	462.5	433.2	409.5
50°	897.2	840.5	785.5	734.7	686.7	636.4	590.2	546.6	508.4	473.1	441.4
52.5°	997.1	929.2	864.9	806.7	751.5	700.1	646.9	598.6	554.5	513.8	487.3
55°	1102.1	1016.5	943.6	875.6	815.5	758.0	702.1	650.3	607.1	570.8	544.8
57.5°	1200.0	1106.4	1018.4	943.0	874.8	814.7	760.1	709.3	662.8	623.5	596.2
60°	1292.1	1188.5	1091.7	1004.2	934.4	871.7	815.3	763.0	715.4	674.6	643.8
62.5°	1396.1	1265.4	1161.6	1072.7	993.1	923.7	864.9	811.9	763.6	720.0	687.1
65°	1482.3	1359.0	1231.1	1134.9	1050.1	974.8	908.9	854.4	807.0	763.5	730.2
67.5°	1558.4	1436.5	1306.8	1191.4	1099.9	1020.1	949.8	893.1	845.6	803.6	768.8
70°	1616.9	1501.6	1373.9	1241.6	1144.3	1062.1	989.0	926.7	879.0	839.4	803.1
72.5°	1672.7	1556.4	1422.2	1289.9	1180.6	1096.4	1022.8	957.5	907.8	871.0	836.0
75°	1714.9	1605.2	1468.4	1324.3	1207.5	1124.1	1049.0	978.8	927.0	891.2	862.2
77.5°	1752.0	1647.6	1506.7	1359.0	1238.2	1144.3	1063.6	992.8	940.0	907.0	884.6
80°	1776.0	1678.2	1544.5	1393.0	1263.3	1161.3	1075.1	1001.9	949.1	918.9	903.7
82.5°	1796.6	1704.0	1576.5	1416.2	1281.0	1174.9	1083.4	1006.6	955.0	927.9	920.3
85°	1809.6	1722.1	1600.6	1428.7	1291.8	1184.5	1088.1	1007.4	958.3	934.7	935.0
87.5°	1815.0	1736.6	1621.3	1435.6	1298.7	1192.2	1091.2	1006.1	960.0	940.1	948.5
90°	1813.3	1733.8	1617.9	1424.9	1293.3	1189.8	1086.3	1000.2	959.6	945.5	962.1
92.5°	1815.0	1736.6	1621.3	1435.6	1298.7	1192.2	1091.2	1006.1	960.0	940.1	948.5
95°	1809.6	1722.1	1600.6	1428.7	1291.8	1184.5	1088.1	1007.4	958.3	934.7	935.0
97.5°	1796.6	1704.0	1576.5	1416.2	1281.0	1174.9	1083.4	1006.6	955.0	927.9	920.3
100°	1776.0	1678.2	1544.5	1393.0	1263.3	1161.3	1075.1	1001.9	949.1	918.9	903.7
102.5°	1752.0	1647.6	1506.7	1359.0	1238.2	1144.3	1063.6	992.8	940.0	907.0	884.6
105°	1714.9	1605.2	1468.4	1324.3	1207.5	1124.1	1049.0	978.8	927.0	891.2	862.2
107.5°	1672.7	1556.4	1422.2	1289.9	1180.6	1096.4	1022.8	957.5	907.8	871.0	836.0
110°	1616.9	1501.6	1373.9	1241.6	1144.3	1062.1	989.0	926.7	879.0	839.4	803.1





TEST NUMBER: P232054

CATALOG NUMBER: FVS4WM-3-LD4-40-2LO-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
112.5°	1558.4	1436.5	1306.8	1191.4	1099.9	1020.1	949.8	893.1	845.6	803.6	768.8
115°	1482.3	1359.0	1231.1	1134.9	1050.1	974.8	908.9	854.4	807.0	763.5	730.2
117.5°	1396.1	1265.4	1161.6	1072.7	993.1	923.7	864.9	811.9	763.6	720.0	687.1
120°	1292.1	1188.5	1091.7	1004.2	934.4	871.7	815.3	763.0	715.4	674.6	643.8
122.5°	1200.0	1106.4	1018.4	943.0	874.8	814.7	760.1	709.3	662.8	623.5	596.2
125°	1102.1	1016.5	943.6	875.6	815.5	758.0	702.1	650.3	607.1	570.8	544.8
127.5°	997.1	929.2	864.9	806.7	751.5	700.1	646.9	598.6	554.5	513.8	487.3
130°	897.2	840.5	785.5	734.7	686.7	636.4	590.2	546.6	508.4	473.1	441.4
132.5°	800.5	751.8	706.5	660.7	616.5	574.0	533.9	497.3	462.5	433.2	409.5
135°	706.5	666.2	626.7	586.5	549.6	513.2	479.8	446.7	419.9	395.7	379.1
137.5°	615.6	581.7	547.6	516.9	487.4	455.3	425.5	401.3	378.7	363.8	351.6
140°	533.1	502.5	476.0	449.8	423.4	398.9	377.3	358.4	345.2	333.9	325.6
142.5°	466.5	438.1	407.6	386.6	366.8	348.0	334.9	323.4	314.2	306.6	300.5
145°	406.2	381.3	358.5	334.3	317.0	308.2	298.4	292.1	285.5	280.3	275.6
147.5°	356.5	336.6	319.5	303.8	288.0	274.6	267.7	262.3	258.3	254.0	251.5
150°	317.2	303.6	290.6	278.3	266.8	255.4	245.7	236.2	231.1	229.3	227.3
152.5°	284.7	274.8	264.7	255.0	246.0	237.1	229.3	221.6	215.0	209.4	206.4
155°	255.5	247.9	240.2	232.4	225.3	218.8	212.5	206.5	202.7	199.2	196.5
157.5°	227.5	222.0	216.5	210.9	205.2	200.7	196.7	192.9	189.4	186.2	183.2
160°	201.1	197.2	193.6	190.0	186.4	182.9	179.6	176.4	173.3	170.3	166.7
162.5°	176.0	173.3	170.7	168.0	165.2	162.5	159.7	156.9	154.0	150.9	147.5
165°	149.0	147.2	145.3	143.8	142.2	140.4	138.4	136.1	133.6	130.6	127.3
167.5°	123.9	123.2	122.4	121.3	120.0	118.4	116.6	114.6	112.3	109.8	107.1
170°	100.9	100.4	99.7	98.8	97.7	96.5	94.8	92.8	90.7	88.3	85.7
172.5°	77.5	76.9	76.1	75.2	74.1	72.9	71.5	70.0	68.4	66.4	64.3
175°	52.0	51.5	50.8	50.0	49.1	48.2	47.1	45.9	44.7	43.3	41.9
177.5°	25.0	24.8	24.6	24.3	24.0	23.7	23.3	22.8	22.4	21.9	21.3
180°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0



TEST NUMBER: P232054

CATALOG NUMBER: FVS4WM-3-LD4-40-2LO-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
2.5°	20.7	20.1	19.5	18.8	18.1	17.3	16.5	15.7	14.9	14.0	13.1
5°	40.3	38.7	37.1	35.7	34.3	32.8	31.2	29.6	28.0	26.3	24.5
7.5°	62.0	59.6	57.1	54.4	51.7	48.9	45.9	43.4	41.0	38.4	35.8
10°	83.0	80.1	77.2	73.5	69.8	66.1	62.2	58.1	54.0	50.5	47.1
12.5°	103.7	100.0	96.1	92.0	87.7	83.1	78.3	73.3	68.1	62.8	58.2
15°	123.7	119.9	116.4	110.7	105.4	100.0	94.3	88.3	82.2	75.9	69.4
17.5°	144.5	139.2	134.3	129.2	123.5	117.0	110.2	103.2	96.1	88.8	81.3
20°	162.6	158.2	153.4	147.3	141.0	134.3	126.4	118.3	109.9	101.6	93.1
22.5°	180.5	176.1	171.0	165.6	158.6	150.9	142.9	133.6	124.0	114.3	104.9
25°	193.5	191.2	188.0	182.1	177.5	171.2	164.0	156.3	147.4	138.1	128.8
27.5°	206.8	207.4	207.7	206.8	202.2	197.2	190.2	182.5	173.8	164.2	154.3
30°	227.4	227.8	227.9	227.8	226.1	221.0	215.3	207.6	200.2	189.7	179.7
32.5°	249.2	248.4	248.3	247.9	247.3	244.2	238.7	231.8	223.9	214.6	204.3
35°	272.4	269.8	268.7	268.2	267.4	266.2	261.2	255.7	247.5	238.9	228.6
37.5°	295.5	292.2	289.5	288.5	287.7	286.1	283.1	277.3	270.3	262.6	252.5
40°	319.2	314.0	311.2	308.8	307.6	306.0	304.1	298.8	292.5	285.2	275.9
42.5°	342.5	336.6	332.0	329.5	327.6	325.9	323.8	319.8	313.9	307.2	298.9
45°	367.3	358.2	353.2	349.9	347.6	345.7	343.5	340.4	334.7	328.6	321.5
47.5°	391.2	381.3	374.0	369.8	367.6	367.8	368.6	366.8	360.6	352.5	343.2
50°	420.0	406.0	406.7	411.4	414.0	413.2	409.4	402.6	391.9	378.5	365.4
52.5°	468.7	461.9	463.4	466.6	467.8	461.9	453.0	441.0	425.4	405.8	388.3
55°	524.4	517.2	517.8	522.2	523.8	513.8	499.3	481.7	460.8	434.8	412.2
57.5°	577.5	568.1	570.3	577.2	579.1	568.6	548.0	524.6	497.8	465.5	436.9
60°	625.2	616.5	621.2	630.1	634.7	626.0	598.9	569.3	536.0	497.5	462.3
62.5°	670.3	663.9	669.1	681.4	690.7	685.8	651.8	615.5	575.6	530.6	488.3
65°	711.7	707.2	714.0	731.2	746.7	742.9	706.5	663.1	616.3	564.7	514.8
67.5°	748.9	746.6	756.4	779.2	798.4	798.2	762.6	711.8	658.1	599.5	541.7
70°	783.2	784.4	798.8	823.4	840.9	836.0	795.4	734.2	672.7	609.5	547.7
72.5°	816.5	815.7	826.8	846.0	857.8	846.4	804.5	739.9	676.0	612.7	550.3
75°	844.9	844.1	854.0	870.0	878.4	858.6	813.3	745.1	678.5	615.1	552.3
77.5°	870.6	871.8	881.8	895.2	901.8	872.3	821.4	749.8	680.2	616.8	553.8
80°	894.2	899.0	910.1	921.4	927.3	886.8	828.8	753.9	681.2	617.7	554.8
82.5°	916.2	926.1	939.0	948.4	954.2	901.8	835.4	757.2	681.4	617.8	557.0
85°	937.2	953.0	968.2	976.0	981.6	919.4	843.6	761.9	682.2	618.5	556.2
87.5°	957.5	979.9	997.7	1004.1	1009.6	931.7	846.1	761.8	679.8	616.5	555.5
90°	978.7	1007.6	1027.5	1032.5	1035.0	943.9	848.7	761.7	677.3	614.4	554.7
92.5°	957.5	979.9	997.7	1004.1	1009.6	931.7	846.1	761.8	679.8	616.5	555.5
95°	937.2	953.0	968.2	976.0	981.6	919.4	843.6	761.9	682.2	618.5	556.2
97.5°	916.2	926.1	939.0	948.4	954.2	901.8	835.4	757.2	681.4	617.8	557.0
100°	894.2	899.0	910.1	921.4	927.3	886.8	828.8	753.9	681.2	617.7	554.8
102.5°	870.6	871.8	881.8	895.2	901.8	872.3	821.4	749.8	680.2	616.8	553.8
105°	844.9	844.1	854.0	870.0	878.4	858.6	813.3	745.1	678.5	615.1	552.3
107.5°	816.5	815.7	826.8	846.0	857.8	846.4	804.5	739.9	676.0	612.7	550.3
110°	783.2	784.4	798.8	823.4	840.9	836.0	795.4	734.2	672.7	609.5	547.7



