

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: P231981

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

Issue Date: 3/3/2020



**Test Information**

Test Method: LM-79-08  
Report Number: P231981  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1706-121-18)  
Test Lab: INNOVATION CENTER(G3)  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: FAIL-SAFE  
Catalog Number: FVS4WM-4-LD4-35-2LO-P125-UNV-EDC1  
Description: FAILSAFE FVS LED FIXTURE  
4FT LENGTH, 2-MODULE LED WITH P125 LENS  
Light Source: (168) 3500K CCT, 80 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

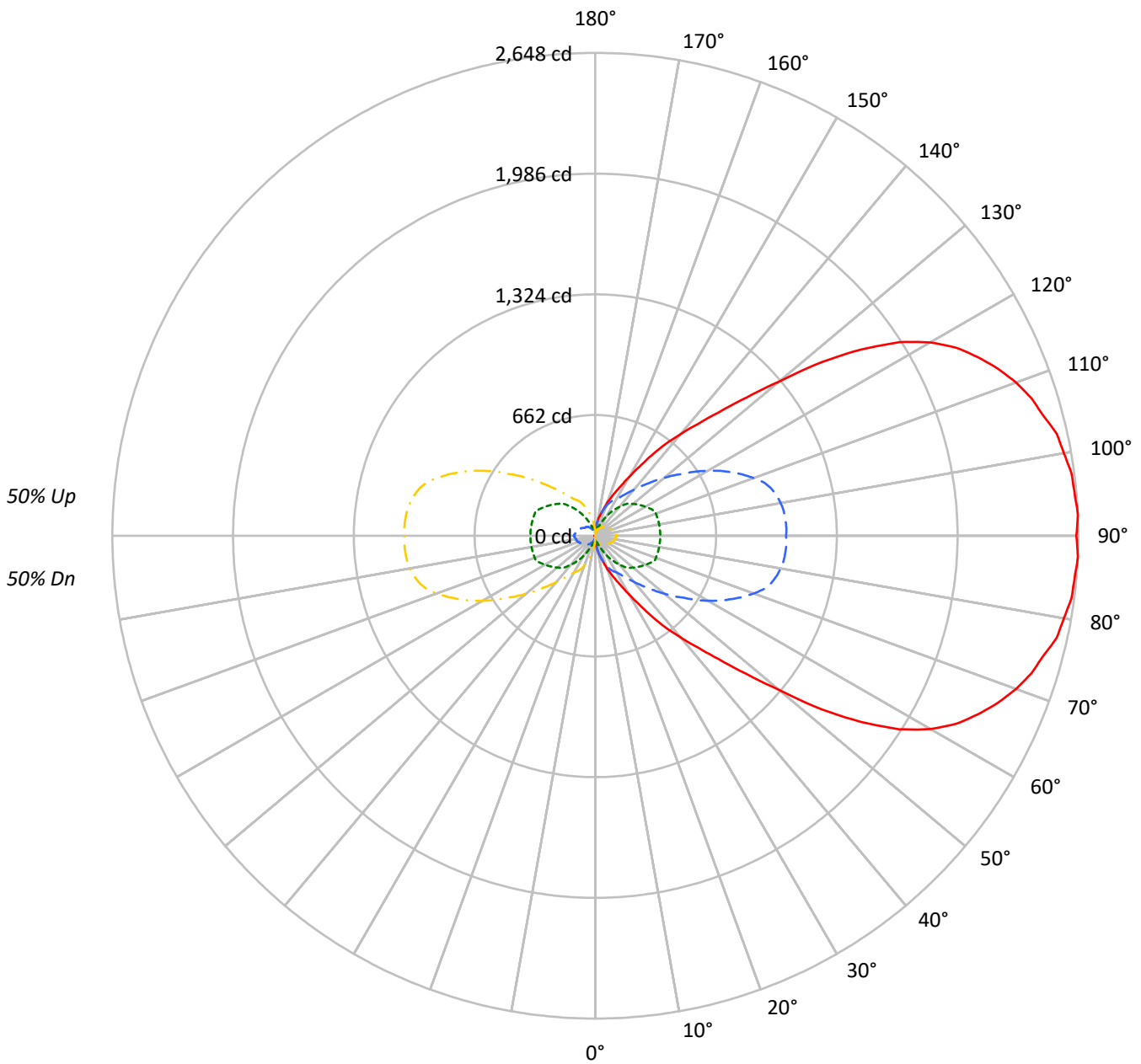
Lumens per Lamp: N/A  
Luminaire Lumens: 6127.2 lumens  
Efficiency: N/A  
Efficacy: 106.7 lumens/watt  
Spacing Criteria (0/90/45): 21.46 / 13.77 / 14.64  
Luminous Opening: Rectangular w/ Sides (W: 3.79' x L: 0.19' x H: 0.31')  
CIE Type: General Diffuse

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

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### Luminous Intensity Polar Plot



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



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

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

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

	0°	90°	180°	270°
0°	32	32	32	32
5°	723	238	28	238
10°	1118	447	17	447
15°	1426	663	23	663
20°	1952	890	21	890
25°	2494	1355	20	1355
30°	3335	2089	19	2089
35°	4586	2906	18	2906
40°	6000	3832	17	3832
45°	7670	4912	22	4912
50°	10369	5825	22	5825
55°	13907	6965	22	6965
60°	16526	8432	22	8432
65°	18132	10397	22	10397
70°	19480	12759	22	12759
75°	20603	15851	28	15851
80°	21756	21093	0	21093
85°	22853	31827	0	31827



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	3.2	0.1
10°-20°	20.5	0.3
20°-30°	56.6	0.9
30°-40°	125.1	2.0
40°-50°	242.2	4.0
50°-60°	425.9	7.0
60°-70°	618.5	10.1
70°-80°	753.1	12.3
80°-90°	818.6	13.4
90°-100°	818.6	13.4
100°-110°	753.1	12.3
110°-120°	618.5	10.1
120°-130°	425.9	7.0
130°-140°	242.2	4.0
140°-150°	125.1	2.0
150°-160°	56.6	0.9
160°-170°	20.5	0.3
170°-180°	3.2	0.1
0°-30°	80.3	1.3
0°-40°	205.3	3.4
0°-60°	873.4	14.3
0°-90°	3063.6	50.0
90°-120°	2190.2	35.7
90°-150°	2983.3	48.7
90°-180°	3064.0	50.0
0°-180°	6127.2	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	2	2	2	2	2	
5°	54	16	2	16	54	6
15°	132	43	2	43	132	40
25°	265	84	2	84	265	129
35°	538	166	2	166	538	345
45°	955	248	3	248	955	767
55°	1781	295	3	295	1781	1586
65°	2315	342	3	342	2315	2292
75°	2543	354	4	354	2543	2691
85°	2638	356	0	356	2638	2151
90°	2637	357	0	357	2637	1449
95°	2638	356	0	356	2638	2151
105°	2543	354	4	354	2543	2691
115°	2315	342	3	342	2315	2292
125°	1781	295	3	295	1781	1586
135°	955	248	3	248	955	767
145°	538	166	2	166	538	345
155°	265	84	2	84	265	129
165°	132	43	2	43	132	40
175°	54	16	2	16	54	6
180°	2	2	2	2	2	



TEST NUMBER: P231981

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

**CANDELA DISTRIBUTION (FULL):**

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
0°	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1
2.5°	26.9	27.2	27.4	27.7	28.0	28.3	28.5	27.7	27.6	27.4	27.3
5°	54.5	55.0	55.5	56.0	56.5	55.7	55.6	55.4	55.1	54.8	54.3
7.5°	73.6	74.4	75.3	76.1	76.1	76.4	76.6	76.7	76.6	76.5	76.2
10°	94.1	95.4	96.6	97.9	97.8	98.3	98.7	98.8	98.7	98.5	98.1
12.5°	110.4	112.3	114.1	115.2	116.5	117.5	118.3	119.0	119.3	119.5	119.4
15°	131.6	133.9	136.2	137.3	138.7	139.9	140.7	141.3	141.6	141.6	141.3
17.5°	159.2	161.4	163.5	164.0	165.0	165.6	166.0	166.1	165.9	165.5	164.9
20°	194.6	196.0	197.3	196.4	196.1	195.5	194.5	193.3	191.9	190.3	188.6
22.5°	228.5	229.0	229.5	227.6	226.3	224.6	222.6	220.4	217.9	215.2	212.4
25°	265.3	265.0	263.4	261.4	258.9	255.8	252.3	248.3	244.0	239.3	234.4
27.5°	312.7	311.6	308.5	304.9	300.5	295.2	289.1	282.3	274.9	266.9	259.7
30°	374.3	371.8	366.3	360.2	353.0	344.6	335.3	325.2	314.3	302.8	292.8
32.5°	445.7	442.2	434.9	426.7	416.8	405.2	392.0	377.3	361.3	345.6	331.5
35°	537.7	533.2	523.3	512.1	498.3	482.2	463.7	443.1	420.5	400.1	379.5
37.5°	635.4	630.4	618.9	605.8	589.7	570.6	548.5	523.7	496.6	469.4	440.3
40°	728.1	725.2	715.2	703.0	686.7	666.2	641.3	612.0	580.4	547.6	512.3
42.5°	830.6	830.8	822.2	810.9	794.5	772.8	745.5	712.5	677.0	637.1	592.2
45°	955.2	957.9	949.2	937.4	919.2	894.8	863.8	831.7	787.2	741.0	690.8
47.5°	1121.4	1124.7	1112.2	1095.7	1071.3	1039.3	999.7	956.3	910.5	857.7	803.6
50°	1314.6	1317.2	1300.0	1278.2	1247.2	1207.5	1159.4	1107.4	1049.6	980.7	917.8
52.5°	1564.4	1558.5	1526.2	1490.0	1444.6	1391.8	1333.0	1271.6	1195.2	1112.5	1033.7
55°	1780.9	1765.0	1724.7	1681.4	1630.7	1574.4	1511.9	1433.8	1339.8	1244.8	1150.0
57.5°	1975.4	1948.4	1897.8	1845.0	1785.8	1722.5	1653.9	1571.4	1485.8	1373.6	1265.0
60°	2121.2	2089.0	2036.1	1979.8	1916.0	1846.0	1769.6	1687.6	1595.8	1492.2	1378.9
62.5°	2232.3	2191.4	2142.0	2085.1	2021.7	1953.5	1872.5	1788.3	1695.4	1596.3	1480.2
65°	2315.1	2278.3	2232.2	2176.0	2108.9	2034.4	1957.5	1874.4	1780.4	1680.2	1570.5
67.5°	2390.8	2355.5	2311.4	2257.9	2194.9	2117.2	2030.8	1941.6	1849.8	1749.3	1644.0
70°	2455.1	2428.2	2389.9	2337.6	2265.4	2184.7	2099.6	2003.4	1904.2	1809.5	1714.2
72.5°	2506.8	2487.2	2457.1	2414.4	2339.3	2244.4	2151.4	2055.9	1960.6	1867.0	1772.2
75°	2542.9	2532.9	2512.1	2461.2	2377.4	2290.1	2194.5	2104.8	2014.1	1916.2	1817.9
77.5°	2590.3	2576.4	2555.6	2498.4	2413.5	2312.1	2235.6	2147.8	2053.9	1955.9	1854.0
80°	2608.0	2597.1	2575.9	2533.7	2449.5	2355.3	2267.2	2182.9	2083.4	1983.9	1880.8
82.5°	2632.7	2618.7	2591.4	2550.7	2483.8	2382.3	2290.7	2199.1	2102.9	2006.3	1906.2
85°	2637.7	2625.9	2601.9	2564.1	2492.2	2394.3	2303.3	2218.1	2117.7	2021.7	1922.6
87.5°	2648.3	2619.5	2606.2	2577.6	2504.9	2407.3	2310.7	2228.6	2120.4	2026.2	1929.2
90°	2637.0	2617.2	2598.1	2580.4	2503.3	2400.7	2305.1	2225.9	2111.3	2020.0	1925.9
92.5°	2648.3	2619.5	2606.2	2577.6	2504.9	2407.3	2310.7	2228.6	2120.4	2026.2	1929.2
95°	2637.7	2625.9	2601.9	2564.1	2492.2	2394.3	2303.3	2218.1	2117.7	2021.7	1922.6
97.5°	2632.7	2618.7	2591.4	2550.7	2483.8	2382.3	2290.7	2199.1	2102.9	2006.3	1906.2
100°	2608.0	2597.1	2575.9	2533.7	2449.5	2355.3	2267.2	2182.9	2083.4	1983.9	1880.8
102.5°	2590.3	2576.4	2555.6	2498.4	2413.5	2312.1	2235.6	2147.8	2053.9	1955.9	1854.0
105°	2542.9	2532.9	2512.1	2461.2	2377.4	2290.1	2194.5	2104.8	2014.1	1916.2	1817.9
107.5°	2506.8	2487.2	2457.1	2414.4	2339.3	2244.4	2151.4	2055.9	1960.6	1867.0	1772.2
110°	2455.1	2428.2	2389.9	2337.6	2265.4	2184.7	2099.6	2003.4	1904.2	1809.5	1714.2



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**CANDELA DISTRIBUTION (continued):**