TEST NUMBER: P232054

CATALOG NUMBER: FVS4WM-3-LD4-40-2LO-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
112.5°	748.9	746.6	756.4	779.2	798.4	798.2	762.6	711.8	658.1	599.5	541.7
115°	711.7	707.2	714.0	731.2	746.7	742.9	706.5	663.1	616.3	564.7	514.8
117.5°	670.3	663.9	669.1	681.4	690.7	685.8	651.8	615.5	575.6	530.6	488.3
120°	625.2	616.5	621.2	630.1	634.7	626.0	598.9	569.3	536.0	497.5	462.3
122.5°	577.5	568.1	570.3	577.2	579.1	568.6	548.0	524.6	497.8	465.5	436.9
125°	524.4	517.2	517.8	522.2	523.8	513.8	499.3	481.7	460.8	434.8	412.2
127.5°	468.7	461.9	463.4	466.6	467.8	461.9	453.0	441.0	425.4	405.8	388.3
130°	420.0	406.0	406.7	411.4	414.0	413.2	409.4	402.6	391.9	378.5	365.4
132.5°	391.2	381.3	374.0	369.8	367.6	367.8	368.6	366.8	360.6	352.5	343.2
135°	367.3	358.2	353.2	349.9	347.6	345.7	343.5	340.4	334.7	328.6	321.5
137.5°	342.5	336.6	332.0	329.5	327.6	325.9	323.8	319.8	313.9	307.2	298.9
140°	319.2	314.0	311.2	308.8	307.6	306.0	304.1	298.8	292.5	285.2	275.9
142.5°	295.5	292.2	289.5	288.5	287.7	286.1	283.1	277.3	270.3	262.6	252.5
145°	272.4	269.8	268.7	268.2	267.4	266.2	261.2	255.7	247.5	238.9	228.6
147.5°	249.2	248.4	248.3	247.9	247.3	244.2	238.7	231.8	223.9	214.6	204.3
150°	227.4	227.8	227.9	227.8	226.1	221.0	215.3	207.6	200.2	189.7	179.7
152.5°	206.8	207.4	207.7	206.8	202.2	197.2	190.2	182.5	173.8	164.2	154.3
155°	193.5	191.2	188.0	182.1	177.5	171.2	164.0	156.3	147.4	138.1	128.8
157.5°	180.5	176.1	171.0	165.6	158.6	150.9	142.9	133.6	124.0	114.3	104.9
160°	162.6	158.2	153.4	147.3	141.0	134.3	126.4	118.3	109.9	101.6	93.1
162.5°	144.5	139.2	134.3	129.2	123.5	117.0	110.2	103.2	96.1	88.8	81.3
165°	123.7	119.9	116.4	110.7	105.4	100.0	94.3	88.3	82.2	75.9	69.4
167.5°	103.7	100.0	96.1	92.0	87.7	83.1	78.3	73.3	68.1	62.8	58.2
170°	83.0	80.1	77.2	73.5	69.8	66.1	62.2	58.1	54.0	50.5	47.1
172.5°	62.0	59.6	57.1	54.4	51.7	48.9	45.9	43.4	41.0	38.4	35.8
175°	40.3	38.7	37.1	35.7	34.3	32.8	31.2	29.6	28.0	26.3	24.5
177.5°	20.7	20.1	19.5	18.8	18.1	17.3	16.5	15.7	14.9	14.0	13.1
180°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0



TEST NUMBER: P232054

CATALOG NUMBER: FVS4WM-3-LD4-40-2LO-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
0°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
2.5°	12.2	11.3	10.4	9.4	9.4	9.3	9.3	9.2	9.1	9.0	8.9
5°	22.7	20.9	19.0	17.1	17.0	16.8	16.6	16.4	16.2	15.9	15.6
7.5°	33.2	30.5	27.7	24.9	24.6	24.2	23.8	23.4	22.9	22.4	21.9
10°	43.5	40.0	36.3	32.6	32.1	31.5	30.8	30.1	29.4	28.7	28.1
12.5°	53.9	49.4	44.9	40.3	39.5	38.6	37.6	36.6	35.7	35.0	34.2
15°	64.1	58.8	53.5	48.0	46.9	45.6	44.3	43.0	42.1	41.2	40.3
17.5°	74.3	68.2	62.0	55.8	54.2	52.5	50.7	49.5	48.5	47.4	46.3
20°	84.5	77.5	70.6	63.5	61.4	59.3	57.2	56.0	54.8	53.6	52.4
22.5°	95.2	86.8	79.1	71.2	68.6	65.9	63.8	62.4	61.0	59.8	58.5
25°	119.1	109.8	101.4	92.6	88.9	84.9	81.8	79.0	76.1	73.3	70.3
27.5°	143.9	133.4	123.9	114.1	109.2	104.1	100.3	96.6	92.9	89.1	85.1
30°	168.5	157.0	146.5	135.5	129.4	122.9	118.5	113.8	109.0	104.1	99.4
32.5°	192.9	180.8	169.0	156.9	149.4	141.9	136.4	130.5	124.6	118.7	113.2
35°	217.2	204.5	191.6	178.4	169.4	160.7	153.9	146.8	139.5	132.9	126.4
37.5°	241.3	228.0	214.2	199.8	189.2	179.3	171.2	162.7	154.3	146.7	138.8
40°	265.2	251.5	236.8	221.2	208.9	197.8	188.2	178.2	168.5	160.1	150.5
42.5°	288.9	274.8	259.4	242.7	228.6	216.0	205.3	193.2	182.7	173.4	161.8
45°	311.9	298.1	282.0	264.1	248.1	234.1	221.4	208.0	196.6	185.2	172.7
47.5°	329.9	313.4	294.9	275.1	257.2	241.7	227.4	213.1	202.0	190.8	179.1
50°	348.2	328.6	307.7	286.2	266.2	248.6	232.2	216.2	204.1	192.3	180.9
52.5°	367.1	344.1	320.5	297.2	275.1	255.3	236.7	219.4	205.9	194.3	183.3
55°	386.7	359.8	333.4	308.3	283.9	261.8	241.0	222.4	207.9	196.5	186.1
57.5°	406.9	375.6	346.3	319.3	292.6	268.2	245.1	225.3	210.3	199.2	189.3
60°	427.6	391.6	359.1	330.4	301.4	274.5	249.2	228.1	212.9	202.5	193.4
62.5°	448.7	407.8	372.0	341.4	310.1	280.6	253.1	230.8	215.9	206.0	197.3
65°	470.2	424.0	384.9	352.5	318.8	286.7	257.0	233.5	219.0	209.9	202.0
67.5°	491.9	440.2	397.8	363.5	327.5	292.8	260.8	236.2	222.4	214.0	207.1
70°	496.8	444.1	400.8	362.8	325.9	290.2	258.2	234.3	221.2	213.3	207.6
72.5°	500.1	447.5	403.8	362.0	324.2	287.4	255.3	232.0	218.9	210.5	205.4
75°	502.9	450.6	408.4	361.3	322.6	284.8	252.7	230.0	216.6	207.8	203.4
77.5°	505.4	453.5	411.0	360.6	321.1	282.2	250.2	228.2	214.2	205.2	201.5
80°	507.5	457.5	413.6	359.8	319.7	279.8	248.0	226.5	212.0	202.5	199.8
82.5°	510.6	459.5	416.2	359.1	318.3	277.6	245.9	225.1	209.7	200.0	198.2
85°	511.2	461.4	418.7	358.4	317.0	275.4	244.1	223.9	207.6	197.5	196.6
87.5°	511.9	463.4	421.3	357.6	315.8	273.4	242.4	222.8	205.6	195.2	195.2
90°	512.5	465.3	423.9	356.9	314.6	271.6	240.9	221.9	203.7	192.9	193.7
92.5°	511.9	463.4	421.3	357.6	315.8	273.4	242.4	222.8	205.6	195.2	195.2
95°	511.2	461.4	418.7	358.4	317.0	275.4	244.1	223.9	207.6	197.5	196.6
97.5°	510.6	459.5	416.2	359.1	318.3	277.6	245.9	225.1	209.7	200.0	198.2
100°	507.5	457.5	413.6	359.8	319.7	279.8	248.0	226.5	212.0	202.5	199.8
102.5°	505.4	453.5	411.0	360.6	321.1	282.2	250.2	228.2	214.2	205.2	201.5
105°	502.9	450.6	408.4	361.3	322.6	284.8	252.7	230.0	216.6	207.8	203.4
107.5°	500.1	447.5	403.8	362.0	324.2	287.4	255.3	232.0	218.9	210.5	205.4
110°	496.8	444.1	400.8	362.8	325.9	290.2	258.2	234.3	221.2	213.3	207.6



TEST NUMBER: P232054

CATALOG NUMBER: FVS4WM-3-LD4-40-2LO-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
112.5°	491.9	440.2	397.8	363.5	327.5	292.8	260.8	236.2	222.4	214.0	207.1
115°	470.2	424.0	384.9	352.5	318.8	286.7	257.0	233.5	219.0	209.9	202.0
117.5°	448.7	407.8	372.0	341.4	310.1	280.6	253.1	230.8	215.9	206.0	197.3
120°	427.6	391.6	359.1	330.4	301.4	274.5	249.2	228.1	212.9	202.5	193.4
122.5°	406.9	375.6	346.3	319.3	292.6	268.2	245.1	225.3	210.3	199.2	189.3
125°	386.7	359.8	333.4	308.3	283.9	261.8	241.0	222.4	207.9	196.5	186.1
127.5°	367.1	344.1	320.5	297.2	275.1	255.3	236.7	219.4	205.9	194.3	183.3
130°	348.2	328.6	307.7	286.2	266.2	248.6	232.2	216.2	204.1	192.3	180.9
132.5°	329.9	313.4	294.9	275.1	257.2	241.7	227.4	213.1	202.0	190.8	179.1
135°	311.9	298.1	282.0	264.1	248.1	234.1	221.4	208.0	196.6	185.2	172.7
137.5°	288.9	274.8	259.4	242.7	228.6	216.0	205.3	193.2	182.7	173.4	161.8
140°	265.2	251.5	236.8	221.2	208.9	197.8	188.2	178.2	168.5	160.1	150.5
142.5°	241.3	228.0	214.2	199.8	189.2	179.3	171.2	162.7	154.3	146.7	138.8
145°	217.2	204.5	191.6	178.4	169.4	160.7	153.9	146.8	139.5	132.9	126.4
147.5°	192.9	180.8	169.0	156.9	149.4	141.9	136.4	130.5	124.6	118.7	113.2
150°	168.5	157.0	146.5	135.5	129.4	122.9	118.5	113.8	109.0	104.1	99.4
152.5°	143.9	133.4	123.9	114.1	109.2	104.1	100.3	96.6	92.9	89.1	85.1
155°	119.1	109.8	101.4	92.6	88.9	84.9	81.8	79.0	76.1	73.3	70.3
157.5°	95.2	86.8	79.1	71.2	68.6	65.9	63.8	62.4	61.0	59.8	58.5
160°	84.5	77.5	70.6	63.5	61.4	59.3	57.2	56.0	54.8	53.6	52.4
162.5°	74.3	68.2	62.0	55.8	54.2	52.5	50.7	49.5	48.5	47.4	46.3
165°	64.1	58.8	53.5	48.0	46.9	45.6	44.3	43.0	42.1	41.2	40.3
167.5°	53.9	49.4	44.9	40.3	39.5	38.6	37.6	36.6	35.7	35.0	34.2
170°	43.5	40.0	36.3	32.6	32.1	31.5	30.8	30.1	29.4	28.7	28.1
172.5°	33.2	30.5	27.7	24.9	24.6	24.2	23.8	23.4	22.9	22.4	21.9
175°	22.7	20.9	19.0	17.1	17.0	16.8	16.6	16.4	16.2	15.9	15.6
177.5°	12.2	11.3	10.4	9.4	9.4	9.3	9.3	9.2	9.1	9.0	8.9
180°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0



TEST NUMBER: P232054

CATALOG NUMBER: FVS4WM-3-LD4-40-2LO-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
0°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
2.5°	8.7	8.6	8.4	8.3	8.1	7.9	7.7	7.5	7.3	7.0	6.8
5°	15.3	14.9	14.6	14.2	13.8	13.4	13.0	12.5	12.1	11.6	11.1
7.5°	21.4	20.9	20.4	19.8	19.2	18.6	17.9	17.3	16.6	15.9	15.2
10°	27.4	26.7	26.0	25.3	24.5	23.8	23.0	22.2	21.4	20.6	19.7
12.5°	33.4	32.5	31.7	30.9	30.0	29.1	28.2	27.2	26.1	25.0	23.9
15°	39.3	38.4	37.5	36.5	35.4	34.3	33.0	31.8	30.5	29.2	27.7
17.5°	45.3	44.3	43.1	41.9	40.5	39.1	37.7	36.0	34.4	32.7	31.0
20°	51.3	50.0	48.5	47.0	45.4	43.6	41.7	39.8	37.9	36.2	34.4
22.5°	57.1	55.4	53.7	51.9	49.7	47.6	45.5	43.5	41.6	39.6	37.2
25°	67.1	63.7	60.1	56.2	53.8	51.6	49.4	47.3	44.6	41.9	39.2
27.5°	81.2	77.0	72.3	67.6	63.2	59.0	54.5	49.8	46.8	44.2	41.8
30°	94.6	89.2	83.6	78.4	73.4	68.0	62.3	57.0	52.4	48.0	44.3
32.5°	107.1	100.6	94.4	88.4	82.1	75.5	69.4	64.0	58.9	54.1	49.4
35°	118.9	111.4	104.4	97.3	89.6	82.4	76.1	70.2	64.7	59.4	54.7
37.5°	130.1	121.7	113.7	104.9	96.3	89.0	82.1	75.7	69.8	64.3	59.3
40°	140.7	131.4	121.7	111.7	102.9	94.8	87.6	80.7	74.4	68.8	63.8
42.5°	150.9	140.4	129.0	118.4	108.8	100.4	92.5	85.2	78.8	73.1	67.5
45°	160.6	148.4	135.6	124.6	114.5	105.4	97.0	89.4	82.9	76.5	70.3
47.5°	167.8	155.3	142.4	130.2	119.9	110.1	101.0	93.6	86.3	79.1	73.1
50°	169.7	157.3	145.5	134.3	124.1	114.3	105.4	97.3	89.0	81.8	75.3
52.5°	172.1	160.3	148.5	137.6	127.3	117.7	109.6	100.7	91.5	84.0	76.9
55°	175.3	163.8	152.0	141.1	131.0	122.4	114.4	105.6	96.3	87.1	78.4
57.5°	179.1	167.7	156.0	145.0	135.0	127.8	119.9	110.9	100.9	90.8	81.8
60°	183.6	172.0	160.3	149.5	140.6	133.7	126.3	116.0	105.0	94.4	84.7
62.5°	188.5	176.6	164.7	154.4	146.8	140.4	132.4	121.1	108.8	97.7	87.6
65°	193.3	181.5	169.5	159.6	153.4	147.7	138.1	125.5	112.6	100.9	90.3
67.5°	198.5	186.6	174.9	165.6	160.6	155.7	143.9	129.8	116.3	104.1	93.1
70°	200.0	189.4	179.2	172.1	168.3	162.9	149.7	134.0	119.9	107.4	95.9
72.5°	198.0	188.5	179.2	172.7	169.0	163.2	151.2	137.0	123.6	110.7	98.6
75°	196.5	188.1	179.5	173.1	168.7	161.4	149.9	136.5	122.8	110.4	99.2
77.5°	195.3	188.2	180.0	173.3	168.2	160.2	149.6	136.4	122.2	109.4	98.2
80°	194.5	188.6	180.7	173.5	167.6	159.5	150.2	136.6	121.8	108.7	97.8
82.5°	193.8	189.4	181.6	173.6	167.0	159.3	151.5	137.4	121.7	108.3	97.9
85°	193.4	190.4	182.8	173.9	166.4	159.5	153.3	138.6	122.0	108.4	98.5
87.5°	193.1	191.6	184.0	174.2	165.9	159.9	155.6	140.2	122.8	109.0	99.5
90°	192.9	192.9	185.5	174.7	165.6	160.6	158.1	142.4	124.2	110.1	101.0
92.5°	193.1	191.6	184.0	174.2	165.9	159.9	155.6	140.2	122.8	109.0	99.5
95°	193.4	190.4	182.8	173.9	166.4	159.5	153.3	138.6	122.0	108.4	98.5
97.5°	193.8	189.4	181.6	173.6	167.0	159.3	151.5	137.4	121.7	108.3	97.9
100°	194.5	188.6	180.7	173.5	167.6	159.5	150.2	136.6	121.8	108.7	97.8
102.5°	195.3	188.2	180.0	173.3	168.2	160.2	149.6	136.4	122.2	109.4	98.2
105°	196.5	188.1	179.5	173.1	168.7	161.4	149.9	136.5	122.8	110.4	99.2
107.5°	198.0	188.5	179.2	172.7	169.0	163.2	151.2	137.0	123.6	110.7	98.6
110°	200.0	189.4	179.2	172.1	168.3	162.9	149.7	134.0	119.9	107.4	95.9



TEST NUMBER: P232054

CATALOG NUMBER: FVS4WM-3-LD4-40-2LO-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
112.5°	198.5	186.6	174.9	165.6	160.6	155.7	143.9	129.8	116.3	104.1	93.1
115°	193.3	181.5	169.5	159.6	153.4	147.7	138.1	125.5	112.6	100.9	90.3
117.5°	188.5	176.6	164.7	154.4	146.8	140.4	132.4	121.1	108.8	97.7	87.6
120°	183.6	172.0	160.3	149.5	140.6	133.7	126.3	116.0	105.0	94.4	84.7
122.5°	179.1	167.7	156.0	145.0	135.0	127.8	119.9	110.9	100.9	90.8	81.8
125°	175.3	163.8	152.0	141.1	131.0	122.4	114.4	105.6	96.3	87.1	78.4
127.5°	172.1	160.3	148.5	137.6	127.3	117.7	109.6	100.7	91.5	84.0	76.9
130°	169.7	157.3	145.5	134.3	124.1	114.3	105.4	97.3	89.0	81.8	75.3
132.5°	167.8	155.3	142.4	130.2	119.9	110.1	101.0	93.6	86.3	79.1	73.1
135°	160.6	148.4	135.6	124.6	114.5	105.4	97.0	89.4	82.9	76.5	70.3
137.5°	150.9	140.4	129.0	118.4	108.8	100.4	92.5	85.2	78.8	73.1	67.5
140°	140.7	131.4	121.7	111.7	102.9	94.8	87.6	80.7	74.4	68.8	63.8
142.5°	130.1	121.7	113.7	104.9	96.3	89.0	82.1	75.7	69.8	64.3	59.3
145°	118.9	111.4	104.4	97.3	89.6	82.4	76.1	70.2	64.7	59.4	54.7
147.5°	107.1	100.6	94.4	88.4	82.1	75.5	69.4	64.0	58.9	54.1	49.4
150°	94.6	89.2	83.6	78.4	73.4	68.0	62.3	57.0	52.4	48.0	44.3
152.5°	81.2	77.0	72.3	67.6	63.2	59.0	54.5	49.8	46.8	44.2	41.8
155°	67.1	63.7	60.1	56.2	53.8	51.6	49.4	47.3	44.6	41.9	39.2
157.5°	57.1	55.4	53.7	51.9	49.7	47.6	45.5	43.5	41.6	39.6	37.2
160°	51.3	50.0	48.5	47.0	45.4	43.6	41.7	39.8	37.9	36.2	34.4
162.5°	45.3	44.3	43.1	41.9	40.5	39.1	37.7	36.0	34.4	32.7	31.0
165°	39.3	38.4	37.5	36.5	35.4	34.3	33.0	31.8	30.5	29.2	27.7
167.5°	33.4	32.5	31.7	30.9	30.0	29.1	28.2	27.2	26.1	25.0	23.9
170°	27.4	26.7	26.0	25.3	24.5	23.8	23.0	22.2	21.4	20.6	19.7
172.5°	21.4	20.9	20.4	19.8	19.2	18.6	17.9	17.3	16.6	15.9	15.2
175°	15.3	14.9	14.6	14.2	13.8	13.4	13.0	12.5	12.1	11.6	11.1
177.5°	8.7	8.6	8.4	8.3	8.1	7.9	7.7	7.5	7.3	7.0	6.8
180°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0



TEST NUMBER: P232054

CATALOG NUMBER: FVS4WM-3-LD4-40-2LO-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
0°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
2.5°	6.6	6.3	6.0	5.8	5.5	5.2	5.0	4.7	4.4	4.1	3.8
5°	10.6	10.1	9.6	9.0	8.5	7.9	7.3	6.8	6.2	5.6	5.0
7.5°	14.6	13.9	13.2	12.4	11.7	10.9	10.1	9.3	8.5	7.7	6.8
10°	18.8	17.9	16.9	15.9	14.9	13.9	12.9	11.8	10.7	9.7	8.6
12.5°	22.8	21.6	20.4	19.1	17.9	16.6	15.3	14.0	12.7	11.4	10.1
15°	26.3	24.8	23.3	21.8	20.4	18.9	17.4	16.0	14.5	13.0	11.5
17.5°	29.4	27.8	26.2	24.5	22.9	21.3	19.4	17.7	15.9	14.2	12.5
20°	32.6	30.7	28.6	26.6	24.6	22.6	20.7	18.9	17.1	15.3	13.5
22.5°	34.9	32.6	30.4	28.4	26.4	24.4	22.4	20.4	18.4	16.4	14.5
25°	37.0	34.8	32.6	30.4	28.2	26.1	23.9	21.8	19.7	17.6	15.5
27.5°	39.4	37.0	34.6	32.2	30.0	27.8	25.5	23.3	21.1	18.9	16.7
30°	41.6	39.1	36.7	34.3	31.9	29.7	27.5	25.2	22.8	20.6	18.3
32.5°	45.2	41.5	39.0	36.7	34.4	32.0	29.6	27.3	24.9	22.5	20.0
35°	50.1	46.2	42.4	39.3	36.8	34.3	32.0	29.5	27.0	24.4	21.7
37.5°	54.9	50.7	46.6	42.8	39.5	37.1	34.6	31.8	28.9	26.0	23.0
40°	59.0	54.3	50.2	46.6	43.2	39.8	36.8	33.6	30.4	27.2	24.0
42.5°	62.1	57.6	53.5	49.4	45.7	42.0	38.4	35.1	31.9	28.7	25.4
45°	65.2	60.3	55.7	51.4	47.2	43.4	40.0	37.0	33.5	29.9	26.4
47.5°	67.5	62.2	57.2	52.5	48.4	44.6	41.1	37.8	34.7	31.0	27.2
50°	69.2	63.5	58.2	53.4	49.1	45.1	41.4	38.0	35.0	31.6	27.5
52.5°	70.4	64.4	58.9	53.9	49.4	45.2	41.3	37.8	34.4	31.4	28.2
55°	71.3	65.0	59.2	54.0	49.2	44.8	41.0	37.5	34.3	31.2	28.1
57.5°	73.3	65.4	59.3	53.8	48.8	44.7	40.8	37.3	33.8	30.4	27.2
60°	75.8	67.7	60.2	53.3	48.9	44.6	40.6	36.7	33.1	29.7	26.4
62.5°	78.3	69.8	61.8	55.2	49.3	44.3	40.1	36.2	32.7	29.1	25.6
65°	80.6	71.6	63.7	56.8	50.6	44.8	39.9	36.0	32.3	28.5	24.5
67.5°	82.9	73.5	65.3	58.2	51.6	45.7	40.7	36.1	32.0	28.0	24.0
70°	85.2	75.5	67.0	59.5	52.4	46.6	41.4	36.5	32.0	27.8	23.4
72.5°	87.4	77.4	68.7	60.7	53.6	47.6	42.1	36.7	31.8	27.1	22.6
75°	89.0	79.4	70.5	61.9	54.8	48.6	42.5	36.6	31.1	25.7	21.1
77.5°	88.4	79.5	71.1	63.0	56.1	49.7	42.9	36.5	29.9	23.9	19.0
80°	88.5	79.9	71.4	63.7	56.5	49.6	42.8	36.0	28.6	21.9	16.2
82.5°	89.2	80.8	72.3	64.7	56.9	49.4	42.2	34.7	27.3	19.9	13.1
85°	90.5	82.1	73.6	66.2	57.4	49.5	42.0	34.1	26.5	18.7	11.7
87.5°	92.3	83.9	75.5	68.1	58.2	50.1	42.2	34.1	26.5	18.7	11.7
90°	94.4	86.1	77.8	70.4	59.6	51.3	43.1	34.8	27.3	19.0	11.6
92.5°	92.3	83.9	75.5	68.1	58.2	50.1	42.2	34.1	26.5	18.4	11.2
95°	90.5	82.1	73.6	66.2	57.4	49.5	42.0	34.1	26.5	18.7	11.7
97.5°	89.2	80.8	72.3	64.7	56.9	49.4	42.2	34.7	27.3	19.9	13.1
100°	88.5	79.9	71.4	63.7	56.5	49.6	42.8	36.0	28.6	21.9	16.2
102.5°	88.4	79.5	71.1	63.0	56.1	49.7	42.9	36.5	29.9	23.9	19.0
105°	89.0	79.4	70.5	61.9	54.8	48.6	42.5	36.6	31.1	25.7	21.1
107.5°	87.4	77.4	68.7	60.7	53.6	47.6	42.1	36.7	31.8	27.1	22.6
110°	85.2	75.5	67.0	59.5	52.4	46.6	41.4	36.5	32.0	27.8	23.4