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
112.5°	2390.8	2355.5	2311.4	2257.9	2194.9	2117.2	2030.8	1941.6	1849.8	1749.3	1644.0
115°	2315.1	2278.3	2232.2	2176.0	2108.9	2034.4	1957.5	1874.4	1780.4	1680.2	1570.5
117.5°	2232.3	2191.4	2142.0	2085.1	2021.7	1953.5	1872.5	1788.3	1695.4	1596.3	1480.2
120°	2121.2	2089.0	2036.1	1979.8	1916.0	1846.0	1769.6	1687.6	1595.8	1492.2	1378.9
122.5°	1975.4	1948.4	1897.8	1845.0	1785.8	1722.5	1653.9	1571.4	1485.8	1373.6	1265.0
125°	1780.9	1765.0	1724.7	1681.4	1630.7	1574.4	1511.9	1433.8	1339.8	1244.8	1150.0
127.5°	1564.4	1558.5	1526.2	1490.0	1444.6	1391.8	1333.0	1271.6	1195.2	1112.5	1033.7
130°	1314.6	1317.2	1300.0	1278.2	1247.2	1207.5	1159.4	1107.4	1049.6	980.7	917.8
132.5°	1121.4	1124.7	1112.2	1095.7	1071.3	1039.3	999.7	956.3	910.5	857.7	803.6
135°	955.2	957.9	949.2	937.4	919.2	894.8	863.8	831.7	787.2	741.0	690.8
137.5°	830.6	830.8	822.2	810.9	794.5	772.8	745.5	712.5	677.0	637.1	592.2
140°	728.1	725.2	715.2	703.0	686.7	666.2	641.3	612.0	580.4	547.6	512.3
142.5°	635.4	630.4	618.9	605.8	589.7	570.6	548.5	523.7	496.6	469.4	440.3
145°	537.7	533.2	523.3	512.1	498.3	482.2	463.7	443.1	420.5	400.1	379.5
147.5°	445.7	442.2	434.9	426.7	416.8	405.2	392.0	377.3	361.3	345.6	331.5
150°	374.3	371.8	366.3	360.2	353.0	344.6	335.3	325.2	314.3	302.8	292.8
152.5°	312.7	311.6	308.5	304.9	300.5	295.2	289.1	282.3	274.9	266.9	259.7
155°	265.3	265.0	263.4	261.4	258.9	255.8	252.3	248.3	244.0	239.3	234.4
157.5°	228.5	229.0	229.5	227.6	226.3	224.6	222.6	220.4	217.9	215.2	212.4
160°	194.6	196.0	197.3	196.4	196.1	195.5	194.5	193.3	191.9	190.3	188.6
162.5°	159.2	161.4	163.5	164.0	165.0	165.6	166.0	166.1	165.9	165.5	164.9
165°	131.6	133.9	136.2	137.3	138.7	139.9	140.7	141.3	141.6	141.6	141.3
167.5°	110.4	112.3	114.1	115.2	116.5	117.5	118.3	119.0	119.3	119.5	119.4
170°	94.1	95.4	96.6	97.9	97.8	98.3	98.7	98.8	98.7	98.5	98.1
172.5°	73.6	74.4	75.3	76.1	76.1	76.4	76.6	76.7	76.6	76.5	76.2
175°	54.5	55.0	55.5	56.0	56.5	55.7	55.6	55.4	55.1	54.8	54.3
177.5°	26.9	27.2	27.4	27.7	28.0	28.3	28.5	27.7	27.6	27.4	27.3
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°	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1
2.5°	27.0	26.8	26.4	26.1	25.7	25.2	24.7	24.2	23.6	23.0	22.4
5°	53.7	53.0	52.2	51.3	50.3	49.3	48.1	46.9	45.6	44.2	42.7
7.5°	75.7	75.2	74.5	73.7	72.7	71.6	70.4	69.1	67.7	65.7	63.5
10°	97.5	96.7	95.7	94.5	93.1	91.6	89.9	88.1	86.2	84.1	81.9
12.5°	119.1	118.5	117.6	116.5	115.1	113.2	111.0	108.6	105.9	103.1	100.0
15°	140.8	140.0	138.9	137.6	136.1	134.2	132.1	129.5	126.7	123.3	119.5
17.5°	164.1	163.1	161.9	160.3	158.3	156.1	153.6	150.7	147.3	143.6	139.4
20°	186.8	185.2	183.6	181.9	180.1	178.1	175.5	172.2	168.6	164.6	159.9
22.5°	209.5	206.8	204.2	201.6	199.2	196.9	194.5	192.1	189.8	185.1	180.3
25°	230.4	226.6	222.8	219.1	215.9	213.1	210.7	208.5	205.9	203.2	201.2
27.5°	253.5	247.1	240.7	235.0	230.8	226.9	223.8	221.1	219.3	217.5	214.9
30°	282.5	271.7	261.5	253.6	246.2	239.0	234.9	231.4	231.2	233.2	235.1
32.5°	317.1	302.4	289.3	276.7	263.9	254.7	251.2	249.2	250.2	251.0	252.8
35°	357.7	336.6	320.0	303.4	291.5	284.1	275.9	273.0	269.8	269.6	270.4
37.5°	409.6	383.0	357.1	341.4	329.9	318.6	308.9	299.4	293.2	289.5	288.4
40°	475.7	442.4	416.6	395.2	375.0	357.5	343.9	330.8	320.0	311.9	307.7
42.5°	551.9	520.1	488.2	458.5	430.4	405.2	381.8	365.8	350.0	337.9	329.3
45°	647.1	602.0	563.6	526.7	492.0	457.6	429.5	402.5	383.9	366.3	353.0
47.5°	749.0	694.2	644.1	596.2	556.1	517.1	479.6	448.2	419.2	398.0	380.0
50°	854.0	791.6	728.3	672.3	621.1	576.0	534.4	494.2	461.1	431.8	407.9
52.5°	956.9	887.2	818.2	749.5	688.1	634.2	587.5	544.4	504.3	468.7	450.8
55°	1061.6	977.7	902.7	829.7	756.5	693.1	637.4	593.9	558.9	529.6	509.4
57.5°	1163.1	1067.1	980.6	902.7	827.4	752.3	699.1	655.3	619.4	587.6	565.8
60°	1260.0	1152.6	1054.0	967.6	897.8	828.7	762.7	713.2	675.8	643.9	619.3
62.5°	1357.5	1231.5	1128.3	1043.8	967.7	897.5	827.8	770.8	727.8	695.0	669.3
65°	1443.9	1323.0	1207.2	1115.7	1034.6	959.6	889.0	822.4	776.8	743.4	718.4
67.5°	1532.7	1408.4	1287.4	1180.6	1095.3	1016.0	943.9	876.0	824.5	788.5	763.3
70°	1604.7	1481.1	1361.1	1237.6	1148.9	1069.1	993.8	924.8	867.1	829.9	804.4
72.5°	1668.8	1541.9	1414.4	1293.9	1191.9	1115.7	1038.4	970.5	906.2	869.1	843.9
75°	1714.9	1596.4	1459.6	1338.5	1224.6	1154.8	1074.4	999.4	938.3	901.2	879.1
77.5°	1753.4	1640.8	1497.6	1373.8	1259.8	1172.9	1093.2	1018.6	961.1	927.9	911.5
80°	1780.6	1672.1	1538.2	1402.9	1286.0	1188.8	1107.4	1032.4	977.6	950.1	941.5
82.5°	1804.3	1698.1	1569.2	1425.1	1304.3	1202.3	1117.0	1041.4	988.9	968.9	969.7
85°	1819.0	1716.0	1590.1	1439.9	1315.1	1212.6	1122.3	1046.2	996.4	985.4	996.5
87.5°	1824.7	1730.1	1605.8	1451.0	1321.9	1221.7	1125.2	1048.6	1001.5	1000.3	1022.5
90°	1821.9	1725.7	1600.4	1446.2	1316.7	1221.2	1120.7	1046.4	1005.4	1016.0	1048.6
92.5°	1824.7	1730.1	1605.8	1451.0	1321.9	1221.7	1125.2	1048.6	1001.5	1000.3	1022.5
95°	1819.0	1716.0	1590.1	1439.9	1315.1	1212.6	1122.3	1046.2	996.4	985.4	996.5
97.5°	1804.3	1698.1	1569.2	1425.1	1304.3	1202.3	1117.0	1041.4	988.9	968.9	969.7
100°	1780.6	1672.1	1538.2	1402.9	1286.0	1188.8	1107.4	1032.4	977.6	950.1	941.5
102.5°	1753.4	1640.8	1497.6	1373.8	1259.8	1172.9	1093.2	1018.6	961.1	927.9	911.5
105°	1714.9	1596.4	1459.6	1338.5	1224.6	1154.8	1074.4	999.4	938.3	901.2	879.1
107.5°	1668.8	1541.9	1414.4	1293.9	1191.9	1115.7	1038.4	970.5	906.2	869.1	843.9
110°	1604.7	1481.1	1361.1	1237.6	1148.9	1069.1	993.8	924.8	867.1	829.9	804.4





TEST NUMBER: P231981

CATALOG NUMBER: FVS4WM-4-LD4-35-2LO-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°	1532.7	1408.4	1287.4	1180.6	1095.3	1016.0	943.9	876.0	824.5	788.5	763.3
115°	1443.9	1323.0	1207.2	1115.7	1034.6	959.6	889.0	822.4	776.8	743.4	718.4
117.5°	1357.5	1231.5	1128.3	1043.8	967.7	897.5	827.8	770.8	727.8	695.0	669.3
120°	1260.0	1152.6	1054.0	967.6	897.8	828.7	762.7	713.2	675.8	643.9	619.3
122.5°	1163.1	1067.1	980.6	902.7	827.4	752.3	699.1	655.3	619.4	587.6	565.8
125°	1061.6	977.7	902.7	829.7	756.5	693.1	637.4	593.9	558.9	529.6	509.4
127.5°	956.9	887.2	818.2	749.5	688.1	634.2	587.5	544.4	504.3	468.7	450.8
130°	854.0	791.6	728.3	672.3	621.1	576.0	534.4	494.2	461.1	431.8	407.9
132.5°	749.0	694.2	644.1	596.2	556.1	517.1	479.6	448.2	419.2	398.0	380.0
135°	647.1	602.0	563.6	526.7	492.0	457.6	429.5	402.5	383.9	366.3	353.0
137.5°	551.9	520.1	488.2	458.5	430.4	405.2	381.8	365.8	350.0	337.9	329.3
140°	475.7	442.4	416.6	395.2	375.0	357.5	343.9	330.8	320.0	311.9	307.7
142.5°	409.6	383.0	357.1	341.4	329.9	318.6	308.9	299.4	293.2	289.5	288.4
145°	357.7	336.6	320.0	303.4	291.5	284.1	275.9	273.0	269.8	269.6	270.4
147.5°	317.1	302.4	289.3	276.7	263.9	254.7	251.2	249.2	250.2	251.0	252.8
150°	282.5	271.7	261.5	253.6	246.2	239.0	234.9	231.4	231.2	233.2	235.1
152.5°	253.5	247.1	240.7	235.0	230.8	226.9	223.8	221.1	219.3	217.5	214.9
155°	230.4	226.6	222.8	219.1	215.9	213.1	210.7	208.5	205.9	203.2	201.2
157.5°	209.5	206.8	204.2	201.6	199.2	196.9	194.5	192.1	189.8	185.1	180.3
160°	186.8	185.2	183.6	181.9	180.1	178.1	175.5	172.2	168.6	164.6	159.9
162.5°	164.1	163.1	161.9	160.3	158.3	156.1	153.6	150.7	147.3	143.6	139.4
165°	140.8	140.0	138.9	137.6	136.1	134.2	132.1	129.5	126.7	123.3	119.5
167.5°	119.1	118.5	117.6	116.5	115.1	113.2	111.0	108.6	105.9	103.1	100.0
170°	97.5	96.7	95.7	94.5	93.1	91.6	89.9	88.1	86.2	84.1	81.9
172.5°	75.7	75.2	74.5	73.7	72.7	71.6	70.4	69.1	67.7	65.7	63.5
175°	53.7	53.0	52.2	51.3	50.3	49.3	48.1	46.9	45.6	44.2	42.7
177.5°	27.0	26.8	26.4	26.1	25.7	25.2	24.7	24.2	23.6	23.0	22.4
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: P231981

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

**CANDELA DISTRIBUTION (continued):**

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1
2.5°	21.7	20.9	20.2	19.4	18.6	17.7	16.8	15.9	15.0	14.0	13.1
5°	41.1	39.5	37.8	36.2	34.6	32.9	31.2	29.4	27.6	25.7	23.8
7.5°	61.2	58.8	56.3	53.6	50.9	48.1	45.3	42.6	39.9	37.2	34.4
10°	79.5	76.9	74.4	70.8	67.2	63.6	59.8	55.9	52.0	48.3	44.7
12.5°	96.9	93.6	90.2	86.6	82.8	78.6	73.9	69.2	64.4	59.5	54.8
15°	115.5	111.2	107.3	102.2	97.6	92.7	87.6	82.1	76.5	70.7	64.8
17.5°	135.5	129.8	124.4	118.7	112.8	107.0	100.9	94.7	88.2	81.7	75.0
20°	154.6	148.8	142.6	136.0	129.0	121.7	114.6	107.3	99.7	92.3	84.9
22.5°	175.1	168.6	161.4	153.7	145.7	137.3	128.6	120.2	111.4	102.7	94.6
25°	194.5	188.3	181.1	172.2	164.8	157.3	149.5	141.4	133.4	125.0	116.9
27.5°	214.5	211.3	206.2	200.5	192.8	184.7	176.3	167.6	158.9	150.0	141.0
30°	235.4	234.9	232.0	226.3	219.8	211.4	202.7	193.5	184.5	174.7	165.2
32.5°	254.8	255.3	254.6	251.1	244.9	237.3	228.3	218.8	208.8	198.9	189.0
35°	272.1	274.2	274.5	273.8	268.8	262.0	253.2	244.3	233.3	222.8	212.6
37.5°	289.3	291.2	293.4	293.3	292.8	285.2	277.3	267.8	257.4	246.3	235.9
40°	306.7	307.8	310.2	312.2	311.7	307.8	300.4	291.2	281.1	269.7	258.8
42.5°	324.6	324.8	326.5	329.4	330.4	329.9	322.4	313.9	304.3	292.8	281.5
45°	345.4	341.1	343.0	345.6	348.6	348.4	343.9	336.1	326.6	315.6	303.9
47.5°	365.6	360.4	359.0	361.5	365.2	369.1	371.0	364.9	355.4	342.7	327.6
50°	391.2	382.1	389.5	402.3	411.7	416.1	414.3	404.1	390.1	373.0	352.8
52.5°	440.8	439.9	448.7	459.2	466.8	466.6	459.3	445.5	426.8	404.7	379.3
55°	498.7	498.0	505.3	517.9	524.8	519.8	507.5	489.0	465.1	437.5	406.8
57.5°	554.1	552.5	559.3	576.0	583.0	576.5	558.5	534.2	504.9	471.5	435.2
60°	604.7	604.6	614.0	631.3	642.6	636.3	612.2	581.1	545.7	506.5	464.3
62.5°	655.3	655.3	666.1	684.8	703.3	698.9	667.8	629.4	587.7	542.5	494.2
65°	703.6	702.5	715.7	736.7	764.9	759.9	724.9	679.4	630.8	579.2	524.6
67.5°	748.6	746.4	763.1	788.0	819.5	819.8	783.8	730.8	674.6	616.6	555.4
70°	791.1	790.4	810.0	836.6	863.0	859.8	817.0	753.7	689.3	626.4	562.0
72.5°	830.4	827.0	840.5	860.1	875.3	867.5	823.7	758.5	691.9	629.0	564.5
75°	865.6	860.3	869.7	886.5	892.0	876.8	829.7	762.7	693.7	630.8	566.4
77.5°	899.8	893.6	899.3	915.1	912.3	887.2	835.1	766.1	694.6	631.8	567.6
80°	933.2	926.8	929.4	945.7	935.3	898.3	839.5	768.7	694.8	632.2	568.2
82.5°	965.8	960.0	960.0	977.5	960.2	909.7	843.1	770.5	694.2	631.8	570.3
85°	998.0	993.2	991.1	1010.1	986.0	923.5	848.1	773.4	694.2	632.0	568.7
87.5°	1029.8	1026.3	1022.5	1043.3	1012.6	931.9	847.8	771.6	691.0	629.5	567.0
90°	1061.3	1059.2	1054.9	1075.5	1036.5	940.3	847.6	769.8	687.7	626.9	565.3
92.5°	1029.8	1026.3	1022.5	1043.3	1012.6	931.9	847.8	771.6	691.0	629.5	567.0
95°	998.0	993.2	991.1	1010.1	986.0	923.5	848.1	773.4	694.2	632.0	568.7
97.5°	965.8	960.0	960.0	977.5	960.2	909.7	843.1	770.5	694.2	631.8	570.3
100°	933.2	926.8	929.4	945.7	935.3	898.3	839.5	768.7	694.8	632.2	568.2
102.5°	899.8	893.6	899.3	915.1	912.3	887.2	835.1	766.1	694.6	631.8	567.6
105°	865.6	860.3	869.7	886.5	892.0	876.8	829.7	762.7	693.7	630.8	566.4
107.5°	830.4	827.0	840.5	860.1	875.3	867.5	823.7	758.5	691.9	629.0	564.5
110°	791.1	790.4	810.0	836.6	863.0	859.8	817.0	753.7	689.3	626.4	562.0