TEST NUMBER: P232054

CATALOG NUMBER: FVS4WM-3-LD4-40-2LO-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
112.5°	82.9	73.5	65.3	58.2	51.6	45.7	40.7	36.1	32.0	28.0	24.0
115°	80.6	71.6	63.7	56.8	50.6	44.8	39.9	36.0	32.3	28.5	24.5
117.5°	78.3	69.8	61.8	55.2	49.3	44.3	40.1	36.2	32.7	29.1	25.6
120°	75.8	67.7	60.2	53.3	48.9	44.6	40.6	36.7	33.1	29.7	26.4
122.5°	73.3	65.4	59.3	53.8	48.8	44.7	40.8	37.3	33.8	30.4	27.2
125°	71.3	65.0	59.2	54.0	49.2	44.8	41.0	37.5	34.3	31.2	28.1
127.5°	70.4	64.4	58.9	53.9	49.4	45.2	41.3	37.8	34.4	31.4	28.2
130°	69.2	63.5	58.2	53.4	49.1	45.1	41.4	38.0	35.0	31.6	27.5
132.5°	67.5	62.2	57.2	52.5	48.4	44.6	41.1	37.8	34.7	31.0	27.2
135°	65.2	60.3	55.7	51.4	47.2	43.4	40.0	37.0	33.5	29.9	26.4
137.5°	62.1	57.6	53.5	49.4	45.7	42.0	38.4	35.1	31.9	28.7	25.4
140°	59.0	54.3	50.2	46.6	43.2	39.8	36.8	33.6	30.4	27.2	24.0
142.5°	54.9	50.7	46.6	42.8	39.5	37.1	34.6	31.8	28.9	26.0	23.0
145°	50.1	46.2	42.4	39.3	36.8	34.3	32.0	29.5	27.0	24.4	21.7
147.5°	45.2	41.5	39.0	36.7	34.4	32.0	29.6	27.3	24.9	22.5	20.0
150°	41.6	39.1	36.7	34.3	31.9	29.7	27.5	25.2	22.8	20.6	18.3
152.5°	39.4	37.0	34.6	32.2	30.0	27.8	25.5	23.3	21.1	18.9	16.7
155°	37.0	34.8	32.6	30.4	28.2	26.1	23.9	21.8	19.7	17.6	15.5
157.5°	34.9	32.6	30.4	28.4	26.4	24.4	22.4	20.4	18.4	16.4	14.5
160°	32.6	30.7	28.6	26.6	24.6	22.6	20.7	18.9	17.1	15.3	13.5
162.5°	29.4	27.8	26.2	24.5	22.9	21.3	19.4	17.7	15.9	14.2	12.5
165°	26.3	24.8	23.3	21.8	20.4	18.9	17.4	16.0	14.5	13.0	11.5
167.5°	22.8	21.6	20.4	19.1	17.9	16.6	15.3	14.0	12.7	11.4	10.1
170°	18.8	17.9	16.9	15.9	14.9	13.9	12.9	11.8	10.7	9.7	8.6
172.5°	14.6	13.9	13.2	12.4	11.7	10.9	10.1	9.3	8.5	7.7	6.8
175°	10.6	10.1	9.6	9.0	8.5	7.9	7.3	6.8	6.2	5.6	5.0
177.5°	6.6	6.3	6.0	5.8	5.5	5.2	5.0	4.7	4.4	4.1	3.8
180°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0



TEST NUMBER: P232054

CATALOG NUMBER: FVS4WM-3-LD4-40-2LO-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
0°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
2.5°	3.5	3.2	2.9	2.6	2.3	2.0	1.7	2.0	2.3	2.6	2.9
5°	4.4	3.8	3.2	2.6	2.0	1.4	0.8	1.4	2.0	2.6	3.2
7.5°	6.0	5.1	4.3	3.4	2.5	1.7	0.8	1.7	2.5	3.4	4.3
10°	7.5	6.4	5.3	4.2	3.0	1.9	0.8	1.9	3.0	4.2	5.3
12.5°	8.7	7.4	6.1	4.8	3.5	2.1	0.8	2.1	3.5	4.8	6.1
15°	10.0	8.4	6.9	5.4	3.9	2.3	0.8	2.3	3.9	5.4	6.9
17.5°	10.8	9.1	7.4	5.8	4.1	2.5	0.8	2.5	4.1	5.8	7.4
20°	11.7	9.8	8.0	6.2	4.4	2.6	0.8	2.6	4.4	6.2	8.0
22.5°	12.5	10.6	8.6	6.6	4.7	2.7	0.8	2.7	4.7	6.6	8.6
25°	13.4	11.3	9.2	7.1	5.0	2.9	0.8	2.9	5.0	7.1	9.2
27.5°	14.5	12.2	10.0	7.7	5.4	3.1	0.8	3.1	5.4	7.7	10.0
30°	16.0	13.6	11.3	8.9	6.5	4.1	1.7	4.1	6.5	8.9	11.3
32.5°	17.5	15.0	12.4	9.7	7.1	4.4	1.7	4.4	7.1	9.7	12.4
35°	18.9	16.1	13.2	10.4	7.5	4.6	1.7	4.6	7.5	10.4	13.2
37.5°	19.9	16.9	13.9	10.8	7.8	4.7	1.7	4.7	7.8	10.8	13.9
40°	20.9	17.8	14.6	11.4	8.2	4.9	1.7	4.9	8.2	11.4	14.6
42.5°	22.0	18.6	15.2	11.8	8.4	5.1	1.7	5.1	8.4	11.8	15.2
45°	22.8	19.2	15.7	12.2	8.7	5.2	1.7	5.2	8.7	12.2	15.7
47.5°	23.4	19.6	15.9	12.3	8.7	5.2	1.7	5.2	8.7	12.3	15.9
50°	23.6	19.9	16.2	12.6	8.9	5.3	1.7	5.3	8.9	12.6	16.2
52.5°	24.3	20.3	16.4	12.6	8.9	5.3	1.7	5.3	8.9	12.6	16.4
55°	24.2	20.2	16.3	12.5	8.8	5.2	1.7	5.2	8.8	12.5	16.3
57.5°	24.1	20.0	16.1	12.6	9.1	5.8	2.5	5.8	9.1	12.6	16.1
60°	23.2	19.6	15.6	12.0	8.7	5.5	2.5	5.5	8.7	12.0	15.6
62.5°	21.9	18.2	14.7	11.3	8.3	5.3	2.5	5.3	8.3	11.3	14.7
65°	20.9	17.3	13.9	10.7	7.8	5.1	2.5	5.1	7.8	10.7	13.9
67.5°	20.1	16.3	12.8	9.8	7.1	4.8	2.5	4.8	7.1	9.8	12.8
70°	19.1	15.3	11.8	9.1	6.7	4.5	2.5	4.5	6.7	9.1	11.8
72.5°	18.2	14.5	11.3	8.1	5.8	4.0	2.5	4.0	5.8	8.1	11.3
75°	17.7	13.7	9.9	6.7	4.4	3.2	2.5	3.2	4.4	6.7	9.9
77.5°	15.4	12.4	8.4	4.6	1.5	0.3	0.0	0.3	1.5	4.6	8.4
80°	11.8	8.9	5.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.3
82.5°	8.3	4.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	5.9	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	5.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	5.1	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	5.9	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	8.3	4.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	11.8	8.9	5.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.3
102.5°	15.4	12.4	8.4	4.6	1.5	0.3	0.0	0.3	1.5	4.6	8.4
105°	17.7	13.7	9.9	6.7	4.4	3.2	2.5	3.2	4.4	6.7	9.9
107.5°	18.2	14.5	11.3	8.1	5.8	4.0	2.5	4.0	5.8	8.1	11.3
110°	19.1	15.3	11.8	9.1	6.7	4.5	2.5	4.5	6.7	9.1	11.8



TEST NUMBER: P232054

CATALOG NUMBER: FVS4WM-3-LD4-40-2LO-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
112.5°	20.1	16.3	12.8	9.8	7.1	4.8	2.5	4.8	7.1	9.8	12.8
115°	20.9	17.3	13.9	10.7	7.8	5.1	2.5	5.1	7.8	10.7	13.9
117.5°	21.9	18.2	14.7	11.3	8.3	5.3	2.5	5.3	8.3	11.3	14.7
120°	23.2	19.6	15.6	12.0	8.7	5.5	2.5	5.5	8.7	12.0	15.6
122.5°	24.1	20.0	16.1	12.6	9.1	5.8	2.5	5.8	9.1	12.6	16.1
125°	24.2	20.2	16.3	12.5	8.8	5.2	1.7	5.2	8.8	12.5	16.3
127.5°	24.3	20.3	16.4	12.6	8.9	5.3	1.7	5.3	8.9	12.6	16.4
130°	23.6	19.9	16.2	12.6	8.9	5.3	1.7	5.3	8.9	12.6	16.2
132.5°	23.4	19.6	15.9	12.3	8.7	5.2	1.7	5.2	8.7	12.3	15.9
135°	22.8	19.2	15.7	12.2	8.7	5.2	1.7	5.2	8.7	12.2	15.7
137.5°	22.0	18.6	15.2	11.8	8.4	5.1	1.7	5.1	8.4	11.8	15.2
140°	20.9	17.8	14.6	11.4	8.2	4.9	1.7	4.9	8.2	11.4	14.6
142.5°	19.9	16.9	13.9	10.8	7.8	4.7	1.7	4.7	7.8	10.8	13.9
145°	18.9	16.1	13.2	10.4	7.5	4.6	1.7	4.6	7.5	10.4	13.2
147.5°	17.5	15.0	12.4	9.7	7.1	4.4	1.7	4.4	7.1	9.7	12.4
150°	16.0	13.6	11.3	8.9	6.5	4.1	1.7	4.1	6.5	8.9	11.3
152.5°	14.5	12.2	10.0	7.7	5.4	3.1	0.8	3.1	5.4	7.7	10.0
155°	13.4	11.3	9.2	7.1	5.0	2.9	0.8	2.9	5.0	7.1	9.2
157.5°	12.5	10.6	8.6	6.6	4.7	2.7	0.8	2.7	4.7	6.6	8.6
160°	11.7	9.8	8.0	6.2	4.4	2.6	0.8	2.6	4.4	6.2	8.0
162.5°	10.8	9.1	7.4	5.8	4.1	2.5	0.8	2.5	4.1	5.8	7.4
165°	10.0	8.4	6.9	5.4	3.9	2.3	0.8	2.3	3.9	5.4	6.9
167.5°	8.7	7.4	6.1	4.8	3.5	2.1	0.8	2.1	3.5	4.8	6.1
170°	7.5	6.4	5.3	4.2	3.0	1.9	0.8	1.9	3.0	4.2	5.3
172.5°	6.0	5.1	4.3	3.4	2.5	1.7	0.8	1.7	2.5	3.4	4.3
175°	4.4	3.8	3.2	2.6	2.0	1.4	0.8	1.4	2.0	2.6	3.2
177.5°	3.5	3.2	2.9	2.6	2.3	2.0	1.7	2.0	2.3	2.6	2.9
180°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0



TEST NUMBER: P232054

CATALOG NUMBER: FVS4WM-3-LD4-40-2LO-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
0°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
2.5°	3.2	3.5	3.8	4.1	4.4	4.7	5.0	5.2	5.5	5.8	6.0
5°	3.8	4.4	5.0	5.6	6.2	6.8	7.3	7.9	8.5	9.0	9.6
7.5°	5.1	6.0	6.8	7.7	8.5	9.3	10.1	10.9	11.7	12.4	13.2
10°	6.4	7.5	8.6	9.7	10.7	11.8	12.9	13.9	14.9	15.9	16.9
12.5°	7.4	8.7	10.1	11.4	12.7	14.0	15.3	16.6	17.9	19.1	20.4
15°	8.4	10.0	11.5	13.0	14.5	16.0	17.4	18.9	20.4	21.8	23.3
17.5°	9.1	10.8	12.5	14.2	15.9	17.7	19.4	21.3	22.9	24.5	26.2
20°	9.8	11.7	13.5	15.3	17.1	18.9	20.7	22.6	24.6	26.6	28.6
22.5°	10.6	12.5	14.5	16.4	18.4	20.4	22.4	24.4	26.4	28.4	30.4
25°	11.3	13.4	15.5	17.6	19.7	21.8	23.9	26.1	28.2	30.4	32.6
27.5°	12.2	14.5	16.7	18.9	21.1	23.3	25.5	27.8	30.0	32.2	34.6
30°	13.6	16.0	18.3	20.6	22.8	25.2	27.5	29.7	31.9	34.3	36.7
32.5°	15.0	17.5	20.0	22.5	24.9	27.3	29.6	32.0	34.4	36.7	39.0
35°	16.1	18.9	21.7	24.4	27.0	29.5	32.0	34.3	36.8	39.3	42.4
37.5°	16.9	19.9	23.0	26.0	28.9	31.8	34.6	37.1	39.5	42.8	46.6
40°	17.8	20.9	24.0	27.2	30.4	33.6	36.8	39.8	43.2	46.6	50.2
42.5°	18.6	22.0	25.4	28.7	31.9	35.1	38.4	42.0	45.7	49.4	53.5
45°	19.2	22.8	26.4	29.9	33.5	37.0	40.0	43.4	47.2	51.4	55.7
47.5°	19.6	23.4	27.2	31.0	34.7	37.8	41.1	44.6	48.4	52.5	57.2
50°	19.9	23.6	27.5	31.6	35.0	38.0	41.4	45.1	49.1	53.4	58.2
52.5°	20.3	24.3	28.2	31.4	34.4	37.8	41.3	45.2	49.4	53.9	58.9
55°	20.2	24.2	28.1	31.2	34.3	37.5	41.0	44.8	49.2	54.0	59.2
57.5°	20.0	24.1	27.2	30.4	33.8	37.3	40.8	44.7	48.8	53.8	59.3
60°	19.6	23.2	26.4	29.7	33.1	36.7	40.6	44.6	48.9	53.3	60.2
62.5°	18.2	21.9	25.6	29.1	32.7	36.2	40.1	44.3	49.3	55.2	61.8
65°	17.3	20.9	24.5	28.5	32.3	36.0	39.9	44.8	50.6	56.8	63.7
67.5°	16.3	20.1	24.0	28.0	32.0	36.1	40.7	45.7	51.6	58.2	65.3
70°	15.3	19.1	23.4	27.8	32.0	36.5	41.4	46.6	52.4	59.5	67.0
72.5°	14.5	18.2	22.6	27.1	31.8	36.7	42.1	47.6	53.6	60.7	68.7
75°	13.7	17.7	21.1	25.7	31.1	36.6	42.5	48.6	54.8	61.9	70.5
77.5°	12.4	15.4	19.0	23.9	29.9	36.5	42.9	49.7	56.1	63.0	71.1
80°	8.9	11.8	16.2	21.9	28.6	36.0	42.8	49.6	56.5	63.7	71.4
82.5°	4.7	8.3	13.1	19.9	27.3	34.7	42.2	49.4	56.9	64.7	72.3
85°	1.6	5.9	11.7	18.7	26.5	34.1	42.0	49.5	57.4	66.2	73.6
87.5°	0.4	5.1	11.2	18.4	26.5	34.1	42.2	50.1	58.2	68.1	75.5
90°	0.0	5.0	11.6	19.0	27.3	34.8	43.1	51.3	59.6	70.4	77.8
92.5°	0.4	5.1	11.2	18.4	26.5	34.1	42.2	50.1	58.2	68.1	75.5
95°	1.6	5.9	11.7	18.7	26.5	34.1	42.0	49.5	57.4	66.2	73.6
97.5°	4.7	8.3	13.1	19.9	27.3	34.7	42.2	49.4	56.9	64.7	72.3
100°	8.9	11.8	16.2	21.9	28.6	36.0	42.8	49.6	56.5	63.7	71.4
102.5°	12.4	15.4	19.0	23.9	29.9	36.5	42.9	49.7	56.1	63.0	71.1
105°	13.7	17.7	21.1	25.7	31.1	36.6	42.5	48.6	54.8	61.9	70.5
107.5°	14.5	18.2	22.6	27.1	31.8	36.7	42.1	47.6	53.6	60.7	68.7
110°	15.3	19.1	23.4	27.8	32.0	36.5	41.4	46.6	52.4	59.5	67.0



TEST NUMBER: P232054

CATALOG NUMBER: FVS4WM-3-LD4-40-2LO-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
112.5°	16.3	20.1	24.0	28.0	32.0	36.1	40.7	45.7	51.6	58.2	65.3
115°	17.3	20.9	24.5	28.5	32.3	36.0	39.9	44.8	50.6	56.8	63.7
117.5°	18.2	21.9	25.6	29.1	32.7	36.2	40.1	44.3	49.3	55.2	61.8
120°	19.6	23.2	26.4	29.7	33.1	36.7	40.6	44.6	48.9	53.3	60.2
122.5°	20.0	24.1	27.2	30.4	33.8	37.3	40.8	44.7	48.8	53.8	59.3
125°	20.2	24.2	28.1	31.2	34.3	37.5	41.0	44.8	49.2	54.0	59.2
127.5°	20.3	24.3	28.2	31.4	34.4	37.8	41.3	45.2	49.4	53.9	58.9
130°	19.9	23.6	27.5	31.6	35.0	38.0	41.4	45.1	49.1	53.4	58.2
132.5°	19.6	23.4	27.2	31.0	34.7	37.8	41.1	44.6	48.4	52.5	57.2
135°	19.2	22.8	26.4	29.9	33.5	37.0	40.0	43.4	47.2	51.4	55.7
137.5°	18.6	22.0	25.4	28.7	31.9	35.1	38.4	42.0	45.7	49.4	53.5
140°	17.8	20.9	24.0	27.2	30.4	33.6	36.8	39.8	43.2	46.6	50.2
142.5°	16.9	19.9	23.0	26.0	28.9	31.8	34.6	37.1	39.5	42.8	46.6
145°	16.1	18.9	21.7	24.4	27.0	29.5	32.0	34.3	36.8	39.3	42.4
147.5°	15.0	17.5	20.0	22.5	24.9	27.3	29.6	32.0	34.4	36.7	39.0
150°	13.6	16.0	18.3	20.6	22.8	25.2	27.5	29.7	31.9	34.3	36.7
152.5°	12.2	14.5	16.7	18.9	21.1	23.3	25.5	27.8	30.0	32.2	34.6
155°	11.3	13.4	15.5	17.6	19.7	21.8	23.9	26.1	28.2	30.4	32.6
157.5°	10.6	12.5	14.5	16.4	18.4	20.4	22.4	24.4	26.4	28.4	30.4
160°	9.8	11.7	13.5	15.3	17.1	18.9	20.7	22.6	24.6	26.6	28.6
162.5°	9.1	10.8	12.5	14.2	15.9	17.7	19.4	21.3	22.9	24.5	26.2
165°	8.4	10.0	11.5	13.0	14.5	16.0	17.4	18.9	20.4	21.8	23.3
167.5°	7.4	8.7	10.1	11.4	12.7	14.0	15.3	16.6	17.9	19.1	20.4
170°	6.4	7.5	8.6	9.7	10.7	11.8	12.9	13.9	14.9	15.9	16.9
172.5°	5.1	6.0	6.8	7.7	8.5	9.3	10.1	10.9	11.7	12.4	13.2
175°	3.8	4.4	5.0	5.6	6.2	6.8	7.3	7.9	8.5	9.0	9.6
177.5°	3.2	3.5	3.8	4.1	4.4	4.7	5.0	5.2	5.5	5.8	6.0
180°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0



TEST NUMBER: P232054

CATALOG NUMBER: FVS4WM-3-LD4-40-2LO-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
0°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
2.5°	6.3	6.6	6.8	7.0	7.3	7.5	7.7	7.9	8.1	8.3	8.4
5°	10.1	10.6	11.1	11.6	12.1	12.5	13.0	13.4	13.8	14.2	14.6
7.5°	13.9	14.6	15.2	15.9	16.6	17.3	17.9	18.6	19.2	19.8	20.4
10°	17.9	18.8	19.7	20.6	21.4	22.2	23.0	23.8	24.5	25.3	26.0
12.5°	21.6	22.8	23.9	25.0	26.1	27.2	28.2	29.1	30.0	30.9	31.7
15°	24.8	26.3	27.7	29.2	30.5	31.8	33.0	34.3	35.4	36.5	37.5
17.5°	27.8	29.4	31.0	32.7	34.4	36.0	37.7	39.1	40.5	41.9	43.1
20°	30.7	32.6	34.4	36.2	37.9	39.8	41.7	43.6	45.4	47.0	48.5
22.5°	32.6	34.9	37.2	39.6	41.6	43.5	45.5	47.6	49.7	51.9	53.7
25°	34.8	37.0	39.2	41.9	44.6	47.3	49.4	51.6	53.8	56.2	60.1
27.5°	37.0	39.4	41.8	44.2	46.8	49.8	54.5	59.0	63.2	67.6	72.3
30°	39.1	41.6	44.3	48.0	52.4	57.0	62.3	68.0	73.4	78.4	83.6
32.5°	41.5	45.2	49.4	54.1	58.9	64.0	69.4	75.5	82.1	88.4	94.4
35°	46.2	50.1	54.7	59.4	64.7	70.2	76.1	82.4	89.6	97.3	104.4
37.5°	50.7	54.9	59.3	64.3	69.8	75.7	82.1	89.0	96.3	104.9	113.7
40°	54.3	59.0	63.8	68.8	74.4	80.7	87.6	94.8	102.9	111.7	121.7
42.5°	57.6	62.1	67.5	73.1	78.8	85.2	92.5	100.4	108.8	118.4	129.0
45°	60.3	65.2	70.3	76.5	82.9	89.4	97.0	105.4	114.5	124.6	135.6
47.5°	62.2	67.5	73.1	79.1	86.3	93.6	101.0	110.1	119.9	130.2	142.4
50°	63.5	69.2	75.3	81.8	89.0	97.3	105.4	114.3	124.1	134.3	145.5
52.5°	64.4	70.4	76.9	84.0	91.5	100.7	109.6	117.7	127.3	137.6	148.5
55°	65.0	71.3	78.4	87.1	96.3	105.6	114.4	122.4	131.0	141.1	152.0
57.5°	65.4	73.3	81.8	90.8	100.9	110.9	119.9	127.8	135.0	145.0	156.0
60°	67.7	75.8	84.7	94.4	105.0	116.0	126.3	133.7	140.6	149.5	160.3
62.5°	69.8	78.3	87.6	97.7	108.8	121.1	132.4	140.4	146.8	154.4	164.7
65°	71.6	80.6	90.3	100.9	112.6	125.5	138.1	147.7	153.4	159.6	169.5
67.5°	73.5	82.9	93.1	104.1	116.3	129.8	143.9	155.7	160.6	165.6	174.9
70°	75.5	85.2	95.9	107.4	119.9	134.0	149.7	162.9	168.3	172.1	179.2
72.5°	77.4	87.4	98.6	110.7	123.6	137.0	151.2	163.2	169.0	172.7	179.2
75°	79.4	89.0	99.2	110.4	122.8	136.5	149.9	161.4	168.7	173.1	179.5
77.5°	79.5	88.4	98.2	109.4	122.2	136.4	149.6	160.2	168.2	173.3	180.0
80°	79.9	88.5	97.8	108.7	121.8	136.6	150.2	159.5	167.6	173.5	180.7
82.5°	80.8	89.2	97.9	108.3	121.7	137.4	151.5	159.3	167.0	173.6	181.6
85°	82.1	90.5	98.5	108.4	122.0	138.6	153.3	159.5	166.4	173.9	182.8
87.5°	83.9	92.3	99.5	109.0	122.8	140.2	155.6	159.9	165.9	174.2	184.0
90°	86.1	94.4	101.0	110.1	124.2	142.4	158.1	160.6	165.6	174.7	185.5
92.5°	83.9	92.3	99.5	109.0	122.8	140.2	155.6	159.9	165.9	174.2	184.0
95°	82.1	90.5	98.5	108.4	122.0	138.6	153.3	159.5	166.4	173.9	182.8
97.5°	80.8	89.2	97.9	108.3	121.7	137.4	151.5	159.3	167.0	173.6	181.6
100°	79.9	88.5	97.8	108.7	121.8	136.6	150.2	159.5	167.6	173.5	180.7
102.5°	79.5	88.4	98.2	109.4	122.2	136.4	149.6	160.2	168.2	173.3	180.0
105°	79.4	89.0	99.2	110.4	122.8	136.5	149.9	161.4	168.7	173.1	179.5
107.5°	77.4	87.4	98.6	110.7	123.6	137.0	151.2	163.2	169.0	172.7	179.2
110°	75.5	85.2	95.9	107.4	119.9	134.0	149.7	162.9	168.3	172.1	179.2



TEST NUMBER: P232054

CATALOG NUMBER: FVS4WM-3-LD4-40-2LO-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
112.5°	73.5	82.9	93.1	104.1	116.3	129.8	143.9	155.7	160.6	165.6	174.9
115°	71.6	80.6	90.3	100.9	112.6	125.5	138.1	147.7	153.4	159.6	169.5
117.5°	69.8	78.3	87.6	97.7	108.8	121.1	132.4	140.4	146.8	154.4	164.7
120°	67.7	75.8	84.7	94.4	105.0	116.0	126.3	133.7	140.6	149.5	160.3
122.5°	65.4	73.3	81.8	90.8	100.9	110.9	119.9	127.8	135.0	145.0	156.0
125°	65.0	71.3	78.4	87.1	96.3	105.6	114.4	122.4	131.0	141.1	152.0
127.5°	64.4	70.4	76.9	84.0	91.5	100.7	109.6	117.7	127.3	137.6	148.5
130°	63.5	69.2	75.3	81.8	89.0	97.3	105.4	114.3	124.1	134.3	145.5
132.5°	62.2	67.5	73.1	79.1	86.3	93.6	101.0	110.1	119.9	130.2	142.4
135°	60.3	65.2	70.3	76.5	82.9	89.4	97.0	105.4	114.5	124.6	135.6
137.5°	57.6	62.1	67.5	73.1	78.8	85.2	92.5	100.4	108.8	118.4	129.0
140°	54.3	59.0	63.8	68.8	74.4	80.7	87.6	94.8	102.9	111.7	121.7
142.5°	50.7	54.9	59.3	64.3	69.8	75.7	82.1	89.0	96.3	104.9	113.7
145°	46.2	50.1	54.7	59.4	64.7	70.2	76.1	82.4	89.6	97.3	104.4
147.5°	41.5	45.2	49.4	54.1	58.9	64.0	69.4	75.5	82.1	88.4	94.4
150°	39.1	41.6	44.3	48.0	52.4	57.0	62.3	68.0	73.4	78.4	83.6
152.5°	37.0	39.4	41.8	44.2	46.8	49.8	54.5	59.0	63.2	67.6	72.3
155°	34.8	37.0	39.2	41.9	44.6	47.3	49.4	51.6	53.8	56.2	60.1
157.5°	32.6	34.9	37.2	39.6	41.6	43.5	45.5	47.6	49.7	51.9	53.7
160°	30.7	32.6	34.4	36.2	37.9	39.8	41.7	43.6	45.4	47.0	48.5
162.5°	27.8	29.4	31.0	32.7	34.4	36.0	37.7	39.1	40.5	41.9	43.1
165°	24.8	26.3	27.7	29.2	30.5	31.8	33.0	34.3	35.4	36.5	37.5
167.5°	21.6	22.8	23.9	25.0	26.1	27.2	28.2	29.1	30.0	30.9	31.7
170°	17.9	18.8	19.7	20.6	21.4	22.2	23.0	23.8	24.5	25.3	26.0
172.5°	13.9	14.6	15.2	15.9	16.6	17.3	17.9	18.6	19.2	19.8	20.4
175°	10.1	10.6	11.1	11.6	12.1	12.5	13.0	13.4	13.8	14.2	14.6
177.5°	6.3	6.6	6.8	7.0	7.3	7.5	7.7	7.9	8.1	8.3	8.4
180°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0