TEST NUMBER: P231981

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

**CANDELA DISTRIBUTION (continued):**

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
112.5°	748.6	746.4	763.1	788.0	819.5	819.8	783.8	730.8	674.6	616.6	555.4
115°	703.6	702.5	715.7	736.7	764.9	759.9	724.9	679.4	630.8	579.2	524.6
117.5°	655.3	655.3	666.1	684.8	703.3	698.9	667.8	629.4	587.7	542.5	494.2
120°	604.7	604.6	614.0	631.3	642.6	636.3	612.2	581.1	545.7	506.5	464.3
122.5°	554.1	552.5	559.3	576.0	583.0	576.5	558.5	534.2	504.9	471.5	435.2
125°	498.7	498.0	505.3	517.9	524.8	519.8	507.5	489.0	465.1	437.5	406.8
127.5°	440.8	439.9	448.7	459.2	466.8	466.6	459.3	445.5	426.8	404.7	379.3
130°	391.2	382.1	389.5	402.3	411.7	416.1	414.3	404.1	390.1	373.0	352.8
132.5°	365.6	360.4	359.0	361.5	365.2	369.1	371.0	364.9	355.4	342.7	327.6
135°	345.4	341.1	343.0	345.6	348.6	348.4	343.9	336.1	326.6	315.6	303.9
137.5°	324.6	324.8	326.5	329.4	330.4	329.9	322.4	313.9	304.3	292.8	281.5
140°	306.7	307.8	310.2	312.2	311.7	307.8	300.4	291.2	281.1	269.7	258.8
142.5°	289.3	291.2	293.4	293.3	292.8	285.2	277.3	267.8	257.4	246.3	235.9
145°	272.1	274.2	274.5	273.8	268.8	262.0	253.2	244.3	233.3	222.8	212.6
147.5°	254.8	255.3	254.6	251.1	244.9	237.3	228.3	218.8	208.8	198.9	189.0
150°	235.4	234.9	232.0	226.3	219.8	211.4	202.7	193.5	184.5	174.7	165.2
152.5°	214.5	211.3	206.2	200.5	192.8	184.7	176.3	167.6	158.9	150.0	141.0
155°	194.5	188.3	181.1	172.2	164.8	157.3	149.5	141.4	133.4	125.0	116.9
157.5°	175.1	168.6	161.4	153.7	145.7	137.3	128.6	120.2	111.4	102.7	94.6
160°	154.6	148.8	142.6	136.0	129.0	121.7	114.6	107.3	99.7	92.3	84.9
162.5°	135.5	129.8	124.4	118.7	112.8	107.0	100.9	94.7	88.2	81.7	75.0
165°	115.5	111.2	107.3	102.2	97.6	92.7	87.6	82.1	76.5	70.7	64.8
167.5°	96.9	93.6	90.2	86.6	82.8	78.6	73.9	69.2	64.4	59.5	54.8
170°	79.5	76.9	74.4	70.8	67.2	63.6	59.8	55.9	52.0	48.3	44.7
172.5°	61.2	58.8	56.3	53.6	50.9	48.1	45.3	42.6	39.9	37.2	34.4
175°	41.1	39.5	37.8	36.2	34.6	32.9	31.2	29.4	27.6	25.7	23.8
177.5°	21.7	20.9	20.2	19.4	18.6	17.7	16.8	15.9	15.0	14.0	13.1
180°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0



TEST NUMBER: P231981

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

**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
0°	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1
2.5°	12.1	11.0	10.0	8.9	8.9	8.8	8.7	8.6	8.5	8.4	8.3
5°	21.9	19.9	17.8	15.8	15.6	15.4	15.2	15.0	14.8	14.5	14.2
7.5°	31.5	28.6	25.6	22.6	22.3	22.0	21.6	21.2	20.8	20.3	19.8
10°	41.0	37.2	33.4	29.5	29.0	28.5	27.9	27.3	26.6	26.0	25.7
12.5°	50.3	45.7	41.1	36.3	35.6	34.9	34.1	33.2	32.5	32.1	31.6
15°	59.5	54.1	48.7	43.2	42.2	41.2	40.1	39.0	38.5	38.0	37.4
17.5°	68.5	62.4	56.3	50.0	48.8	47.4	46.0	45.2	44.5	43.8	43.1
20°	77.4	70.6	63.8	56.9	55.3	53.6	51.9	51.2	50.4	49.6	48.6
22.5°	86.4	78.6	71.2	63.7	61.7	59.7	58.1	57.2	56.3	55.2	54.1
25°	108.7	100.4	92.5	84.2	81.4	78.4	75.8	73.6	71.1	68.5	65.7
27.5°	132.0	122.7	113.9	104.7	101.2	97.3	94.1	91.0	87.7	84.3	80.7
30°	155.2	145.0	135.3	125.2	120.8	116.0	112.1	108.0	103.8	99.5	95.0
32.5°	178.4	167.4	156.7	145.7	140.4	134.7	129.7	124.6	119.5	114.1	108.6
35°	201.6	189.7	178.1	166.3	159.8	153.3	147.1	140.9	134.7	128.1	121.5
37.5°	224.7	212.1	199.5	186.8	179.3	171.6	164.1	156.8	149.7	141.6	134.0
40°	247.7	234.3	220.9	207.3	198.6	189.8	180.9	172.4	163.7	154.6	146.0
42.5°	270.5	256.6	242.3	227.8	217.9	207.7	197.7	187.7	177.6	167.5	157.5
45°	293.0	278.7	263.6	248.3	237.1	225.5	213.8	202.7	191.1	179.5	168.6
47.5°	313.2	296.0	277.8	259.9	246.5	233.1	220.3	208.8	197.2	186.3	175.5
50°	333.9	313.3	292.0	271.6	255.6	240.1	225.7	212.8	200.7	189.9	178.3
52.5°	355.3	330.9	306.3	283.2	264.6	246.9	230.9	217.0	204.4	193.7	181.7
55°	377.4	348.8	320.7	294.9	273.5	253.5	236.0	221.2	208.3	197.7	185.6
57.5°	400.0	366.9	335.2	306.5	282.3	260.0	241.0	225.5	212.6	201.9	189.9
60°	423.1	385.1	349.7	318.2	291.1	266.4	246.0	229.8	217.0	206.3	195.1
62.5°	446.7	403.6	364.2	329.8	299.8	272.7	250.9	234.3	221.7	211.0	200.1
65°	470.5	422.1	378.8	341.5	308.4	278.9	255.8	238.8	226.5	216.0	206.0
67.5°	494.7	440.8	393.5	353.1	317.0	285.1	260.7	243.4	231.4	221.4	212.3
70°	499.4	444.8	395.9	353.5	315.5	283.4	259.1	242.0	230.8	221.7	214.0
72.5°	502.1	448.1	398.2	353.9	314.0	281.6	257.2	239.9	228.8	220.1	213.0
75°	504.4	451.3	402.1	354.3	312.5	279.9	255.4	237.8	226.9	218.8	212.2
77.5°	506.3	454.3	403.8	354.7	311.1	278.3	253.7	235.9	225.2	217.6	211.5
80°	507.7	458.7	405.6	355.0	309.7	276.9	252.2	234.0	223.5	216.6	211.0
82.5°	510.1	460.6	407.3	355.4	308.4	275.6	250.9	232.3	222.0	215.7	210.7
85°	510.1	462.5	409.0	355.8	307.1	274.4	249.6	230.6	220.5	215.0	210.4
87.5°	510.1	464.4	410.8	356.2	306.0	273.3	248.5	229.1	219.2	214.3	210.2
90°	510.1	466.3	412.5	356.6	304.9	272.4	247.6	227.8	217.9	213.7	210.1
92.5°	510.1	464.4	410.8	356.2	306.0	273.3	248.5	229.1	219.2	214.3	210.2
95°	510.1	462.5	409.0	355.8	307.1	274.4	249.6	230.6	220.5	215.0	210.4
97.5°	510.1	460.6	407.3	355.4	308.4	275.6	250.9	232.3	222.0	215.7	210.7
100°	507.7	458.7	405.6	355.0	309.7	276.9	252.2	234.0	223.5	216.6	211.0
102.5°	506.3	454.3	403.8	354.7	311.1	278.3	253.7	235.9	225.2	217.6	211.5
105°	504.4	451.3	402.1	354.3	312.5	279.9	255.4	237.8	226.9	218.8	212.2
107.5°	502.1	448.1	398.2	353.9	314.0	281.6	257.2	239.9	228.8	220.1	213.0
110°	499.4	444.8	395.9	353.5	315.5	283.4	259.1	242.0	230.8	221.7	214.0



TEST NUMBER: P231981

CATALOG NUMBER: FVS4WM-4-LD4-35-2LO-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°	494.7	440.8	393.5	353.1	317.0	285.1	260.7	243.4	231.4	221.4	212.3
115°	470.5	422.1	378.8	341.5	308.4	278.9	255.8	238.8	226.5	216.0	206.0
117.5°	446.7	403.6	364.2	329.8	299.8	272.7	250.9	234.3	221.7	211.0	200.1
120°	423.1	385.1	349.7	318.2	291.1	266.4	246.0	229.8	217.0	206.3	195.1
122.5°	400.0	366.9	335.2	306.5	282.3	260.0	241.0	225.5	212.6	201.9	189.9
125°	377.4	348.8	320.7	294.9	273.5	253.5	236.0	221.2	208.3	197.7	185.6
127.5°	355.3	330.9	306.3	283.2	264.6	246.9	230.9	217.0	204.4	193.7	181.7
130°	333.9	313.3	292.0	271.6	255.6	240.1	225.7	212.8	200.7	189.9	178.3
132.5°	313.2	296.0	277.8	259.9	246.5	233.1	220.3	208.8	197.2	186.3	175.5
135°	293.0	278.7	263.6	248.3	237.1	225.5	213.8	202.7	191.1	179.5	168.6
137.5°	270.6	256.6	242.3	227.8	217.9	207.7	197.7	187.7	177.6	167.5	157.5
140°	247.7	234.3	220.9	207.3	198.6	189.8	180.9	172.4	163.7	154.6	146.0
142.5°	224.7	212.1	199.5	186.8	179.3	171.6	164.1	156.8	149.7	141.6	134.0
145°	201.6	189.7	178.1	166.3	159.8	153.3	147.1	140.9	134.7	128.1	121.5
147.5°	178.4	167.4	156.7	145.7	140.4	134.7	129.7	124.6	119.5	114.1	108.6
150°	155.2	145.0	135.3	125.2	120.8	116.0	112.1	108.0	103.8	99.5	95.0
152.5°	132.0	122.7	113.9	104.7	101.2	97.3	94.1	91.0	87.7	84.3	80.7
155°	108.7	100.4	92.5	84.2	81.4	78.4	75.8	73.6	71.1	68.5	65.7
157.5°	86.4	78.6	71.2	63.7	61.7	59.7	58.1	57.2	56.3	55.2	54.1
160°	77.4	70.6	63.8	56.9	55.3	53.6	51.9	51.2	50.4	49.6	48.6
162.5°	68.5	62.4	56.3	50.0	48.8	47.4	46.0	45.2	44.5	43.8	43.1
165°	59.5	54.1	48.7	43.2	42.2	41.2	40.1	39.0	38.5	38.0	37.4
167.5°	50.3	45.7	41.1	36.3	35.6	34.9	34.1	33.2	32.5	32.1	31.6
170°	41.0	37.2	33.4	29.5	29.0	28.5	27.9	27.3	26.6	26.0	25.7
172.5°	31.5	28.6	25.6	22.6	22.3	22.0	21.6	21.2	20.8	20.3	19.8
175°	21.9	19.9	17.8	15.8	15.6	15.4	15.2	15.0	14.8	14.5	14.2
177.5°	12.1	11.0	10.0	8.9	8.9	8.8	8.7	8.6	8.5	8.4	8.3
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: P231981

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

**CANDELA DISTRIBUTION (continued):**

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
0°	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1
2.5°	8.1	8.0	7.8	7.7	7.5	7.3	7.1	6.9	6.7	6.4	6.2
5°	13.9	13.5	13.2	12.8	12.4	12.2	11.9	11.6	11.3	10.9	10.6
7.5°	19.4	19.1	18.7	18.4	18.0	17.6	17.2	16.7	16.2	15.7	15.1
10°	25.3	24.9	24.4	23.9	23.4	22.8	22.1	21.4	20.7	20.0	19.2
12.5°	31.1	30.5	29.9	29.2	28.4	27.6	26.8	26.0	24.9	23.9	22.9
15°	36.8	36.0	35.2	34.3	33.4	32.3	31.3	30.1	29.0	27.8	26.7
17.5°	42.2	41.3	40.3	39.2	38.1	36.9	35.6	34.4	33.2	31.9	30.6
20°	47.6	46.5	45.3	44.1	42.8	41.5	40.1	38.8	37.3	35.8	34.3
22.5°	53.0	51.7	50.3	48.9	47.5	46.0	44.5	42.9	41.2	39.5	37.6
25°	62.8	59.8	56.7	53.7	52.1	50.4	48.7	46.9	44.8	42.7	40.6
27.5°	77.0	73.2	69.4	65.7	61.8	57.9	54.1	50.4	48.1	45.8	43.5
30°	90.3	85.8	81.3	76.5	71.8	67.0	62.3	57.8	53.7	49.6	46.4
32.5°	103.1	97.7	92.0	86.2	80.4	74.7	69.3	64.4	59.7	55.5	51.5
35°	115.2	108.7	101.6	94.6	87.8	81.4	75.6	70.0	65.0	60.2	55.8
37.5°	126.6	118.5	110.1	102.0	94.2	87.4	80.9	74.8	69.2	64.1	59.5
40°	137.3	127.4	117.8	108.4	100.3	92.6	85.3	78.7	72.9	67.7	63.0
42.5°	146.9	135.5	124.6	114.6	105.6	97.0	89.0	82.4	76.4	71.1	65.9
45°	155.7	142.9	130.6	120.2	110.2	100.5	92.8	85.8	79.7	73.8	68.2
47.5°	162.4	149.4	136.7	125.3	114.1	104.3	96.0	89.2	82.4	75.9	70.1
50°	165.4	152.7	141.0	129.5	117.7	108.0	99.6	92.1	84.5	77.7	71.4
52.5°	169.2	156.9	145.5	133.9	123.3	114.1	105.7	96.1	86.3	78.9	72.3
55°	173.6	161.9	150.5	138.9	129.8	121.6	113.2	103.2	93.0	83.0	73.5
57.5°	178.5	167.3	156.0	145.3	137.0	130.0	120.9	110.5	99.6	88.8	79.0
60°	184.1	173.1	162.0	152.7	145.6	138.9	129.0	117.7	105.9	94.5	83.9
62.5°	190.1	179.3	168.5	160.7	154.8	147.4	136.9	124.8	111.7	99.8	88.4
65°	196.5	185.9	175.5	169.3	164.7	156.3	144.8	131.4	117.5	104.7	92.4
67.5°	203.1	192.9	183.8	178.7	175.2	165.6	152.8	137.7	123.2	109.5	96.1
70°	206.0	197.3	190.8	188.1	184.7	174.7	160.7	144.0	128.8	114.1	99.5
72.5°	205.4	197.4	191.5	188.7	184.9	176.3	163.8	148.7	134.1	118.5	102.5
75°	205.0	197.7	192.3	189.3	184.2	175.5	163.4	148.7	133.8	119.0	104.9
77.5°	204.9	198.3	193.0	189.6	183.8	175.5	163.8	149.2	134.0	119.1	106.0
80°	205.1	199.2	193.8	189.9	183.6	176.1	165.0	150.1	134.7	120.0	107.7
82.5°	205.4	200.3	194.5	190.1	183.6	177.2	166.9	151.4	135.9	121.5	109.7
85°	205.9	201.6	195.4	190.3	183.8	178.7	169.4	153.2	137.7	123.8	112.3
87.5°	206.6	203.0	196.3	190.6	184.1	180.5	172.3	155.6	140.0	126.7	115.4
90°	207.3	204.5	197.4	191.0	184.7	182.5	175.5	158.5	142.9	130.2	118.9
92.5°	206.6	203.0	196.3	190.6	184.1	180.5	172.3	155.6	140.0	126.7	115.4
95°	205.9	201.6	195.4	190.3	183.8	178.7	169.4	153.2	137.7	123.8	112.3
97.5°	205.4	200.3	194.5	190.1	183.6	177.2	166.9	151.4	135.9	121.5	109.7
100°	205.1	199.2	193.8	189.9	183.6	176.1	165.0	150.1	134.7	120.0	107.7
102.5°	204.9	198.3	193.0	189.6	183.8	175.5	163.8	149.2	134.0	119.1	106.0
105°	205.0	197.7	192.3	189.3	184.2	175.5	163.4	148.7	133.8	119.0	104.9
107.5°	205.4	197.4	191.5	188.7	184.9	176.3	163.8	148.7	134.1	118.5	102.5
110°	206.0	197.3	190.8	188.1	184.7	174.7	160.7	144.0	128.8	114.1	99.5



TEST NUMBER: P231981

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

**CANDELA DISTRIBUTION (continued):**

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
112.5°	203.1	192.9	183.8	178.7	175.2	165.6	152.8	137.7	123.2	109.5	96.1
115°	196.5	185.9	175.5	169.3	164.7	156.3	144.8	131.4	117.5	104.7	92.4
117.5°	190.1	179.3	168.5	160.7	154.8	147.4	136.9	124.8	111.7	99.8	88.4
120°	184.1	173.1	162.0	152.7	145.6	138.9	129.0	117.7	105.9	94.5	83.9
122.5°	178.5	167.3	156.0	145.3	137.0	130.0	120.9	110.5	99.6	88.8	79.0
125°	173.6	161.9	150.5	138.9	129.8	121.6	113.2	103.2	93.0	83.0	73.5
127.5°	169.2	156.9	145.5	133.9	123.3	114.1	105.7	96.1	86.3	78.9	72.3
130°	165.4	152.7	141.0	129.5	117.7	108.0	99.6	92.1	84.5	77.7	71.4
132.5°	162.4	149.4	136.7	125.3	114.1	104.3	96.0	89.2	82.4	75.9	70.1
135°	155.7	142.9	130.6	120.2	110.2	100.5	92.8	85.8	79.7	73.8	68.2
137.5°	146.9	135.5	124.6	114.6	105.6	97.0	89.0	82.4	76.4	71.1	65.9
140°	137.3	127.4	117.8	108.4	100.3	92.6	85.3	78.7	72.9	67.7	63.0
142.5°	126.6	118.5	110.1	102.0	94.2	87.4	80.9	74.8	69.2	64.1	59.5
145°	115.2	108.7	101.6	94.6	87.8	81.4	75.6	70.0	65.0	60.2	55.8
147.5°	103.1	97.7	92.0	86.2	80.4	74.7	69.3	64.4	59.7	55.5	51.5
150°	90.3	85.8	81.3	76.5	71.8	67.0	62.3	57.8	53.7	49.6	46.4
152.5°	77.0	73.2	69.4	65.7	61.8	57.9	54.1	50.4	48.1	45.8	43.5
155°	62.8	59.8	56.7	53.7	52.1	50.4	48.7	46.9	44.8	42.7	40.6
157.5°	53.0	51.7	50.3	48.9	47.5	46.0	44.5	42.9	41.2	39.5	37.6
160°	47.6	46.5	45.3	44.1	42.8	41.5	40.1	38.8	37.3	35.8	34.3
162.5°	42.2	41.3	40.3	39.2	38.1	36.9	35.6	34.4	33.2	31.9	30.6
165°	36.8	36.0	35.2	34.3	33.4	32.3	31.3	30.1	29.0	27.8	26.7
167.5°	31.1	30.5	29.9	29.2	28.4	27.6	26.8	26.0	24.9	23.9	22.9
170°	25.3	24.9	24.4	23.9	23.4	22.8	22.1	21.4	20.7	20.0	19.2
172.5°	19.4	19.1	18.7	18.4	18.0	17.6	17.2	16.7	16.2	15.7	15.1
175°	13.9	13.5	13.2	12.8	12.4	12.2	11.9	11.6	11.3	10.9	10.6
177.5°	8.1	8.0	7.8	7.7	7.5	7.3	7.1	6.9	6.7	6.4	6.2
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: P231981

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

**CANDELA DISTRIBUTION (continued):**

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
0°	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1
2.5°	6.0	5.7	5.5	5.2	5.0	4.7	4.4	4.2	3.9	3.6	3.4
5°	10.2	9.8	9.4	9.0	8.6	8.1	7.7	7.2	6.7	6.2	5.7
7.5°	14.5	13.9	13.2	12.6	11.9	11.2	10.5	9.8	9.0	8.3	7.5
10°	18.4	17.5	16.6	15.7	14.7	13.8	12.8	11.8	10.8	9.7	8.7
12.5°	21.8	20.7	19.6	18.5	17.4	16.4	15.3	14.1	13.0	11.8	10.7
15°	25.5	24.3	23.1	21.9	20.6	19.3	18.0	16.6	15.2	13.8	12.3
17.5°	29.3	27.8	26.4	24.9	23.4	21.8	20.2	18.6	17.0	15.3	13.7
20°	32.7	31.0	29.3	27.5	25.7	23.9	22.1	20.3	18.5	16.7	14.9
22.5°	35.7	33.8	31.8	29.9	27.9	25.9	24.0	22.0	20.1	18.1	16.1
25°	38.5	36.4	34.2	32.2	30.1	28.0	26.0	23.9	21.7	19.5	17.3
27.5°	41.2	39.0	36.8	34.7	32.3	30.0	27.6	25.3	23.0	20.7	18.4
30°	44.1	41.8	39.3	36.7	34.2	31.8	29.3	26.9	24.5	22.1	19.6
32.5°	47.6	44.0	41.4	38.8	36.3	33.8	31.3	28.8	26.3	23.7	21.1
35°	51.5	47.8	44.2	41.2	38.7	36.1	33.5	30.8	28.1	25.3	22.5
37.5°	55.3	51.3	47.7	44.3	41.3	38.6	35.7	32.7	29.7	26.6	23.6
40°	58.5	54.4	50.6	47.1	43.9	40.7	37.5	34.3	31.1	27.9	24.6
42.5°	61.1	56.8	52.8	49.0	45.5	42.2	39.2	35.8	32.0	28.4	24.8
45°	63.2	58.6	54.2	50.2	46.6	43.1	39.4	36.0	32.5	28.9	25.4
47.5°	64.7	59.7	55.1	51.0	46.8	42.8	39.3	36.1	33.1	29.4	25.9
50°	65.6	60.4	55.7	50.9	46.5	42.6	39.1	35.8	32.8	29.8	26.2
52.5°	66.3	60.8	55.5	50.6	46.3	42.3	38.7	35.3	32.2	29.3	25.9
55°	66.7	60.8	55.2	50.3	46.0	41.9	37.9	34.4	31.2	28.2	25.5
57.5°	69.7	60.9	55.0	50.1	45.4	40.9	37.1	33.7	30.5	27.6	24.8
60°	73.8	64.7	56.7	49.6	44.4	40.2	36.6	33.2	30.0	27.0	24.2
62.5°	77.6	67.8	59.7	51.7	44.8	40.0	36.3	32.9	29.8	26.8	23.7
65°	80.7	71.1	62.3	54.1	47.4	41.3	36.2	32.9	29.9	26.4	22.7
67.5°	83.8	74.4	64.7	56.8	49.7	43.3	37.9	33.6	29.7	25.8	22.2
70°	87.5	77.1	67.5	59.2	51.7	45.0	39.5	34.4	29.6	25.8	21.5
72.5°	91.1	80.0	70.3	61.6	53.6	46.6	40.6	34.4	29.3	24.8	20.7
75°	94.0	83.1	73.1	63.9	55.2	48.0	40.7	33.9	28.1	22.9	19.1
77.5°	95.0	84.3	74.5	65.5	56.8	49.0	40.6	33.0	26.3	20.8	16.6
80°	96.4	85.5	75.7	66.2	57.3	48.9	40.2	31.8	24.5	18.4	13.6
82.5°	98.4	87.1	77.2	67.1	57.9	48.9	39.8	31.4	23.5	16.4	10.6
85°	100.9	89.2	79.3	68.5	58.9	49.4	40.0	31.7	23.5	16.1	9.7
87.5°	103.9	91.7	81.8	70.4	60.3	50.6	40.9	32.8	24.1	16.5	9.8
90°	107.5	94.8	84.9	72.9	62.3	52.4	42.5	34.7	25.5	17.7	10.6
92.5°	103.9	91.7	81.8	70.4	60.3	50.6	40.9	32.8	24.1	16.5	9.8
95°	100.9	89.2	79.3	68.5	58.9	49.4	40.0	31.7	23.5	16.1	9.7
97.5°	98.4	87.1	77.2	67.1	57.9	48.9	39.8	31.4	23.5	16.4	10.6
100°	96.4	85.5	75.7	66.2	57.3	48.9	40.2	31.8	24.5	18.4	13.6
102.5°	95.0	84.3	74.5	65.5	56.8	49.0	40.6	33.0	26.3	20.8	16.6
105°	94.0	83.1	73.1	63.9	55.2	48.0	40.7	33.9	28.1	22.9	19.1
107.5°	91.1	80.0	70.3	61.6	53.6	46.6	40.6	34.4	29.3	24.8	20.7
110°	87.5	77.1	67.5	59.2	51.7	45.0	39.5	34.4	29.6	25.8	21.5





TEST NUMBER: P231981

CATALOG NUMBER: FVS4WM-4-LD4-35-2LO-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°	83.8	74.4	64.7	56.8	49.7	43.3	37.9	33.6	29.7	25.8	22.2
115°	80.7	71.1	62.3	54.1	47.4	41.3	36.2	32.9	29.9	26.4	22.7
117.5°	77.6	67.8	59.7	51.7	44.8	40.0	36.3	32.9	29.8	26.8	23.7
120°	73.8	64.7	56.7	49.6	44.4	40.2	36.6	33.2	30.0	27.0	24.2
122.5°	69.7	60.9	55.0	50.1	45.4	40.9	37.1	33.7	30.5	27.6	24.8
125°	66.7	60.8	55.2	50.3	46.0	41.9	37.9	34.4	31.2	28.2	25.5
127.5°	66.3	60.8	55.5	50.6	46.3	42.3	38.7	35.3	32.2	29.3	25.9
130°	65.6	60.4	55.7	50.9	46.5	42.6	39.1	35.8	32.8	29.8	26.2
132.5°	64.7	59.7	55.1	51.0	46.8	42.8	39.3	36.1	33.1	29.4	25.9
135°	63.2	58.6	54.2	50.2	46.6	43.1	39.4	36.0	32.5	28.9	25.4
137.5°	61.1	56.8	52.8	49.0	45.5	42.2	39.2	35.8	32.0	28.4	24.8
140°	58.5	54.4	50.6	47.1	43.9	40.7	37.5	34.3	31.1	27.9	24.6
142.5°	55.3	51.3	47.7	44.3	41.3	38.6	35.7	32.7	29.7	26.6	23.6
145°	51.5	47.8	44.2	41.2	38.7	36.1	33.5	30.8	28.1	25.3	22.5
147.5°	47.6	44.0	41.4	38.8	36.3	33.8	31.3	28.8	26.3	23.7	21.1
150°	44.1	41.8	39.3	36.7	34.2	31.8	29.3	26.9	24.5	22.1	19.6
152.5°	41.2	39.0	36.8	34.7	32.3	30.0	27.6	25.3	23.0	20.7	18.4
155°	38.5	36.4	34.2	32.2	30.1	28.0	26.0	23.9	21.7	19.5	17.3
157.5°	35.7	33.8	31.8	29.9	27.9	25.9	24.0	22.0	20.1	18.1	16.1
160°	32.7	31.0	29.3	27.5	25.7	23.9	22.1	20.3	18.5	16.7	14.9
162.5°	29.3	27.8	26.4	24.9	23.4	21.8	20.2	18.6	17.0	15.3	13.7
165°	25.5	24.3	23.1	21.9	20.6	19.3	18.0	16.6	15.2	13.8	12.3
167.5°	21.8	20.7	19.6	18.5	17.4	16.4	15.3	14.1	13.0	11.8	10.7
170°	18.4	17.5	16.6	15.7	14.7	13.8	12.8	11.8	10.8	9.7	8.7
172.5°	14.5	13.9	13.2	12.6	11.9	11.2	10.5	9.8	9.0	8.3	7.5
175°	10.2	9.8	9.4	9.0	8.6	8.1	7.7	7.2	6.7	6.2	5.7
177.5°	6.0	5.7	5.5	5.2	5.0	4.7	4.4	4.2	3.9	3.6	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: P231981