TEST NUMBER: P232054

CATALOG NUMBER: FVS4WM-3-LD4-40-2LO-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
0°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
2.5°	8.6	8.7	8.9	9.0	9.1	9.2	9.3	9.3	9.4	9.4	10.4
5°	14.9	15.3	15.6	15.9	16.2	16.4	16.6	16.8	17.0	17.1	19.0
7.5°	20.9	21.4	21.9	22.4	22.9	23.4	23.8	24.2	24.6	24.9	27.7
10°	26.7	27.4	28.1	28.7	29.4	30.1	30.8	31.5	32.1	32.6	36.3
12.5°	32.5	33.4	34.2	35.0	35.7	36.6	37.6	38.6	39.5	40.3	44.9
15°	38.4	39.3	40.3	41.2	42.1	43.0	44.3	45.6	46.9	48.0	53.5
17.5°	44.3	45.3	46.3	47.4	48.5	49.5	50.7	52.5	54.2	55.8	62.0
20°	50.0	51.3	52.4	53.6	54.8	56.0	57.2	59.3	61.4	63.5	70.6
22.5°	55.4	57.1	58.5	59.8	61.0	62.4	63.8	65.9	68.6	71.2	79.1
25°	63.7	67.1	70.3	73.3	76.1	79.0	81.8	84.9	88.9	92.6	101.4
27.5°	77.0	81.2	85.1	89.1	92.9	96.6	100.3	104.1	109.2	114.1	123.9
30°	89.2	94.6	99.4	104.1	109.0	113.8	118.5	122.9	129.4	135.5	146.5
32.5°	100.6	107.1	113.2	118.7	124.6	130.5	136.4	141.9	149.4	156.9	169.0
35°	111.4	118.9	126.4	132.9	139.5	146.8	153.9	160.7	169.4	178.4	191.6
37.5°	121.7	130.1	138.8	146.7	154.3	162.7	171.2	179.3	189.2	199.8	214.2
40°	131.4	140.7	150.5	160.1	168.5	178.2	188.2	197.8	208.9	221.2	236.8
42.5°	140.4	150.9	161.8	173.4	182.7	193.2	205.3	216.0	228.6	242.7	259.4
45°	148.4	160.6	172.7	185.2	196.6	208.0	221.4	234.1	248.1	264.1	282.0
47.5°	155.3	167.8	179.1	190.8	202.0	213.1	227.4	241.7	257.2	275.1	294.9
50°	157.3	169.7	180.9	192.3	204.1	216.2	232.2	248.6	266.2	286.2	307.7
52.5°	160.3	172.1	183.3	194.3	205.9	219.4	236.7	255.3	275.1	297.2	320.5
55°	163.8	175.3	186.1	196.5	207.9	222.4	241.0	261.8	283.9	308.3	333.4
57.5°	167.7	179.1	189.3	199.2	210.3	225.3	245.1	268.2	292.6	319.3	346.3
60°	172.0	183.6	193.4	202.5	212.9	228.1	249.2	274.5	301.4	330.4	359.1
62.5°	176.6	188.5	197.3	206.0	215.9	230.8	253.1	280.6	310.1	341.4	372.0
65°	181.5	193.3	202.0	209.9	219.0	233.5	257.0	286.7	318.8	352.5	384.9
67.5°	186.6	198.5	207.1	214.0	222.4	236.2	260.8	292.8	327.5	363.5	397.8
70°	189.4	200.0	207.6	213.3	221.2	234.3	258.2	290.2	325.9	362.8	400.8
72.5°	188.5	198.0	205.4	210.5	218.9	232.0	255.3	287.4	324.2	362.0	403.8
75°	188.1	196.5	203.4	207.8	216.6	230.0	252.7	284.8	322.6	361.3	408.4
77.5°	188.2	195.3	201.5	205.2	214.2	228.2	250.2	282.2	321.1	360.6	411.0
80°	188.6	194.5	199.8	202.5	212.0	226.5	248.0	279.8	319.7	359.8	413.6
82.5°	189.4	193.8	198.2	200.0	209.7	225.1	245.9	277.6	318.3	359.1	416.2
85°	190.4	193.4	196.6	197.5	207.6	223.9	244.1	275.4	317.0	358.4	418.7
87.5°	191.6	193.1	195.2	195.2	205.6	222.8	242.4	273.4	315.8	357.6	421.3
90°	192.9	192.9	193.7	192.9	203.7	221.9	240.9	271.6	314.6	356.9	423.9
92.5°	191.6	193.1	195.2	195.2	205.6	222.8	242.4	273.4	315.8	357.6	421.3
95°	190.4	193.4	196.6	197.5	207.6	223.9	244.1	275.4	317.0	358.4	418.7
97.5°	189.4	193.8	198.2	200.0	209.7	225.1	245.9	277.6	318.3	359.1	416.2
100°	188.6	194.5	199.8	202.5	212.0	226.5	248.0	279.8	319.7	359.8	413.6
102.5°	188.2	195.3	201.5	205.2	214.2	228.2	250.2	282.2	321.1	360.6	411.0
105°	188.1	196.5	203.4	207.8	216.6	230.0	252.7	284.8	322.6	361.3	408.4
107.5°	188.5	198.0	205.4	210.5	218.9	232.0	255.3	287.4	324.2	362.0	403.8
110°	189.4	200.0	207.6	213.3	221.2	234.3	258.2	290.2	325.9	362.8	400.8





TEST NUMBER: P232054

CATALOG NUMBER: FVS4WM-3-LD4-40-2LO-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
112.5°	186.6	198.5	207.1	214.0	222.4	236.2	260.8	292.8	327.5	363.5	397.8
115°	181.5	193.3	202.0	209.9	219.0	233.5	257.0	286.7	318.8	352.5	384.9
117.5°	176.6	188.5	197.3	206.0	215.9	230.8	253.1	280.6	310.1	341.4	372.0
120°	172.0	183.6	193.4	202.5	212.9	228.1	249.2	274.5	301.4	330.4	359.1
122.5°	167.7	179.1	189.3	199.2	210.3	225.3	245.1	268.2	292.6	319.3	346.3
125°	163.8	175.3	186.1	196.5	207.9	222.4	241.0	261.8	283.9	308.3	333.4
127.5°	160.3	172.1	183.3	194.3	205.9	219.4	236.7	255.3	275.1	297.2	320.5
130°	157.3	169.7	180.9	192.3	204.1	216.2	232.2	248.6	266.2	286.2	307.7
132.5°	155.3	167.8	179.1	190.8	202.0	213.1	227.4	241.7	257.2	275.1	294.9
135°	148.4	160.6	172.7	185.2	196.6	208.0	221.4	234.1	248.1	264.1	282.0
137.5°	140.4	150.9	161.8	173.4	182.7	193.2	205.3	216.0	228.6	242.7	259.4
140°	131.4	140.7	150.5	160.1	168.5	178.2	188.2	197.8	208.9	221.2	236.8
142.5°	121.7	130.1	138.8	146.7	154.3	162.7	171.2	179.3	189.2	199.8	214.2
145°	111.4	118.9	126.4	132.9	139.5	146.8	153.9	160.7	169.4	178.4	191.6
147.5°	100.6	107.1	113.2	118.7	124.6	130.5	136.4	141.9	149.4	156.9	169.0
150°	89.2	94.6	99.4	104.1	109.0	113.8	118.5	122.9	129.4	135.5	146.5
152.5°	77.0	81.2	85.1	89.1	92.9	96.6	100.3	104.1	109.2	114.1	123.9
155°	63.7	67.1	70.3	73.3	76.1	79.0	81.8	84.9	88.9	92.6	101.4
157.5°	55.4	57.1	58.5	59.8	61.0	62.4	63.8	65.9	68.6	71.2	79.1
160°	50.0	51.3	52.4	53.6	54.8	56.0	57.2	59.3	61.4	63.5	70.6
162.5°	44.3	45.3	46.3	47.4	48.5	49.5	50.7	52.5	54.2	55.8	62.0
165°	38.4	39.3	40.3	41.2	42.1	43.0	44.3	45.6	46.9	48.0	53.5
167.5°	32.5	33.4	34.2	35.0	35.7	36.6	37.6	38.6	39.5	40.3	44.9
170°	26.7	27.4	28.1	28.7	29.4	30.1	30.8	31.5	32.1	32.6	36.3
172.5°	20.9	21.4	21.9	22.4	22.9	23.4	23.8	24.2	24.6	24.9	27.7
175°	14.9	15.3	15.6	15.9	16.2	16.4	16.6	16.8	17.0	17.1	19.0
177.5°	8.6	8.7	8.9	9.0	9.1	9.2	9.3	9.3	9.4	9.4	10.4
180°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0



TEST NUMBER: P232054

CATALOG NUMBER: FVS4WM-3-LD4-40-2LO-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
0°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
2.5°	11.3	12.2	13.1	14.0	14.9	15.7	16.5	17.3	18.1	18.8	19.5
5°	20.9	22.7	24.5	26.3	28.0	29.6	31.2	32.8	34.3	35.7	37.1
7.5°	30.5	33.2	35.8	38.4	41.0	43.4	45.9	48.9	51.7	54.4	57.1
10°	40.0	43.5	47.1	50.5	54.0	58.1	62.2	66.1	69.8	73.5	77.2
12.5°	49.4	53.9	58.2	62.8	68.1	73.3	78.3	83.1	87.7	92.0	96.1
15°	58.8	64.1	69.4	75.9	82.2	88.3	94.3	100.0	105.4	110.7	116.4
17.5°	68.2	74.3	81.3	88.8	96.1	103.2	110.2	117.0	123.5	129.2	134.3
20°	77.5	84.5	93.1	101.6	109.9	118.3	126.4	134.3	141.0	147.3	153.4
22.5°	86.8	95.2	104.9	114.3	124.0	133.6	142.9	150.9	158.6	165.6	171.0
25°	109.8	119.1	128.8	138.1	147.4	156.3	164.0	171.2	177.5	182.1	188.0
27.5°	133.4	143.9	154.3	164.2	173.8	182.5	190.2	197.2	202.2	206.8	207.7
30°	157.0	168.5	179.7	189.7	200.2	207.6	215.3	221.0	226.1	227.8	227.9
32.5°	180.8	192.9	204.3	214.6	223.9	231.8	238.7	244.2	247.3	247.9	248.3
35°	204.5	217.2	228.6	238.9	247.5	255.7	261.2	266.2	267.4	268.2	268.7
37.5°	228.0	241.3	252.5	262.6	270.3	277.3	283.1	286.1	287.7	288.5	289.5
40°	251.5	265.2	275.9	285.2	292.5	298.8	304.1	306.0	307.6	308.8	311.2
42.5°	274.8	288.9	298.9	307.2	313.9	319.8	323.8	325.9	327.6	329.5	332.0
45°	298.1	311.9	321.5	328.6	334.7	340.4	343.5	345.7	347.6	349.9	353.2
47.5°	313.4	329.9	343.2	352.5	360.6	366.8	368.6	367.8	367.6	369.8	374.0
50°	328.6	348.2	365.4	378.5	391.9	402.6	409.4	413.2	414.0	411.4	406.7
52.5°	344.1	367.1	388.3	405.8	425.4	441.0	453.0	461.9	467.8	466.6	463.4
55°	359.8	386.7	412.2	434.8	460.8	481.7	499.3	513.8	523.8	522.2	517.8
57.5°	375.6	406.9	436.9	465.5	497.8	524.6	548.0	568.6	579.1	577.2	570.3
60°	391.6	427.6	462.3	497.5	536.0	569.3	598.9	626.0	634.7	630.1	621.2
62.5°	407.8	448.7	488.3	530.6	575.6	615.5	651.8	685.8	690.7	681.4	669.1
65°	424.0	470.2	514.8	564.7	616.3	663.1	706.5	742.9	746.7	731.2	714.0
67.5°	440.2	491.9	541.7	599.5	658.1	711.8	762.6	798.2	798.4	779.2	756.4
70°	444.1	496.8	547.7	609.5	672.7	734.2	795.4	836.0	840.9	823.4	798.8
72.5°	447.5	500.1	550.3	612.7	676.0	739.9	804.5	846.4	857.8	846.0	826.8
75°	450.6	502.9	552.3	615.1	678.5	745.1	813.3	858.6	878.4	870.0	854.0
77.5°	453.5	505.4	553.8	616.8	680.2	749.8	821.4	872.3	901.8	895.2	881.8
80°	457.5	507.5	554.8	617.7	681.2	753.9	828.8	886.8	927.3	921.4	910.1
82.5°	459.5	510.6	557.0	617.8	681.4	757.2	835.4	901.8	954.2	948.4	939.0
85°	461.4	511.2	556.2	618.5	682.2	761.9	843.6	919.4	981.6	976.0	968.2
87.5°	463.4	511.9	555.5	616.5	679.8	761.8	846.1	931.7	1009.6	1004.1	997.7
90°	465.3	512.5	554.7	614.4	677.3	761.7	848.7	943.9	1035.0	1032.5	1027.5
92.5°	463.4	511.9	555.5	616.5	679.8	761.8	846.1	931.7	1009.6	1004.1	997.7
95°	461.4	511.2	556.2	618.5	682.2	761.9	843.6	919.4	981.6	976.0	968.2
97.5°	459.5	510.6	557.0	617.8	681.4	757.2	835.4	901.8	954.2	948.4	939.0
100°	457.5	507.5	554.8	617.7	681.2	753.9	828.8	886.8	927.3	921.4	910.1
102.5°	453.5	505.4	553.8	616.8	680.2	749.8	821.4	872.3	901.8	895.2	881.8
105°	450.6	502.9	552.3	615.1	678.5	745.1	813.3	858.6	878.4	870.0	854.0
107.5°	447.5	500.1	550.3	612.7	676.0	739.9	804.5	846.4	857.8	846.0	826.8
110°	444.1	496.8	547.7	609.5	672.7	734.2	795.4	836.0	840.9	823.4	798.8