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

**CANDELA DISTRIBUTION (continued):**

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
0°	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1
2.5°	3.1	2.8	2.5	2.2	2.0	1.7	1.4	1.7	2.0	2.2	2.5
5°	5.2	4.7	4.2	3.7	3.2	2.6	2.1	2.6	3.2	3.7	4.2
7.5°	6.8	6.0	5.2	4.5	3.7	2.9	2.1	2.9	3.7	4.5	5.2
10°	7.7	6.6	5.6	4.5	3.5	2.4	1.4	2.4	3.5	4.5	5.6
12.5°	9.5	8.3	7.1	5.8	4.6	3.4	2.1	3.4	4.6	5.8	7.1
15°	10.9	9.4	8.0	6.5	5.1	3.6	2.1	3.6	5.1	6.5	8.0
17.5°	12.0	10.4	8.7	7.1	5.4	3.8	2.1	3.8	5.4	7.1	8.7
20°	13.1	11.3	9.4	7.6	5.8	3.9	2.1	3.9	5.8	7.6	9.4
22.5°	14.2	12.2	10.2	8.2	6.1	4.1	2.1	4.1	6.1	8.2	10.2
25°	15.1	12.9	10.8	8.6	6.4	4.3	2.1	4.3	6.4	8.6	10.8
27.5°	16.1	13.8	11.4	9.1	6.8	4.4	2.1	4.4	6.8	9.1	11.4
30°	17.2	14.7	12.2	9.7	7.2	4.6	2.1	4.6	7.2	9.7	12.2
32.5°	18.4	15.8	13.1	10.3	7.6	4.9	2.1	4.9	7.6	10.3	13.1
35°	19.6	16.7	13.8	10.8	7.9	5.0	2.1	5.0	7.9	10.8	13.8
37.5°	20.5	17.5	14.4	11.3	8.3	5.2	2.1	5.2	8.3	11.3	14.4
40°	21.2	17.9	14.7	11.5	8.3	5.2	2.1	5.2	8.3	11.5	14.7
42.5°	21.5	18.2	14.9	11.7	8.5	5.3	2.1	5.3	8.5	11.7	14.9
45°	22.0	18.6	15.4	12.2	9.1	5.9	2.8	5.9	9.1	12.2	15.4
47.5°	22.4	19.0	15.7	12.4	9.2	6.0	2.8	6.0	9.2	12.4	15.7
50°	22.6	19.0	15.6	12.3	9.0	5.9	2.8	5.9	9.0	12.3	15.6
52.5°	22.2	18.7	15.4	12.2	9.0	5.9	2.8	5.9	9.0	12.2	15.4
55°	22.2	18.7	15.3	12.1	8.9	5.8	2.8	5.8	8.9	12.1	15.3
57.5°	22.0	18.4	15.1	11.9	8.8	5.8	2.8	5.8	8.8	11.9	15.1
60°	21.3	18.1	14.6	11.4	8.4	5.5	2.8	5.5	8.4	11.4	14.6
62.5°	20.3	17.0	13.6	10.6	7.8	5.3	2.8	5.3	7.8	10.6	13.6
65°	19.3	15.8	12.6	9.8	7.3	5.0	2.8	5.0	7.3	9.8	12.6
67.5°	18.4	14.9	11.7	9.1	6.8	4.7	2.8	4.7	6.8	9.1	11.7
70°	17.5	14.0	10.8	7.9	5.8	4.2	2.8	4.2	5.8	7.9	10.8
72.5°	16.8	13.0	9.4	6.5	5.2	4.3	3.5	4.3	5.2	6.5	9.4
75°	16.1	12.1	8.7	6.0	4.4	3.8	3.5	3.8	4.4	6.0	8.7
77.5°	13.6	11.3	7.8	4.5	1.6	0.4	0.0	0.4	1.6	4.5	7.8
80°	10.1	7.9	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0
82.5°	6.7	3.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	4.6	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	4.5	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°	4.5	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	4.6	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	6.7	3.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	10.1	7.9	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0
102.5°	13.6	11.3	7.8	4.5	1.6	0.4	0.0	0.4	1.6	4.5	7.8
105°	16.1	12.1	8.7	6.0	4.4	3.8	3.5	3.8	4.4	6.0	8.7
107.5°	16.8	13.0	9.4	6.5	5.2	4.3	3.5	4.3	5.2	6.5	9.4
110°	17.5	14.0	10.8	7.9	5.8	4.2	2.8	4.2	5.8	7.9	10.8



TEST NUMBER: P231981

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

**CANDELA DISTRIBUTION (continued):**

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
112.5°	18.4	14.9	11.7	9.1	6.8	4.7	2.8	4.7	6.8	9.1	11.7
115°	19.3	15.8	12.6	9.8	7.3	5.0	2.8	5.0	7.3	9.8	12.6
117.5°	20.3	17.0	13.6	10.6	7.8	5.3	2.8	5.3	7.8	10.6	13.6
120°	21.3	18.1	14.6	11.4	8.4	5.5	2.8	5.5	8.4	11.4	14.6
122.5°	22.0	18.4	15.1	11.9	8.8	5.8	2.8	5.8	8.8	11.9	15.1
125°	22.2	18.7	15.3	12.1	8.9	5.8	2.8	5.8	8.9	12.1	15.3
127.5°	22.2	18.7	15.4	12.2	9.0	5.9	2.8	5.9	9.0	12.2	15.4
130°	22.6	19.0	15.6	12.3	9.0	5.9	2.8	5.9	9.0	12.3	15.6
132.5°	22.4	19.0	15.7	12.4	9.2	6.0	2.8	6.0	9.2	12.4	15.7
135°	22.0	18.6	15.4	12.2	9.1	5.9	2.8	5.9	9.1	12.2	15.4
137.5°	21.5	18.2	14.9	11.7	8.5	5.3	2.1	5.3	8.5	11.7	14.9
140°	21.2	17.9	14.7	11.5	8.3	5.2	2.1	5.2	8.3	11.5	14.7
142.5°	20.5	17.5	14.4	11.3	8.3	5.2	2.1	5.2	8.3	11.3	14.4
145°	19.6	16.7	13.8	10.8	7.9	5.0	2.1	5.0	7.9	10.8	13.8
147.5°	18.4	15.8	13.1	10.3	7.6	4.9	2.1	4.9	7.6	10.3	13.1
150°	17.2	14.7	12.2	9.7	7.2	4.6	2.1	4.6	7.2	9.7	12.2
152.5°	16.1	13.8	11.4	9.1	6.8	4.4	2.1	4.4	6.8	9.1	11.4
155°	15.1	12.9	10.8	8.6	6.4	4.3	2.1	4.3	6.4	8.6	10.8
157.5°	14.2	12.2	10.2	8.2	6.1	4.1	2.1	4.1	6.1	8.2	10.2
160°	13.1	11.3	9.4	7.6	5.8	3.9	2.1	3.9	5.8	7.6	9.4
162.5°	12.0	10.4	8.7	7.1	5.4	3.8	2.1	3.8	5.4	7.1	8.7
165°	10.9	9.4	8.0	6.5	5.1	3.6	2.1	3.6	5.1	6.5	8.0
167.5°	9.5	8.3	7.1	5.8	4.6	3.4	2.1	3.4	4.6	5.8	7.1
170°	7.7	6.6	5.6	4.5	3.5	2.4	1.4	2.4	3.5	4.5	5.6
172.5°	6.8	6.0	5.2	4.5	3.7	2.9	2.1	2.9	3.7	4.5	5.2
175°	5.2	4.7	4.2	3.7	3.2	2.6	2.1	2.6	3.2	3.7	4.2
177.5°	3.1	2.8	2.5	2.2	2.0	1.7	1.4	1.7	2.0	2.2	2.5
180°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0



TEST NUMBER: P231981

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

**CANDELA DISTRIBUTION (continued):**

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
0°	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1
2.5°	2.8	3.1	3.4	3.6	3.9	4.2	4.4	4.7	5.0	5.2	5.5
5°	4.7	5.2	5.7	6.2	6.7	7.2	7.7	8.1	8.6	9.0	9.4
7.5°	6.0	6.8	7.5	8.3	9.0	9.8	10.5	11.2	11.9	12.6	13.2
10°	6.6	7.7	8.7	9.7	10.8	11.8	12.8	13.8	14.7	15.7	16.6
12.5°	8.3	9.5	10.7	11.8	13.0	14.1	15.3	16.4	17.4	18.5	19.6
15°	9.4	10.9	12.3	13.8	15.2	16.6	18.0	19.3	20.6	21.9	23.1
17.5°	10.4	12.0	13.7	15.3	17.0	18.6	20.2	21.8	23.4	24.9	26.4
20°	11.3	13.1	14.9	16.7	18.5	20.3	22.1	23.9	25.7	27.5	29.3
22.5°	12.2	14.2	16.1	18.1	20.1	22.0	24.0	25.9	27.9	29.9	31.8
25°	12.9	15.1	17.3	19.5	21.7	23.9	26.0	28.0	30.1	32.2	34.2
27.5°	13.8	16.1	18.4	20.7	23.0	25.3	27.6	30.0	32.3	34.7	36.8
30°	14.7	17.2	19.6	22.1	24.5	26.9	29.3	31.8	34.2	36.7	39.3
32.5°	15.8	18.4	21.1	23.7	26.3	28.8	31.3	33.8	36.3	38.8	41.4
35°	16.7	19.6	22.5	25.3	28.1	30.8	33.5	36.1	38.7	41.2	44.2
37.5°	17.5	20.5	23.6	26.6	29.7	32.7	35.7	38.6	41.3	44.3	47.7
40°	17.9	21.2	24.6	27.9	31.1	34.3	37.5	40.7	43.9	47.1	50.6
42.5°	18.2	21.5	24.8	28.4	32.0	35.8	39.2	42.2	45.5	49.0	52.8
45°	18.6	22.0	25.4	28.9	32.5	36.0	39.4	43.1	46.6	50.2	54.2
47.5°	19.0	22.4	25.9	29.4	33.1	36.1	39.3	42.8	46.8	51.0	55.1
50°	19.0	22.6	26.2	29.8	32.8	35.8	39.1	42.6	46.5	50.9	55.7
52.5°	18.7	22.2	25.9	29.3	32.2	35.3	38.7	42.3	46.3	50.6	55.5
55°	18.7	22.2	25.5	28.2	31.2	34.4	37.9	41.9	46.0	50.3	55.2
57.5°	18.4	22.0	24.8	27.6	30.5	33.7	37.1	40.9	45.4	50.1	55.0
60°	18.1	21.3	24.2	27.0	30.0	33.2	36.6	40.2	44.4	49.6	56.7
62.5°	17.0	20.3	23.7	26.8	29.8	32.9	36.3	40.0	44.8	51.7	59.7
65°	15.8	19.3	22.7	26.4	29.9	32.9	36.2	41.3	47.4	54.1	62.3
67.5°	14.9	18.4	22.2	25.8	29.7	33.6	37.9	43.3	49.7	56.8	64.7
70°	14.0	17.5	21.5	25.8	29.6	34.4	39.5	45.0	51.7	59.2	67.5
72.5°	13.0	16.8	20.7	24.8	29.3	34.4	40.6	46.6	53.6	61.6	70.3
75°	12.1	16.1	19.1	22.9	28.1	33.9	40.7	48.0	55.2	63.9	73.1
77.5°	11.3	13.6	16.6	20.8	26.3	33.0	40.6	49.0	56.8	65.5	74.5
80°	7.9	10.1	13.6	18.4	24.5	31.8	40.2	48.9	57.3	66.2	75.7
82.5°	3.9	6.7	10.6	16.4	23.5	31.4	39.8	48.9	57.9	67.1	77.2
85°	1.1	4.6	9.7	16.1	23.5	31.7	40.0	49.4	58.9	68.5	79.3
87.5°	0.4	4.5	9.8	16.5	24.1	32.8	40.9	50.6	60.3	70.4	81.8
90°	0.0	5.0	10.6	17.7	25.5	34.7	42.5	52.4	62.3	72.9	84.9
92.5°	0.4	4.5	9.8	16.5	24.1	32.8	40.9	50.6	60.3	70.4	81.8
95°	1.1	4.6	9.7	16.1	23.5	31.7	40.0	49.4	58.9	68.5	79.3
97.5°	3.9	6.7	10.6	16.4	23.5	31.4	39.8	48.9	57.9	67.1	77.2
100°	7.9	10.1	13.6	18.4	24.5	31.8	40.2	48.9	57.3	66.2	75.7
102.5°	11.3	13.6	16.6	20.8	26.3	33.0	40.6	49.0	56.8	65.5	74.5
105°	12.1	16.1	19.1	22.9	28.1	33.9	40.7	48.0	55.2	63.9	73.1
107.5°	13.0	16.8	20.7	24.8	29.3	34.4	40.6	46.6	53.6	61.6	70.3
110°	14.0	17.5	21.5	25.8	29.6	34.4	39.5	45.0	51.7	59.2	67.5



TEST NUMBER: P231981

CATALOG NUMBER: FVS4WM-4-LD4-35-2LO-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°	14.9	18.4	22.2	25.8	29.7	33.6	37.9	43.3	49.7	56.8	64.7
115°	15.8	19.3	22.7	26.4	29.9	32.9	36.2	41.3	47.4	54.1	62.3
117.5°	17.0	20.3	23.7	26.8	29.8	32.9	36.3	40.0	44.8	51.7	59.7
120°	18.1	21.3	24.2	27.0	30.0	33.2	36.6	40.2	44.4	49.6	56.7
122.5°	18.4	22.0	24.8	27.6	30.5	33.7	37.1	40.9	45.4	50.1	55.0
125°	18.7	22.2	25.5	28.2	31.2	34.4	37.9	41.9	46.0	50.3	55.2
127.5°	18.7	22.2	25.9	29.3	32.2	35.3	38.7	42.3	46.3	50.6	55.5
130°	19.0	22.6	26.2	29.8	32.8	35.8	39.1	42.6	46.5	50.9	55.7
132.5°	19.0	22.4	25.9	29.4	33.1	36.1	39.3	42.8	46.8	51.0	55.1
135°	18.6	22.0	25.4	28.9	32.5	36.0	39.4	43.1	46.6	50.2	54.2
137.5°	18.2	21.5	24.8	28.4	32.0	35.8	39.2	42.2	45.5	49.0	52.8
140°	17.9	21.2	24.6	27.9	31.1	34.3	37.5	40.7	43.9	47.1	50.6
142.5°	17.5	20.5	23.6	26.6	29.7	32.7	35.7	38.6	41.3	44.3	47.7
145°	16.7	19.6	22.5	25.3	28.1	30.8	33.5	36.1	38.7	41.2	44.2
147.5°	15.8	18.4	21.1	23.7	26.3	28.8	31.3	33.8	36.3	38.8	41.4
150°	14.7	17.2	19.6	22.1	24.5	26.9	29.3	31.8	34.2	36.7	39.3
152.5°	13.8	16.1	18.4	20.7	23.0	25.3	27.6	30.0	32.3	34.7	36.8
155°	12.9	15.1	17.3	19.5	21.7	23.9	26.0	28.0	30.1	32.2	34.2
157.5°	12.2	14.2	16.1	18.1	20.1	22.0	24.0	25.9	27.9	29.9	31.8
160°	11.3	13.1	14.9	16.7	18.5	20.3	22.1	23.9	25.7	27.5	29.3
162.5°	10.4	12.0	13.7	15.3	17.0	18.6	20.2	21.8	23.4	24.9	26.4
165°	9.4	10.9	12.3	13.8	15.2	16.6	18.0	19.3	20.6	21.9	23.1
167.5°	8.3	9.5	10.7	11.8	13.0	14.1	15.3	16.4	17.4	18.5	19.6
170°	6.6	7.7	8.7	9.7	10.8	11.8	12.8	13.8	14.7	15.7	16.6
172.5°	6.0	6.8	7.5	8.3	9.0	9.8	10.5	11.2	11.9	12.6	13.2
175°	4.7	5.2	5.7	6.2	6.7	7.2	7.7	8.1	8.6	9.0	9.4
177.5°	2.8	3.1	3.4	3.6	3.9	4.2	4.4	4.7	5.0	5.2	5.5
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: P231981

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

**CANDELA DISTRIBUTION (continued):**

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
0°	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1
2.5°	5.7	6.0	6.2	6.4	6.7	6.9	7.1	7.3	7.5	7.7	7.8
5°	9.8	10.2	10.6	10.9	11.3	11.6	11.9	12.2	12.4	12.8	13.2
7.5°	13.9	14.5	15.1	15.7	16.2	16.7	17.2	17.6	18.0	18.4	18.7
10°	17.5	18.4	19.2	20.0	20.7	21.4	22.1	22.8	23.4	23.9	24.4
12.5°	20.7	21.8	22.9	23.9	24.9	26.0	26.8	27.6	28.4	29.2	29.9
15°	24.3	25.5	26.7	27.8	29.0	30.1	31.3	32.3	33.4	34.3	35.2
17.5°	27.8	29.3	30.6	31.9	33.2	34.4	35.6	36.9	38.1	39.2	40.3
20°	31.0	32.7	34.3	35.8	37.3	38.8	40.1	41.5	42.8	44.1	45.3
22.5°	33.8	35.7	37.6	39.5	41.2	42.9	44.5	46.0	47.5	48.9	50.3
25°	36.4	38.5	40.6	42.7	44.8	46.9	48.7	50.4	52.1	53.7	56.7
27.5°	39.0	41.2	43.5	45.8	48.1	50.4	54.1	57.9	61.8	65.7	69.4
30°	41.8	44.1	46.4	49.6	53.7	57.8	62.3	67.0	71.8	76.5	81.3
32.5°	44.0	47.6	51.5	55.5	59.7	64.4	69.3	74.7	80.4	86.2	92.0
35°	47.8	51.5	55.8	60.2	65.0	70.0	75.6	81.4	87.8	94.6	101.6
37.5°	51.3	55.3	59.5	64.1	69.2	74.8	80.9	87.4	94.2	102.0	110.1
40°	54.4	58.5	63.0	67.7	72.9	78.7	85.3	92.6	100.3	108.4	117.8
42.5°	56.8	61.1	65.9	71.1	76.4	82.4	89.0	97.0	105.6	114.6	124.6
45°	58.6	63.2	68.2	73.8	79.7	85.8	92.8	100.5	110.2	120.2	130.6
47.5°	59.7	64.7	70.1	75.9	82.4	89.2	96.0	104.3	114.1	125.3	136.7
50°	60.4	65.6	71.4	77.7	84.5	92.1	99.6	108.0	117.7	129.5	141.0
52.5°	60.8	66.3	72.3	78.9	86.3	96.1	105.7	114.1	123.3	133.9	145.5
55°	60.8	66.7	73.5	83.0	93.0	103.2	113.2	121.6	129.8	138.9	150.5
57.5°	60.9	69.7	79.0	88.8	99.6	110.5	120.9	130.0	137.0	145.3	156.0
60°	64.7	73.8	83.9	94.5	105.9	117.7	129.0	138.9	145.6	152.7	162.0
62.5°	67.8	77.6	88.4	99.8	111.7	124.8	136.9	147.4	154.8	160.7	168.5
65°	71.1	80.7	92.4	104.7	117.5	131.4	144.8	156.3	164.7	169.3	175.5
67.5°	74.4	83.8	96.1	109.5	123.2	137.7	152.8	165.6	175.2	178.7	183.8
70°	77.1	87.5	99.5	114.1	128.8	144.0	160.7	174.7	184.7	188.1	190.8
72.5°	80.0	91.1	102.5	118.5	134.1	148.7	163.8	176.3	184.9	188.7	191.5
75°	83.1	94.0	104.9	119.0	133.8	148.7	163.4	175.5	184.2	189.3	192.3
77.5°	84.3	95.0	106.0	119.1	134.0	149.2	163.8	175.5	183.8	189.6	193.0
80°	85.5	96.4	107.7	120.0	134.7	150.1	165.0	176.1	183.6	189.9	193.8
82.5°	87.1	98.4	109.7	121.5	135.9	151.4	166.9	177.2	183.6	190.1	194.5
85°	89.2	100.9	112.3	123.8	137.7	153.2	169.4	178.7	183.8	190.3	195.4
87.5°	91.7	103.9	115.4	126.7	140.0	155.6	172.3	180.5	184.1	190.6	196.3
90°	94.8	107.5	118.9	130.2	142.9	158.5	175.5	182.5	184.7	191.0	197.4
92.5°	91.7	103.9	115.4	126.7	140.0	155.6	172.3	180.5	184.1	190.6	196.3
95°	89.2	100.9	112.3	123.8	137.7	153.2	169.4	178.7	183.8	190.3	195.4
97.5°	87.1	98.4	109.7	121.5	135.9	151.4	166.9	177.2	183.6	190.1	194.5
100°	85.5	96.4	107.7	120.0	134.7	150.1	165.0	176.1	183.6	189.9	193.8
102.5°	84.3	95.0	106.0	119.1	134.0	149.2	163.8	175.5	183.8	189.6	193.0
105°	83.1	94.0	104.9	119.0	133.8	148.7	163.4	175.5	184.2	189.3	192.3
107.5°	80.0	91.1	102.5	118.5	134.1	148.7	163.8	176.3	184.9	188.7	191.5
110°	77.1	87.5	99.5	114.1	128.8	144.0	160.7	174.7	184.7	188.1	190.8



TEST NUMBER: P231981

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

**CANDELA DISTRIBUTION (continued):**

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
112.5°	74.4	83.8	96.1	109.5	123.2	137.7	152.8	165.6	175.2	178.7	183.8
115°	71.1	80.7	92.4	104.7	117.5	131.4	144.8	156.3	164.7	169.3	175.5
117.5°	67.8	77.6	88.4	99.8	111.7	124.8	136.9	147.4	154.8	160.7	168.5
120°	64.7	73.8	83.9	94.5	105.9	117.7	129.0	138.9	145.6	152.7	162.0
122.5°	60.9	69.7	79.0	88.8	99.6	110.5	120.9	130.0	137.0	145.3	156.0
125°	60.8	66.7	73.5	83.0	93.0	103.2	113.2	121.6	129.8	138.9	150.5
127.5°	60.8	66.3	72.3	78.9	86.3	96.1	105.7	114.1	123.3	133.9	145.5
130°	60.4	65.6	71.4	77.7	84.5	92.1	99.6	108.0	117.7	129.5	141.0
132.5°	59.7	64.7	70.1	75.9	82.4	89.2	96.0	104.3	114.1	125.3	136.7
135°	58.6	63.2	68.2	73.8	79.7	85.8	92.8	100.5	110.2	120.2	130.6
137.5°	56.8	61.1	65.9	71.1	76.4	82.4	89.0	97.0	105.6	114.6	124.6
140°	54.4	58.5	63.0	67.7	72.9	78.7	85.3	92.6	100.3	108.4	117.8
142.5°	51.3	55.3	59.5	64.1	69.2	74.8	80.9	87.4	94.2	102.0	110.1
145°	47.8	51.5	55.8	60.2	65.0	70.0	75.6	81.4	87.8	94.6	101.6
147.5°	44.0	47.6	51.5	55.5	59.7	64.4	69.3	74.7	80.4	86.2	92.0
150°	41.8	44.1	46.4	49.6	53.7	57.8	62.3	67.0	71.8	76.5	81.3
152.5°	39.0	41.2	43.5	45.8	48.1	50.4	54.1	57.9	61.8	65.7	69.4
155°	36.4	38.5	40.6	42.7	44.8	46.9	48.7	50.4	52.1	53.7	56.7
157.5°	33.8	35.7	37.6	39.5	41.2	42.9	44.5	46.0	47.5	48.9	50.3
160°	31.0	32.7	34.3	35.8	37.3	38.8	40.1	41.5	42.8	44.1	45.3
162.5°	27.8	29.3	30.6	31.9	33.2	34.4	35.6	36.9	38.1	39.2	40.3
165°	24.3	25.5	26.7	27.8	29.0	30.1	31.3	32.3	33.4	34.3	35.2
167.5°	20.7	21.8	22.9	23.9	24.9	26.0	26.8	27.6	28.4	29.2	29.9
170°	17.5	18.4	19.2	20.0	20.7	21.4	22.1	22.8	23.4	23.9	24.4
172.5°	13.9	14.5	15.1	15.7	16.2	16.7	17.2	17.6	18.0	18.4	18.7
175°	9.8	10.2	10.6	10.9	11.3	11.6	11.9	12.2	12.4	12.8	13.2
177.5°	5.7	6.0	6.2	6.4	6.7	6.9	7.1	7.3	7.5	7.7	7.8
180°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0



TEST NUMBER: P231981

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

**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
0°	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1
2.5°	8.0	8.1	8.3	8.4	8.5	8.6	8.7	8.8	8.9	8.9	10.0
5°	13.5	13.9	14.2	14.5	14.8	15.0	15.2	15.4	15.6	15.8	17.8
7.5°	19.1	19.4	19.8	20.3	20.8	21.2	21.6	22.0	22.3	22.6	25.6
10°	24.9	25.3	25.7	26.0	26.6	27.3	27.9	28.5	29.0	29.5	33.4
12.5°	30.5	31.1	31.6	32.1	32.5	33.2	34.1	34.9	35.6	36.3	41.1
15°	36.0	36.8	37.4	38.0	38.5	39.0	40.1	41.2	42.2	43.2	48.7
17.5°	41.3	42.2	43.1	43.8	44.5	45.2	46.0	47.4	48.8	50.0	56.3
20°	46.5	47.6	48.6	49.6	50.4	51.2	51.9	53.6	55.3	56.9	63.8
22.5°	51.7	53.0	54.1	55.2	56.3	57.2	58.1	59.7	61.7	63.7	71.2
25°	59.8	62.8	65.7	68.5	71.1	73.6	75.8	78.4	81.4	84.2	92.5
27.5°	73.2	77.0	80.7	84.3	87.7	91.0	94.1	97.3	101.2	104.7	113.9
30°	85.8	90.3	95.0	99.5	103.8	108.0	112.1	116.0	120.8	125.2	135.3
32.5°	97.7	103.1	108.6	114.1	119.5	124.6	129.7	134.7	140.4	145.7	156.7
35°	108.7	115.2	121.5	128.1	134.7	140.9	147.1	153.3	159.8	166.3	178.1
37.5°	118.5	126.6	134.0	141.6	149.7	156.8	164.1	171.6	179.3	186.8	199.5
40°	127.4	137.3	146.0	154.6	163.7	172.4	180.9	189.8	198.6	207.3	220.9
42.5°	135.5	146.9	157.5	167.5	177.6	187.7	197.7	207.7	217.9	227.8	242.3
45°	142.9	155.7	168.6	179.5	191.1	202.7	213.8	225.5	237.1	248.3	263.6
47.5°	149.4	162.4	175.5	186.3	197.2	208.8	220.3	233.1	246.5	259.9	277.8
50°	152.7	165.4	178.3	189.9	200.7	212.8	225.7	240.1	255.6	271.6	292.0
52.5°	156.9	169.2	181.7	193.7	204.4	217.0	230.9	246.9	264.6	283.2	306.3
55°	161.9	173.6	185.6	197.7	208.3	221.2	236.0	253.5	273.5	294.9	320.7
57.5°	167.3	178.5	189.9	201.9	212.6	225.5	241.0	260.0	282.3	306.5	335.2
60°	173.1	184.1	195.1	206.3	217.0	229.8	246.0	266.4	291.1	318.2	349.7
62.5°	179.3	190.1	200.1	211.0	221.7	234.3	250.9	272.7	299.8	329.8	364.2
65°	185.9	196.5	206.0	216.0	226.5	238.8	255.8	278.9	308.4	341.5	378.8
67.5°	192.9	203.1	212.3	221.4	231.4	243.4	260.7	285.1	317.0	353.1	393.5
70°	197.3	206.0	214.0	221.7	230.8	242.0	259.1	283.4	315.5	353.5	395.9
72.5°	197.4	205.4	213.0	220.1	228.8	239.9	257.2	281.6	314.0	353.9	398.2
75°	197.7	205.0	212.2	218.8	226.9	237.8	255.4	279.9	312.5	354.3	402.1
77.5°	198.3	204.9	211.5	217.6	225.2	235.9	253.7	278.3	311.1	354.7	403.8
80°	199.2	205.1	211.0	216.6	223.5	234.0	252.2	276.9	309.7	355.0	405.6
82.5°	200.3	205.4	210.7	215.7	222.0	232.3	250.9	275.6	308.4	355.4	407.3
85°	201.6	205.9	210.4	215.0	220.5	230.6	249.6	274.4	307.1	355.8	409.0
87.5°	203.0	206.6	210.2	214.3	219.2	229.1	248.5	273.3	306.0	356.2	410.8
90°	204.5	207.3	210.1	213.7	217.9	227.8	247.6	272.4	304.9	356.6	412.5
92.5°	203.0	206.6	210.2	214.3	219.2	229.1	248.5	273.3	306.0	356.2	410.8
95°	201.6	205.9	210.4	215.0	220.5	230.6	249.6	274.4	307.1	355.8	409.0
97.5°	200.3	205.4	210.7	215.7	222.0	232.3	250.9	275.6	308.4	355.4	407.3
100°	199.2	205.1	211.0	216.6	223.5	234.0	252.2	276.9	309.7	355.0	405.6
102.5°	198.3	204.9	211.5	217.6	225.2	235.9	253.7	278.3	311.1	354.7	403.8
105°	197.7	205.0	212.2	218.8	226.9	237.8	255.4	279.9	312.5	354.3	402.1
107.5°	197.4	205.4	213.0	220.1	228.8	239.9	257.2	281.6	314.0	353.9	398.2
110°	197.3	206.0	214.0	221.7	230.8	242.0	259.1	283.4	315.5	353.5	395.9