TEST NUMBER: P232054

CATALOG NUMBER: FVS4WM-3-LD4-40-2LO-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
112.5°	440.2	491.9	541.7	599.5	658.1	711.8	762.6	798.2	798.4	779.2	756.4
115°	424.0	470.2	514.8	564.7	616.3	663.1	706.5	742.9	746.7	731.2	714.0
117.5°	407.8	448.7	488.3	530.6	575.6	615.5	651.8	685.8	690.7	681.4	669.1
120°	391.6	427.6	462.3	497.5	536.0	569.3	598.9	626.0	634.7	630.1	621.2
122.5°	375.6	406.9	436.9	465.5	497.8	524.6	548.0	568.6	579.1	577.2	570.3
125°	359.8	386.7	412.2	434.8	460.8	481.7	499.3	513.8	523.8	522.2	517.8
127.5°	344.1	367.1	388.3	405.8	425.4	441.0	453.0	461.9	467.8	466.6	463.4
130°	328.6	348.2	365.4	378.5	391.9	402.6	409.4	413.2	414.0	411.4	406.7
132.5°	313.4	329.9	343.2	352.5	360.6	366.8	368.6	367.8	367.6	369.8	374.0
135°	298.1	311.9	321.5	328.6	334.7	340.4	343.5	345.7	347.6	349.9	353.2
137.5°	274.8	288.9	298.9	307.2	313.9	319.8	323.8	325.9	327.6	329.5	332.0
140°	251.5	265.2	275.9	285.2	292.5	298.8	304.1	306.0	307.6	308.8	311.2
142.5°	228.0	241.3	252.5	262.6	270.3	277.3	283.1	286.1	287.7	288.5	289.5
145°	204.5	217.2	228.6	238.9	247.5	255.7	261.2	266.2	267.4	268.2	268.7
147.5°	180.8	192.9	204.3	214.6	223.9	231.8	238.7	244.2	247.3	247.9	248.3
150°	157.0	168.5	179.7	189.7	200.2	207.6	215.3	221.0	226.1	227.8	227.9
152.5°	133.4	143.9	154.3	164.2	173.8	182.5	190.2	197.2	202.2	206.8	207.7
155°	109.8	119.1	128.8	138.1	147.4	156.3	164.0	171.2	177.5	182.1	188.0
157.5°	86.8	95.2	104.9	114.3	124.0	133.6	142.9	150.9	158.6	165.6	171.0
160°	77.5	84.5	93.1	101.6	109.9	118.3	126.4	134.3	141.0	147.3	153.4
162.5°	68.2	74.3	81.3	88.8	96.1	103.2	110.2	117.0	123.5	129.2	134.3
165°	58.8	64.1	69.4	75.9	82.2	88.3	94.3	100.0	105.4	110.7	116.4
167.5°	49.4	53.9	58.2	62.8	68.1	73.3	78.3	83.1	87.7	92.0	96.1
170°	40.0	43.5	47.1	50.5	54.0	58.1	62.2	66.1	69.8	73.5	77.2
172.5°	30.5	33.2	35.8	38.4	41.0	43.4	45.9	48.9	51.7	54.4	57.1
175°	20.9	22.7	24.5	26.3	28.0	29.6	31.2	32.8	34.3	35.7	37.1
177.5°	11.3	12.2	13.1	14.0	14.9	15.7	16.5	17.3	18.1	18.8	19.5
180°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0



TEST NUMBER: P232054

CATALOG NUMBER: FVS4WM-3-LD4-40-2LO-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
0°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
2.5°	20.1	20.7	21.3	21.9	22.4	22.8	23.3	23.7	24.0	24.3	24.6
5°	38.7	40.3	41.9	43.3	44.7	45.9	47.1	48.2	49.1	50.0	50.8
7.5°	59.6	62.0	64.3	66.4	68.4	70.0	71.5	72.9	74.1	75.2	76.1
10°	80.1	83.0	85.7	88.3	90.7	92.8	94.8	96.5	97.7	98.8	99.7
12.5°	100.0	103.7	107.1	109.8	112.3	114.6	116.6	118.4	120.0	121.3	122.4
15°	119.9	123.7	127.3	130.6	133.6	136.1	138.4	140.4	142.2	143.8	145.3
17.5°	139.2	144.5	147.5	150.9	154.0	156.9	159.7	162.5	165.2	168.0	170.7
20°	158.2	162.6	166.7	170.3	173.3	176.4	179.6	182.9	186.4	190.0	193.6
22.5°	176.1	180.5	183.2	186.2	189.4	192.9	196.7	200.7	205.2	210.9	216.5
25°	191.2	193.5	196.5	199.2	202.7	206.5	212.5	218.8	225.3	232.4	240.2
27.5°	207.4	206.8	206.4	209.4	215.0	221.6	229.3	237.1	246.0	255.0	264.7
30°	227.8	227.4	227.3	229.3	231.1	236.2	245.7	255.4	266.8	278.3	290.6
32.5°	248.4	249.2	251.5	254.0	258.3	262.3	267.7	274.6	288.0	303.8	319.5
35°	269.8	272.4	275.6	280.3	285.5	292.1	298.4	308.2	317.0	334.3	358.5
37.5°	292.2	295.5	300.5	306.6	314.2	323.4	334.9	347.9	366.8	386.6	407.6
40°	314.0	319.2	325.6	333.9	345.2	358.4	377.3	398.9	423.4	449.8	476.0
42.5°	336.6	342.5	351.6	363.8	378.7	401.3	425.5	455.3	487.4	516.9	547.6
45°	358.2	367.3	379.1	395.7	419.9	446.7	479.8	513.2	549.6	586.5	626.7
47.5°	381.3	391.2	409.5	433.2	462.5	497.3	533.9	574.0	616.5	660.7	706.5
50°	406.0	420.0	441.4	473.1	508.4	546.6	590.2	636.4	686.7	734.7	785.5
52.5°	461.9	468.7	487.3	513.8	554.5	598.6	646.9	700.1	751.5	806.7	864.9
55°	517.2	524.4	544.8	570.8	607.1	650.3	702.1	758.0	815.5	875.6	943.6
57.5°	568.1	577.5	596.2	623.5	662.8	709.3	760.1	814.7	874.8	943.0	1018.4
60°	616.5	625.2	643.8	674.6	715.4	763.0	815.3	871.7	934.4	1004.2	1091.7
62.5°	663.9	670.3	687.1	720.0	763.6	811.9	864.9	923.7	993.1	1072.7	1161.6
65°	707.2	711.7	730.2	763.5	807.0	854.4	908.9	974.8	1050.1	1134.9	1231.1
67.5°	746.6	748.9	768.8	803.6	845.6	893.1	949.8	1020.1	1099.9	1191.4	1306.8
70°	784.4	783.2	803.1	839.4	879.0	926.7	989.0	1062.1	1144.3	1241.6	1373.9
72.5°	815.7	816.5	836.0	871.0	907.8	957.5	1022.8	1096.4	1180.6	1289.9	1422.2
75°	844.1	844.9	862.2	891.2	927.0	978.8	1049.0	1124.1	1207.5	1324.3	1468.4
77.5°	871.8	870.6	884.6	907.0	940.0	992.8	1063.6	1144.3	1238.2	1359.0	1506.7
80°	899.0	894.2	903.7	918.9	949.1	1001.9	1075.1	1161.3	1263.3	1393.0	1544.5
82.5°	926.1	916.2	920.3	927.9	955.0	1006.6	1083.4	1174.9	1281.0	1416.2	1576.5
85°	953.0	937.2	935.0	934.7	958.3	1007.4	1088.1	1184.5	1291.8	1428.7	1600.6
87.5°	979.9	957.5	948.5	940.1	960.0	1006.1	1091.2	1192.2	1298.7	1435.6	1621.3
90°	1007.6	978.7	962.1	945.5	959.6	1000.2	1086.3	1189.8	1293.3	1424.9	1617.9
92.5°	979.9	957.5	948.5	940.1	960.0	1006.1	1091.2	1192.2	1298.7	1435.6	1621.3
95°	953.0	937.2	935.0	934.7	958.3	1007.4	1088.1	1184.5	1291.8	1428.7	1600.6
97.5°	926.1	916.2	920.3	927.9	955.0	1006.6	1083.4	1174.9	1281.0	1416.2	1576.5
100°	899.0	894.2	903.7	918.9	949.1	1001.9	1075.1	1161.3	1263.3	1393.0	1544.5
102.5°	871.8	870.6	884.6	907.0	940.0	992.8	1063.6	1144.3	1238.2	1359.0	1506.7
105°	844.1	844.9	862.2	891.2	927.0	978.8	1049.0	1124.1	1207.5	1324.3	1468.4
107.5°	815.7	816.5	836.0	871.0	907.8	957.5	1022.8	1096.4	1180.6	1289.9	1422.2
110°	784.4	783.2	803.1	839.4	879.0	926.7	989.0	1062.1	1144.3	1241.6	1373.9



TEST NUMBER: P232054

CATALOG NUMBER: FVS4WM-3-LD4-40-2LO-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
112.5°	746.6	748.9	768.8	803.6	845.6	893.1	949.8	1020.1	1099.9	1191.4	1306.8
115°	707.2	711.7	730.2	763.5	807.0	854.4	908.9	974.8	1050.1	1134.9	1231.1
117.5°	663.9	670.3	687.1	720.0	763.6	811.9	864.9	923.7	993.1	1072.7	1161.6
120°	616.5	625.2	643.8	674.6	715.4	763.0	815.3	871.7	934.4	1004.2	1091.7
122.5°	568.1	577.5	596.2	623.5	662.8	709.3	760.1	814.7	874.8	943.0	1018.4
125°	517.2	524.4	544.8	570.8	607.1	650.3	702.1	758.0	815.5	875.6	943.6
127.5°	461.9	468.7	487.3	513.8	554.5	598.6	646.9	700.1	751.5	806.7	864.9
130°	406.0	420.0	441.4	473.1	508.4	546.6	590.2	636.4	686.7	734.7	785.5
132.5°	381.3	391.2	409.5	433.2	462.5	497.3	533.9	574.0	616.5	660.7	706.5
135°	358.2	367.3	379.1	395.7	419.9	446.7	479.8	513.2	549.6	586.5	626.7
137.5°	336.6	342.5	351.6	363.8	378.7	401.3	425.5	455.3	487.4	516.9	547.6
140°	314.0	319.2	325.6	333.9	345.2	358.4	377.3	398.9	423.4	449.8	476.0
142.5°	292.2	295.5	300.5	306.6	314.2	323.4	334.9	348.0	366.8	386.6	407.6
145°	269.8	272.4	275.6	280.3	285.5	292.1	298.4	308.2	317.0	334.3	358.5
147.5°	248.4	249.2	251.5	254.0	258.3	262.3	267.7	274.6	288.0	303.8	319.5
150°	227.8	227.4	227.3	229.3	231.1	236.2	245.7	255.4	266.8	278.3	290.6
152.5°	207.4	206.8	206.4	209.4	215.0	221.6	229.3	237.1	246.0	255.0	264.7
155°	191.2	193.5	196.5	199.2	202.7	206.5	212.5	218.8	225.3	232.4	240.2
157.5°	176.1	180.5	183.2	186.2	189.4	192.9	196.7	200.7	205.2	210.9	216.5
160°	158.2	162.6	166.7	170.3	173.3	176.4	179.6	182.9	186.4	190.0	193.6
162.5°	139.2	144.5	147.5	150.9	154.0	156.9	159.7	162.5	165.2	168.0	170.7
165°	119.9	123.7	127.3	130.6	133.6	136.1	138.4	140.4	142.2	143.8	145.3
167.5°	100.0	103.7	107.1	109.8	112.3	114.6	116.6	118.4	120.0	121.3	122.4
170°	80.1	83.0	85.7	88.3	90.7	92.8	94.8	96.5	97.7	98.8	99.7
172.5°	59.6	62.0	64.3	66.4	68.4	70.0	71.5	72.9	74.1	75.2	76.1
175°	38.7	40.3	41.9	43.3	44.7	45.9	47.1	48.2	49.1	50.0	50.8
177.5°	20.1	20.7	21.3	21.9	22.4	22.8	23.3	23.7	24.0	24.3	24.6
180°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0