TEST NUMBER: P231981

CATALOG NUMBER: FVS4WM-4-LD4-35-2LO-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°	192.9	203.1	212.3	221.4	231.4	243.4	260.7	285.1	317.0	353.1	393.5
115°	185.9	196.5	206.0	216.0	226.5	238.8	255.8	278.9	308.4	341.5	378.8
117.5°	179.3	190.1	200.1	211.0	221.7	234.3	250.9	272.7	299.8	329.8	364.2
120°	173.1	184.1	195.1	206.3	217.0	229.8	246.0	266.4	291.1	318.2	349.7
122.5°	167.3	178.5	189.9	201.9	212.6	225.5	241.0	260.0	282.3	306.5	335.2
125°	161.9	173.6	185.6	197.7	208.3	221.2	236.0	253.5	273.5	294.9	320.7
127.5°	156.9	169.2	181.7	193.7	204.4	217.0	230.9	246.9	264.6	283.2	306.3
130°	152.7	165.4	178.3	189.9	200.7	212.8	225.7	240.1	255.6	271.6	292.0
132.5°	149.4	162.4	175.5	186.3	197.2	208.8	220.3	233.1	246.5	259.9	277.8
135°	142.9	155.7	168.6	179.5	191.1	202.7	213.8	225.5	237.1	248.3	263.6
137.5°	135.5	146.9	157.5	167.5	177.6	187.7	197.7	207.7	217.9	227.8	242.3
140°	127.4	137.3	146.0	154.6	163.7	172.4	180.9	189.8	198.6	207.3	220.9
142.5°	118.5	126.6	134.0	141.6	149.7	156.8	164.1	171.6	179.3	186.8	199.5
145°	108.7	115.2	121.5	128.1	134.7	140.9	147.1	153.3	159.8	166.3	178.1
147.5°	97.7	103.1	108.6	114.1	119.5	124.6	129.7	134.7	140.4	145.7	156.7
150°	85.8	90.3	95.0	99.5	103.8	108.0	112.1	116.0	120.8	125.2	135.3
152.5°	73.2	77.0	80.7	84.3	87.7	91.0	94.1	97.3	101.2	104.7	113.9
155°	59.8	62.8	65.7	68.5	71.1	73.6	75.8	78.4	81.4	84.2	92.5
157.5°	51.7	53.0	54.1	55.2	56.3	57.2	58.1	59.7	61.7	63.7	71.2
160°	46.5	47.6	48.6	49.6	50.4	51.2	51.9	53.6	55.3	56.9	63.8
162.5°	41.3	42.2	43.1	43.8	44.5	45.2	46.0	47.4	48.8	50.0	56.3
165°	36.0	36.8	37.4	38.0	38.5	39.0	40.1	41.2	42.2	43.2	48.7
167.5°	30.5	31.1	31.6	32.1	32.5	33.2	34.1	34.9	35.6	36.3	41.1
170°	24.9	25.3	25.7	26.0	26.6	27.3	27.9	28.5	29.0	29.5	33.4
172.5°	19.1	19.4	19.8	20.3	20.8	21.2	21.6	22.0	22.3	22.6	25.6
175°	13.5	13.9	14.2	14.5	14.8	15.0	15.2	15.4	15.6	15.8	17.8
177.5°	8.0	8.1	8.3	8.4	8.5	8.6	8.7	8.8	8.9	8.9	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: P231981

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

**CANDELA DISTRIBUTION (continued):**

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
0°	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1
2.5°	11.0	12.1	13.1	14.0	15.0	15.9	16.8	17.7	18.6	19.4	20.2
5°	19.9	21.9	23.8	25.7	27.6	29.4	31.2	32.9	34.6	36.2	37.8
7.5°	28.6	31.5	34.4	37.2	39.9	42.6	45.3	48.1	50.9	53.6	56.3
10°	37.2	41.0	44.7	48.3	52.0	55.9	59.8	63.6	67.2	70.8	74.4
12.5°	45.7	50.3	54.8	59.5	64.4	69.2	73.9	78.6	82.8	86.6	90.2
15°	54.1	59.5	64.8	70.7	76.5	82.1	87.6	92.7	97.6	102.2	107.3
17.5°	62.4	68.5	75.0	81.7	88.2	94.7	100.9	107.0	112.8	118.7	124.4
20°	70.6	77.4	84.9	92.3	99.7	107.3	114.6	121.7	129.0	136.0	142.6
22.5°	78.6	86.4	94.6	102.7	111.4	120.2	128.6	137.3	145.7	153.7	161.4
25°	100.4	108.7	116.9	125.0	133.4	141.4	149.5	157.3	164.8	172.2	181.1
27.5°	122.7	132.0	141.0	150.0	158.9	167.6	176.3	184.7	192.8	200.5	206.2
30°	145.0	155.2	165.2	174.7	184.5	193.5	202.7	211.4	219.8	226.3	232.0
32.5°	167.4	178.4	189.0	198.9	208.8	218.8	228.3	237.3	244.9	251.1	254.6
35°	189.7	201.6	212.6	222.8	233.3	244.3	253.2	262.0	268.8	273.8	274.5
37.5°	212.1	224.7	235.9	246.3	257.4	267.8	277.3	285.2	292.8	293.3	293.4
40°	234.3	247.7	258.8	269.7	281.1	291.2	300.4	307.8	311.7	312.2	310.2
42.5°	256.6	270.6	281.5	292.8	304.3	313.9	322.4	329.9	330.4	329.4	326.5
45°	278.7	293.0	303.9	315.6	326.6	336.1	343.9	348.4	348.6	345.6	343.0
47.5°	296.0	313.2	327.6	342.7	355.4	364.9	371.0	369.1	365.2	361.5	359.0
50°	313.3	333.9	352.8	373.0	390.1	404.1	414.3	416.1	411.7	402.3	389.5
52.5°	330.9	355.3	379.3	404.7	426.8	445.5	459.3	466.6	466.8	459.2	448.7
55°	348.8	377.4	406.8	437.5	465.1	489.0	507.5	519.8	524.8	517.9	505.3
57.5°	366.9	400.0	435.2	471.5	504.9	534.2	558.5	576.5	583.0	576.0	559.3
60°	385.1	423.1	464.3	506.5	545.7	581.1	612.2	636.3	642.6	631.3	614.0
62.5°	403.6	446.7	494.2	542.5	587.7	629.4	667.8	698.9	703.3	684.8	666.1
65°	422.1	470.5	524.6	579.2	630.8	679.4	724.9	759.9	764.9	736.7	715.7
67.5°	440.8	494.7	555.4	616.6	674.6	730.8	783.8	819.8	819.5	788.0	763.1
70°	444.8	499.4	562.0	626.4	689.3	753.7	817.0	859.8	863.0	836.6	810.0
72.5°	448.1	502.1	564.5	629.0	691.9	758.5	823.7	867.5	875.3	860.1	840.5
75°	451.3	504.4	566.4	630.8	693.7	762.7	829.7	876.8	892.0	886.5	869.7
77.5°	454.3	506.3	567.6	631.8	694.6	766.1	835.1	887.2	912.3	915.1	899.3
80°	458.7	507.7	568.2	632.2	694.8	768.7	839.5	898.3	935.3	945.7	929.4
82.5°	460.6	510.1	570.3	631.8	694.2	770.5	843.1	909.7	960.2	977.5	960.0
85°	462.5	510.1	568.7	632.0	694.2	773.4	848.1	923.5	986.0	1010.1	991.1
87.5°	464.4	510.1	567.0	629.5	691.0	771.6	847.8	931.9	1012.6	1043.3	1022.5
90°	466.3	510.1	565.3	626.9	687.7	769.8	847.6	940.3	1036.5	1075.5	1054.9
92.5°	464.4	510.1	567.0	629.5	691.0	771.6	847.8	931.9	1012.6	1043.3	1022.5
95°	462.5	510.1	568.7	632.0	694.2	773.4	848.1	923.5	986.0	1010.1	991.1
97.5°	460.6	510.1	570.3	631.8	694.2	770.5	843.1	909.7	960.2	977.5	960.0
100°	458.7	507.7	568.2	632.2	694.8	768.7	839.5	898.3	935.3	945.7	929.4
102.5°	454.3	506.3	567.6	631.8	694.6	766.1	835.1	887.2	912.3	915.1	899.3
105°	451.3	504.4	566.4	630.8	693.7	762.7	829.7	876.8	892.0	886.5	869.7
107.5°	448.1	502.1	564.5	629.0	691.9	758.5	823.7	867.5	875.3	860.1	840.5
110°	444.8	499.4	562.0	626.4	689.3	753.7	817.0	859.8	863.0	836.6	810.0



TEST NUMBER: P231981

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

**CANDELA DISTRIBUTION (continued):**

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
112.5°	440.8	494.7	555.4	616.6	674.6	730.8	783.8	819.8	819.5	788.0	763.1
115°	422.1	470.5	524.6	579.2	630.8	679.4	724.9	759.9	764.9	736.7	715.7
117.5°	403.6	446.7	494.2	542.5	587.7	629.4	667.8	698.9	703.3	684.8	666.1
120°	385.1	423.1	464.3	506.5	545.7	581.1	612.2	636.3	642.6	631.3	614.0
122.5°	366.9	400.0	435.2	471.5	504.9	534.2	558.5	576.5	583.0	576.0	559.3
125°	348.8	377.4	406.8	437.5	465.1	489.0	507.5	519.8	524.8	517.9	505.3
127.5°	330.9	355.3	379.3	404.7	426.8	445.5	459.3	466.6	466.8	459.2	448.7
130°	313.3	333.9	352.8	373.0	390.1	404.1	414.3	416.1	411.7	402.3	389.5
132.5°	296.0	313.2	327.6	342.7	355.4	364.9	371.0	369.1	365.2	361.5	359.0
135°	278.7	293.0	303.9	315.6	326.6	336.1	343.9	348.4	348.6	345.6	343.0
137.5°	256.6	270.6	281.5	292.8	304.3	313.9	322.4	329.9	330.4	329.4	326.5
140°	234.3	247.7	258.8	269.7	281.1	291.2	300.4	307.8	311.7	312.2	310.2
142.5°	212.1	224.7	235.9	246.3	257.4	267.8	277.3	285.2	292.8	293.3	293.4
145°	189.7	201.6	212.6	222.8	233.3	244.3	253.2	262.0	268.8	273.8	274.5
147.5°	167.4	178.4	189.0	198.9	208.8	218.8	228.3	237.3	244.9	251.1	254.6
150°	145.0	155.2	165.2	174.7	184.5	193.5	202.7	211.4	219.8	226.3	232.0
152.5°	122.7	132.0	141.0	150.0	158.9	167.6	176.3	184.7	192.8	200.5	206.2
155°	100.4	108.7	116.9	125.0	133.4	141.4	149.5	157.3	164.8	172.2	181.1
157.5°	78.6	86.4	94.6	102.7	111.4	120.2	128.6	137.3	145.7	153.7	161.4
160°	70.6	77.4	84.9	92.3	99.7	107.3	114.6	121.7	129.0	136.0	142.6
162.5°	62.4	68.5	75.0	81.7	88.2	94.7	100.9	107.0	112.8	118.7	124.4
165°	54.1	59.5	64.8	70.7	76.5	82.1	87.6	92.7	97.6	102.2	107.3
167.5°	45.7	50.3	54.8	59.5	64.4	69.2	73.9	78.6	82.8	86.6	90.2
170°	37.2	41.0	44.7	48.3	52.0	55.9	59.8	63.6	67.2	70.8	74.4
172.5°	28.6	31.5	34.4	37.2	39.9	42.6	45.3	48.1	50.9	53.6	56.3
175°	19.9	21.9	23.8	25.7	27.6	29.4	31.2	32.9	34.6	36.2	37.8
177.5°	11.0	12.1	13.1	14.0	15.0	15.9	16.8	17.7	18.6	19.4	20.2
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: P231981

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

**CANDELA DISTRIBUTION (continued):**

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
0°	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1
2.5°	20.9	21.7	22.4	23.0	23.6	24.2	24.7	25.2	25.7	26.1	26.4
5°	39.5	41.1	42.7	44.2	45.6	46.9	48.1	49.3	50.3	51.3	52.2
7.5°	58.8	61.2	63.5	65.7	67.7	69.1	70.4	71.6	72.7	73.7	74.5
10°	76.9	79.5	81.9	84.1	86.2	88.1	89.9	91.6	93.1	94.5	95.7
12.5°	93.6	96.9	100.0	103.1	105.9	108.6	111.0	113.2	115.1	116.5	117.6
15°	111.2	115.5	119.5	123.3	126.7	129.5	132.1	134.2	136.1	137.6	138.9
17.5°	129.8	135.5	139.4	143.6	147.3	150.7	153.6	156.1	158.3	160.3	161.9
20°	148.8	154.6	159.9	164.6	168.6	172.2	175.5	178.1	180.1	181.9	183.6
22.5°	168.6	175.1	180.3	185.1	189.8	192.1	194.5	196.9	199.2	201.6	204.2
25°	188.3	194.5	201.2	203.2	205.9	208.5	210.7	213.1	215.9	219.1	222.8
27.5°	211.3	214.5	214.9	217.5	219.3	221.1	223.8	226.9	230.8	235.0	240.7
30°	234.9	235.4	235.1	233.2	231.2	231.4	234.9	239.0	246.2	253.6	261.5
32.5°	255.3	254.8	252.8	251.0	250.2	249.2	251.2	254.7	263.9	276.7	289.3
35°	274.2	272.1	270.4	269.6	269.8	273.0	275.9	284.1	291.5	303.4	320.0
37.5°	291.2	289.3	288.4	289.5	293.2	299.4	308.9	318.6	329.9	341.4	357.1
40°	307.8	306.7	307.7	311.9	320.0	330.8	343.9	357.5	375.0	395.2	416.6
42.5°	324.8	324.6	329.3	337.9	350.0	365.8	381.8	405.2	430.4	458.5	488.2
45°	341.1	345.4	353.0	366.3	383.9	402.5	429.5	457.6	492.0	526.7	563.6
47.5°	360.4	365.6	380.0	398.0	419.2	448.2	479.6	517.1	556.1	596.2	644.1
50°	382.1	391.2	407.9	431.8	461.1	494.2	534.4	576.0	621.1	672.3	728.3
52.5°	439.9	440.8	450.8	468.7	504.3	544.4	587.5	634.2	688.1	749.5	818.2
55°	498.0	498.7	509.4	529.6	558.9	593.9	637.4	693.1	756.5	829.7	902.7
57.5°	552.5	554.1	565.8	587.6	619.4	655.3	699.1	752.3	827.4	902.7	980.6
60°	604.6	604.7	619.3	643.9	675.8	713.2	762.7	828.7	897.8	967.6	1054.0
62.5°	655.3	655.3	669.3	695.0	727.8	770.8	827.9	897.5	967.7	1043.8	1128.3
65°	702.5	703.6	718.4	743.4	776.8	822.4	889.0	959.6	1034.6	1115.7	1207.2
67.5°	746.4	748.6	763.3	788.5	824.5	876.0	943.9	1016.0	1095.3	1180.6	1287.4
70°	790.4	791.1	804.4	829.9	867.1	924.8	993.8	1069.1	1148.9	1237.6	1361.1
72.5°	827.0	830.4	843.9	869.1	906.2	970.5	1038.4	1115.7	1191.9	1293.9	1414.4
75°	860.3	865.6	879.1	901.2	938.3	999.4	1074.4	1154.8	1224.6	1338.5	1459.6
77.5°	893.6	899.8	911.5	927.9	961.1	1018.6	1093.2	1172.9	1259.8	1373.8	1497.6
80°	926.8	933.2	941.5	950.1	977.6	1032.4	1107.4	1188.8	1286.0	1402.9	1538.2
82.5°	960.0	965.8	969.7	968.9	988.9	1041.4	1117.0	1202.3	1304.3	1425.1	1569.2
85°	993.2	998.0	996.5	985.4	996.4	1046.2	1122.3	1212.6	1315.1	1439.9	1590.1
87.5°	1026.3	1029.8	1022.5	1000.3	1001.5	1048.6	1125.2	1221.7	1321.9	1451.0	1605.8
90°	1059.2	1061.3	1048.6	1016.0	1005.4	1046.4	1120.7	1221.2	1316.7	1446.2	1600.4
92.5°	1026.3	1029.8	1022.5	1000.3	1001.5	1048.6	1125.2	1221.7	1321.9	1451.0	1605.8
95°	993.2	998.0	996.5	985.4	996.4	1046.2	1122.3	1212.6	1315.1	1439.9	1590.1
97.5°	960.0	965.8	969.7	968.9	988.9	1041.4	1117.0	1202.3	1304.3	1425.1	1569.2
100°	926.8	933.2	941.5	950.1	977.6	1032.4	1107.4	1188.8	1286.0	1402.9	1538.2
102.5°	893.6	899.8	911.5	927.9	961.1	1018.6	1093.2	1172.9	1259.8	1373.8	1497.6
105°	860.3	865.6	879.1	901.2	938.3	999.4	1074.4	1154.8	1224.6	1338.5	1459.6
107.5°	827.0	830.4	843.9	869.1	906.2	970.5	1038.4	1115.7	1191.9	1293.9	1414.4
110°	790.4	791.1	804.4	829.9	867.1	924.8	993.8	1069.1	1148.9	1237.6	1361.1