TEST NUMBER: P232054

CATALOG NUMBER: FVS4WM-3-LD4-40-2LO-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
0°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
2.5°	24.8	25.0	25.1	25.2	25.2	25.2	26.0	25.6	25.3	25.0	24.7
5°	51.5	52.0	52.5	52.9	53.1	53.3	53.3	53.2	53.9	53.3	52.6
7.5°	76.9	77.5	78.0	78.3	78.4	78.5	78.3	78.0	77.6	77.7	76.6
10°	100.4	100.9	101.2	101.3	101.3	101.0	100.6	100.0	99.2	99.0	97.4
12.5°	123.2	123.9	124.3	124.5	124.5	124.3	123.9	123.3	122.4	121.3	120.4
15°	147.2	149.0	150.6	152.0	153.2	154.3	155.0	155.6	155.8	155.7	156.1
17.5°	173.3	176.0	178.5	180.9	183.1	185.2	186.9	188.4	189.6	190.4	191.8
20°	197.2	201.1	205.3	209.3	213.1	216.5	219.7	222.4	224.8	226.7	229.3
22.5°	222.0	227.5	233.3	239.2	244.7	249.9	254.6	258.9	262.7	265.9	269.9
25°	247.9	255.5	262.9	270.8	278.4	285.5	292.1	298.2	303.7	308.4	312.4
27.5°	274.8	284.7	294.4	304.7	315.2	325.1	334.3	342.7	350.3	357.0	362.7
30°	303.6	317.2	330.4	343.2	357.7	370.9	382.7	393.2	402.3	410.0	416.3
32.5°	336.6	356.5	375.0	392.1	409.3	425.7	440.0	452.2	462.5	470.7	477.1
35°	381.3	406.2	430.2	451.9	471.4	489.2	504.4	517.0	527.1	534.8	540.3
37.5°	438.1	466.5	493.7	517.8	538.9	560.0	578.3	593.0	604.3	612.3	617.2
40°	502.5	533.1	565.8	596.1	622.3	645.7	666.4	683.1	695.8	704.6	709.6
42.5°	581.7	615.6	651.3	685.9	716.1	742.8	770.0	792.5	810.3	823.2	831.1
45°	666.2	706.5	744.9	786.9	825.8	864.8	892.7	919.7	940.4	954.8	962.9
47.5°	751.8	800.5	849.9	901.2	949.7	991.3	1032.3	1071.2	1103.0	1127.3	1143.7
50°	840.5	897.2	959.7	1022.0	1092.2	1149.1	1200.1	1246.6	1287.8	1322.3	1349.0
52.5°	929.2	997.1	1075.0	1155.7	1235.0	1305.8	1365.8	1423.6	1475.7	1520.9	1557.6
55°	1016.5	1102.1	1189.9	1278.4	1367.0	1454.2	1528.6	1590.0	1645.4	1695.6	1738.9
57.5°	1106.4	1200.0	1296.0	1401.3	1507.4	1584.0	1658.9	1725.5	1785.4	1840.3	1888.7
60°	1188.5	1292.1	1411.2	1517.9	1610.7	1692.7	1767.0	1837.6	1901.2	1958.2	2007.8
62.5°	1265.4	1396.1	1511.1	1614.7	1700.7	1783.6	1860.1	1935.0	1997.6	2056.8	2110.7
65°	1359.0	1482.3	1593.9	1686.5	1774.2	1858.9	1938.2	2010.6	2079.8	2142.8	2196.3
67.5°	1436.5	1558.4	1653.6	1743.9	1834.2	1924.2	2007.3	2086.2	2157.8	2215.6	2264.6
70°	1501.6	1616.9	1712.6	1796.0	1890.3	1981.1	2068.5	2149.6	2221.6	2285.9	2335.6
72.5°	1556.4	1672.7	1764.3	1854.3	1940.3	2028.7	2124.5	2209.2	2292.1	2354.4	2396.4
75°	1605.2	1714.9	1808.1	1897.6	1984.8	2081.1	2171.5	2256.9	2331.7	2404.5	2455.7
77.5°	1647.6	1752.0	1840.0	1928.4	2022.9	2120.4	2209.8	2285.3	2372.9	2450.2	2503.4
80°	1678.2	1776.0	1860.1	1950.2	2047.4	2153.4	2237.1	2322.1	2408.8	2485.8	2528.1
82.5°	1704.0	1796.6	1880.3	1969.1	2065.8	2165.4	2256.7	2346.2	2440.0	2511.1	2549.1
85°	1722.1	1809.6	1891.5	1983.9	2082.6	2178.7	2266.8	2356.9	2449.7	2524.8	2571.6
87.5°	1736.6	1815.0	1893.7	1989.2	2085.5	2181.0	2270.7	2365.7	2457.9	2532.4	2569.2
90°	1733.8	1813.3	1887.8	1984.7	2075.7	2170.1	2261.2	2356.4	2451.6	2521.2	2562.6
92.5°	1736.6	1815.0	1893.7	1989.2	2085.5	2181.0	2270.7	2365.7	2457.9	2532.4	2569.2
95°	1722.1	1809.6	1891.5	1983.9	2082.6	2178.7	2266.8	2356.9	2449.7	2524.8	2571.6
97.5°	1704.0	1796.6	1880.3	1969.1	2065.8	2165.4	2256.7	2346.2	2440.0	2511.1	2549.1
100°	1678.2	1776.0	1860.1	1950.2	2047.4	2153.4	2237.1	2322.1	2408.8	2485.8	2528.1
102.5°	1647.6	1752.0	1840.0	1928.4	2022.9	2120.4	2209.8	2285.3	2372.9	2450.2	2503.4
105°	1605.2	1714.9	1808.1	1897.6	1984.8	2081.1	2171.5	2256.9	2331.7	2404.5	2455.7
107.5°	1556.4	1672.7	1764.3	1854.3	1940.3	2028.7	2124.5	2209.2	2292.1	2354.4	2396.4
110°	1501.6	1616.9	1712.6	1796.0	1890.3	1981.1	2068.5	2149.6	2221.6	2285.9	2335.6



TEST NUMBER: P232054

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**CANDELA DISTRIBUTION (continued):**

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
112.5°	1436.5	1558.4	1653.6	1743.9	1834.2	1924.2	2007.3	2086.2	2157.8	2215.6	2264.6
115°	1359.0	1482.3	1593.9	1686.5	1774.2	1858.9	1938.2	2010.6	2079.8	2142.8	2196.3
117.5°	1265.4	1396.1	1511.1	1614.7	1700.7	1783.6	1860.1	1935.0	1997.6	2056.8	2110.7
120°	1188.5	1292.1	1411.2	1517.9	1610.7	1692.7	1767.0	1837.6	1901.2	1958.2	2007.8
122.5°	1106.4	1200.0	1296.0	1401.3	1507.4	1584.0	1658.9	1725.5	1785.4	1840.3	1888.7
125°	1016.5	1102.1	1189.9	1278.4	1367.0	1454.2	1528.6	1590.0	1645.4	1695.6	1738.9
127.5°	929.2	997.1	1075.0	1155.7	1235.0	1305.8	1365.8	1423.6	1475.7	1520.9	1557.6
130°	840.5	897.2	959.7	1022.0	1092.2	1149.1	1200.1	1246.6	1287.8	1322.3	1349.0
132.5°	751.8	800.5	849.9	901.2	949.7	991.3	1032.3	1071.2	1103.0	1127.3	1143.7
135°	666.2	706.5	744.9	786.9	825.8	864.8	892.7	919.7	940.4	954.8	962.9
137.5°	581.7	615.6	651.3	685.9	716.1	742.8	770.0	792.5	810.3	823.2	831.1
140°	502.5	533.1	565.8	596.1	622.3	645.7	666.4	683.1	695.8	704.6	709.6
142.5°	438.1	466.5	493.7	517.8	538.9	560.0	578.3	593.0	604.3	612.3	617.2
145°	381.3	406.2	430.2	451.9	471.4	489.2	504.4	517.0	527.1	534.8	540.3
147.5°	336.6	356.5	375.0	392.1	409.3	425.7	440.0	452.2	462.5	470.7	477.1
150°	303.6	317.2	330.4	343.2	357.7	370.9	382.7	393.2	402.3	410.0	416.3
152.5°	274.8	284.7	294.4	304.7	315.2	325.1	334.3	342.7	350.3	357.0	362.7
155°	247.9	255.5	262.9	270.8	278.4	285.5	292.1	298.2	303.7	308.4	312.4
157.5°	222.0	227.5	233.3	239.2	244.7	249.9	254.6	258.9	262.7	265.9	269.9
160°	197.2	201.1	205.3	209.3	213.1	216.5	219.7	222.4	224.8	226.7	229.3
162.5°	173.3	176.0	178.5	180.9	183.1	185.2	186.9	188.4	189.6	190.4	191.8
165°	147.2	149.0	150.6	152.0	153.2	154.3	155.0	155.6	155.8	155.7	156.1
167.5°	123.2	123.9	124.3	124.5	124.5	124.3	123.9	123.3	122.4	121.3	120.4
170°	100.4	100.9	101.2	101.3	101.3	101.0	100.6	100.0	99.2	99.0	97.4
172.5°	76.9	77.5	78.0	78.3	78.4	78.5	78.3	78.0	77.6	77.7	76.6
175°	51.5	52.0	52.5	52.9	53.1	53.3	53.3	53.2	53.9	53.3	52.6
177.5°	24.8	25.0	25.1	25.2	25.2	25.2	26.0	25.6	25.3	25.0	24.7
180°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0



TEST NUMBER: P232054

CATALOG NUMBER: FVS4WM-3-LD4-40-2LO-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	357.5°	360°
0°	1.7	1.7
2.5°	24.3	24.0
5°	52.0	51.3
7.5°	75.6	74.5
10°	95.9	94.4
12.5°	118.6	116.7
15°	154.6	153.2
17.5°	191.1	190.4
20°	229.3	229.3
22.5°	270.8	271.6
25°	316.1	317.9
27.5°	368.0	370.9
30°	421.9	424.8
32.5°	482.5	484.4
35°	544.5	544.8
37.5°	620.5	618.5
40°	712.6	708.7
42.5°	836.6	832.1
45°	967.9	961.3
47.5°	1156.1	1150.9
50°	1372.1	1373.6
52.5°	1590.5	1599.6
55°	1779.4	1797.5
57.5°	1934.4	1959.8
60°	2054.1	2082.4
62.5°	2157.8	2196.6
65°	2240.4	2276.1
67.5°	2305.2	2338.2
70°	2373.1	2400.3
72.5°	2427.7	2450.0
75°	2480.6	2493.0
77.5°	2521.7	2531.1
80°	2548.0	2558.4
82.5°	2566.8	2581.6
85°	2578.1	2595.7
87.5°	2590.6	2604.8
90°	2576.7	2598.2
92.5°	2590.6	2604.8
95°	2578.1	2595.7
97.5°	2566.8	2581.6
100°	2548.0	2558.4
102.5°	2521.7	2531.1
105°	2480.6	2493.0
107.5°	2427.7	2450.0
110°	2373.1	2400.3





TEST NUMBER: P232054

CATALOG NUMBER: FVS4WM-3-LD4-40-2LO-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	357.5°	360°
112.5°	2305.2	2338.2
115°	2240.4	2276.1
117.5°	2157.8	2196.6
120°	2054.1	2082.4
122.5°	1934.4	1959.8
125°	1779.4	1797.5
127.5°	1590.5	1599.6
130°	1372.1	1373.6
132.5°	1156.1	1150.9
135°	967.9	961.3
137.5°	836.6	832.1
140°	712.6	708.7
142.5°	620.5	618.5
145°	544.5	544.8
147.5°	482.5	484.4
150°	421.9	424.8
152.5°	368.0	370.9
155°	316.1	317.9
157.5°	270.8	271.6
160°	229.3	229.3
162.5°	191.1	190.4
165°	154.6	153.2
167.5°	118.6	116.7
170°	95.9	94.4
172.5°	75.6	74.5
175°	52.0	51.3
177.5°	24.3	24.0
180°	1.0	1.0

(END OF REPORT)