TEST NUMBER: P231981

CATALOG NUMBER: FVS4WM-4-LD4-35-2LO-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°	746.4	748.6	763.3	788.5	824.5	876.0	943.9	1016.0	1095.3	1180.6	1287.4
115°	702.5	703.6	718.4	743.4	776.8	822.4	889.0	959.6	1034.6	1115.7	1207.2
117.5°	655.3	655.3	669.3	695.0	727.8	770.8	827.8	897.5	967.7	1043.8	1128.3
120°	604.6	604.7	619.3	643.9	675.8	713.2	762.7	828.7	897.8	967.6	1054.0
122.5°	552.5	554.1	565.8	587.6	619.4	655.3	699.1	752.3	827.4	902.7	980.6
125°	498.0	498.7	509.4	529.6	558.9	593.9	637.4	693.1	756.5	829.7	902.7
127.5°	439.9	440.8	450.8	468.7	504.3	544.4	587.5	634.2	688.1	749.5	818.2
130°	382.1	391.2	407.9	431.8	461.1	494.2	534.4	576.0	621.1	672.3	728.3
132.5°	360.4	365.6	380.0	398.0	419.2	448.2	479.6	517.1	556.1	596.2	644.1
135°	341.1	345.4	353.0	366.3	383.9	402.5	429.5	457.6	492.0	526.7	563.6
137.5°	324.8	324.6	329.3	337.9	350.0	365.8	381.8	405.2	430.4	458.5	488.2
140°	307.8	306.7	307.7	311.9	320.0	330.8	343.9	357.5	375.0	395.2	416.6
142.5°	291.2	289.3	288.4	289.5	293.2	299.4	308.9	318.6	329.9	341.4	357.1
145°	274.2	272.1	270.4	269.6	269.8	273.0	275.9	284.1	291.5	303.4	320.0
147.5°	255.3	254.8	252.8	251.0	250.2	249.2	251.2	254.7	263.9	276.7	289.3
150°	234.9	235.4	235.1	233.2	231.2	231.4	234.9	239.0	246.2	253.6	261.5
152.5°	211.3	214.5	214.9	217.5	219.3	221.1	223.8	226.9	230.8	235.0	240.7
155°	188.3	194.5	201.2	203.2	205.9	208.5	210.7	213.1	215.9	219.1	222.8
157.5°	168.6	175.1	180.3	185.1	189.8	192.1	194.5	196.9	199.2	201.6	204.2
160°	148.8	154.6	159.9	164.6	168.6	172.2	175.5	178.1	180.1	181.9	183.6
162.5°	129.8	135.5	139.4	143.6	147.3	150.7	153.6	156.1	158.3	160.3	161.9
165°	111.2	115.5	119.5	123.3	126.7	129.5	132.1	134.2	136.1	137.6	138.9
167.5°	93.6	96.9	100.0	103.1	105.9	108.6	111.0	113.2	115.1	116.5	117.6
170°	76.9	79.5	81.9	84.1	86.2	88.1	89.9	91.6	93.1	94.5	95.7
172.5°	58.8	61.2	63.5	65.7	67.7	69.1	70.4	71.6	72.7	73.7	74.5
175°	39.5	41.1	42.7	44.2	45.6	46.9	48.1	49.3	50.3	51.3	52.2
177.5°	20.9	21.7	22.4	23.0	23.6	24.2	24.7	25.2	25.7	26.1	26.4
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: P231981

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**CANDELA DISTRIBUTION (continued):**

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
0°	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1
2.5°	26.8	27.0	27.3	27.4	27.6	27.7	28.5	28.3	28.0	27.7	27.4
5°	53.0	53.7	54.3	54.8	55.1	55.4	55.6	55.7	56.5	56.0	55.5
7.5°	75.2	75.7	76.2	76.5	76.6	76.7	76.6	76.4	76.1	76.1	75.3
10°	96.7	97.5	98.1	98.5	98.7	98.8	98.7	98.3	97.8	97.9	96.6
12.5°	118.5	119.1	119.4	119.5	119.3	119.0	118.3	117.5	116.5	115.2	114.1
15°	140.0	140.8	141.3	141.6	141.6	141.3	140.7	139.9	138.7	137.3	136.2
17.5°	163.1	164.1	164.9	165.5	165.9	166.1	166.0	165.6	165.0	164.0	163.5
20°	185.2	186.8	188.6	190.3	191.9	193.3	194.5	195.5	196.1	196.4	197.3
22.5°	206.8	209.5	212.4	215.2	217.9	220.4	222.6	224.6	226.3	227.6	229.5
25°	226.6	230.4	234.4	239.3	244.0	248.3	252.3	255.8	258.9	261.4	263.4
27.5°	247.1	253.5	259.7	266.9	274.9	282.3	289.1	295.2	300.5	304.9	308.5
30°	271.7	282.5	292.8	302.8	314.3	325.2	335.3	344.6	353.0	360.2	366.3
32.5°	302.4	317.1	331.5	345.6	361.3	377.3	392.0	405.2	416.8	426.7	434.9
35°	336.6	357.7	379.5	400.1	420.5	443.1	463.7	482.2	498.3	512.1	523.3
37.5°	383.0	409.6	440.3	469.4	496.6	523.7	548.5	570.6	589.7	605.8	618.9
40°	442.4	475.7	512.3	547.6	580.4	612.0	641.3	666.2	686.7	703.0	715.2
42.5°	520.1	551.9	592.2	637.1	677.0	712.5	745.5	772.8	794.5	810.9	822.2
45°	602.0	647.1	690.8	741.0	787.2	831.7	863.8	894.8	919.2	937.4	949.2
47.5°	694.2	749.0	803.6	857.7	910.5	956.3	999.7	1039.3	1071.3	1095.7	1112.2
50°	791.6	854.0	917.8	980.7	1049.6	1107.4	1159.4	1207.5	1247.2	1278.2	1300.0
52.5°	887.2	956.9	1033.7	1112.5	1195.2	1271.6	1333.0	1391.8	1444.6	1490.0	1526.3
55°	977.7	1061.6	1150.0	1244.8	1339.8	1433.8	1511.9	1574.4	1630.7	1681.4	1724.7
57.5°	1067.1	1163.1	1265.0	1373.6	1485.8	1571.4	1653.9	1722.5	1785.8	1845.0	1897.8
60°	1152.6	1260.0	1378.9	1492.2	1595.8	1687.6	1769.6	1846.0	1916.0	1979.8	2036.1
62.5°	1231.5	1357.5	1480.2	1596.3	1695.4	1788.3	1872.5	1953.5	2021.7	2085.1	2142.0
65°	1323.0	1443.9	1570.5	1680.2	1780.4	1874.4	1957.5	2034.4	2108.9	2176.0	2232.2
67.5°	1408.4	1532.7	1644.0	1749.3	1849.8	1941.6	2030.8	2117.2	2194.9	2257.9	2311.4
70°	1481.1	1604.7	1714.2	1809.5	1904.2	2003.4	2099.6	2184.7	2265.4	2337.6	2389.9
72.5°	1541.9	1668.8	1772.2	1867.0	1960.6	2055.9	2151.4	2244.4	2339.3	2414.4	2457.1
75°	1596.4	1714.9	1817.9	1916.2	2014.1	2104.8	2194.5	2290.1	2377.4	2461.2	2512.1
77.5°	1640.8	1753.4	1854.0	1955.9	2053.9	2147.8	2235.6	2312.1	2413.5	2498.4	2555.6
80°	1672.1	1780.6	1880.8	1983.9	2083.4	2182.9	2267.2	2355.3	2449.5	2533.7	2575.9
82.5°	1698.1	1804.3	1906.2	2006.3	2102.9	2199.1	2290.7	2382.3	2483.8	2550.7	2591.4
85°	1716.0	1819.0	1922.6	2021.7	2117.7	2218.1	2303.3	2394.3	2492.2	2564.1	2601.9
87.5°	1730.1	1824.7	1929.2	2026.2	2120.4	2228.6	2310.7	2407.3	2504.9	2577.6	2606.2
90°	1725.7	1821.9	1925.9	2020.0	2111.3	2225.9	2305.1	2400.7	2503.3	2580.4	2598.1
92.5°	1730.1	1824.7	1929.2	2026.2	2120.4	2228.6	2310.7	2407.3	2504.9	2577.6	2606.2
95°	1716.0	1819.0	1922.6	2021.7	2117.7	2218.1	2303.3	2394.3	2492.2	2564.1	2601.9
97.5°	1698.1	1804.3	1906.2	2006.3	2102.9	2199.1	2290.7	2382.3	2483.8	2550.7	2591.4
100°	1672.1	1780.6	1880.8	1983.9	2083.4	2182.9	2267.2	2355.3	2449.5	2533.7	2575.9
102.5°	1640.8	1753.4	1854.0	1955.9	2053.9	2147.8	2235.6	2312.1	2413.5	2498.4	2555.6
105°	1596.4	1714.9	1817.9	1916.2	2014.1	2104.8	2194.5	2290.1	2377.4	2461.2	2512.1
107.5°	1541.9	1668.8	1772.2	1867.0	1960.6	2055.9	2151.4	2244.4	2339.3	2414.4	2457.1
110°	1481.1	1604.7	1714.2	1809.5	1904.2	2003.4	2099.6	2184.7	2265.4	2337.6	2389.9



TEST NUMBER: P231981

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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°	1408.4	1532.7	1644.0	1749.3	1849.8	1941.6	2030.8	2117.2	2194.9	2257.9	2311.4
115°	1323.0	1443.9	1570.5	1680.2	1780.4	1874.4	1957.5	2034.4	2108.9	2176.0	2232.2
117.5°	1231.5	1357.5	1480.2	1596.3	1695.4	1788.3	1872.5	1953.5	2021.7	2085.1	2142.0
120°	1152.6	1260.0	1378.9	1492.2	1595.8	1687.6	1769.6	1846.0	1916.0	1979.8	2036.1
122.5°	1067.1	1163.1	1265.0	1373.6	1485.8	1571.4	1653.9	1722.5	1785.8	1845.0	1897.8
125°	977.7	1061.6	1150.0	1244.8	1339.8	1433.8	1511.9	1574.4	1630.7	1681.4	1724.7
127.5°	887.2	956.9	1033.7	1112.5	1195.2	1271.6	1333.0	1391.8	1444.6	1490.0	1526.2
130°	791.6	854.0	917.8	980.7	1049.6	1107.4	1159.4	1207.5	1247.2	1278.2	1300.0
132.5°	694.2	749.0	803.6	857.7	910.5	956.3	999.7	1039.3	1071.3	1095.7	1112.2
135°	602.0	647.1	690.8	741.0	787.2	831.7	863.8	894.8	919.2	937.4	949.2
137.5°	520.1	551.9	592.2	637.1	677.0	712.5	745.5	772.8	794.5	810.9	822.2
140°	442.4	475.7	512.3	547.6	580.4	612.0	641.3	666.2	686.7	703.0	715.2
142.5°	383.0	409.6	440.3	469.4	496.6	523.7	548.5	570.6	589.7	605.8	618.9
145°	336.6	357.7	379.5	400.1	420.5	443.1	463.7	482.2	498.3	512.1	523.3
147.5°	302.4	317.1	331.5	345.6	361.3	377.3	392.0	405.2	416.8	426.7	434.9
150°	271.7	282.5	292.8	302.8	314.3	325.2	335.3	344.6	353.0	360.2	366.3
152.5°	247.1	253.5	259.7	266.9	274.9	282.3	289.1	295.2	300.5	304.9	308.5
155°	226.6	230.4	234.4	239.3	244.0	248.3	252.3	255.8	258.9	261.4	263.4
157.5°	206.8	209.5	212.4	215.2	217.9	220.4	222.6	224.6	226.3	227.6	229.5
160°	185.2	186.8	188.6	190.3	191.9	193.3	194.5	195.5	196.1	196.4	197.3
162.5°	163.1	164.1	164.9	165.5	165.9	166.1	166.0	165.6	165.0	164.0	163.5
165°	140.0	140.8	141.3	141.6	141.6	141.3	140.7	139.9	138.7	137.3	136.2
167.5°	118.5	119.1	119.4	119.5	119.3	119.0	118.3	117.5	116.5	115.2	114.1
170°	96.7	97.5	98.1	98.5	98.7	98.8	98.7	98.3	97.8	97.9	96.6
172.5°	75.2	75.7	76.2	76.5	76.6	76.7	76.6	76.4	76.1	76.1	75.3
175°	53.0	53.7	54.3	54.8	55.1	55.4	55.6	55.7	56.5	56.0	55.5
177.5°	26.8	27.0	27.3	27.4	27.6	27.7	28.5	28.3	28.0	27.7	27.4
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):**

	357.5°	360°
0°	2.1	2.1
2.5°	27.2	26.9
5°	55.0	54.5
7.5°	74.4	73.6
10°	95.4	94.1
12.5°	112.3	110.4
15°	133.9	131.6
17.5°	161.4	159.2
20°	196.0	194.6
22.5°	229.0	228.5
25°	265.0	265.3
27.5°	311.6	312.7
30°	371.8	374.3
32.5°	442.2	445.7
35°	533.2	537.7
37.5°	630.4	635.4
40°	725.2	728.1
42.5°	830.8	830.6
45°	957.9	955.2
47.5°	1124.7	1121.4
50°	1317.2	1314.6
52.5°	1558.5	1564.4
55°	1765.0	1780.9
57.5°	1948.4	1975.4
60°	2089.0	2121.2
62.5°	2191.4	2232.3
65°	2278.3	2315.1
67.5°	2355.5	2390.8
70°	2428.2	2455.1
72.5°	2487.2	2506.8
75°	2532.9	2542.9
77.5°	2576.4	2590.3
80°	2597.1	2608.0
82.5°	2618.7	2632.7
85°	2625.9	2637.7
87.5°	2619.5	2648.3
90°	2617.2	2637.0
92.5°	2619.5	2648.3
95°	2625.9	2637.7
97.5°	2618.7	2632.7
100°	2597.1	2608.0
102.5°	2576.4	2590.3
105°	2532.9	2542.9
107.5°	2487.2	2506.8
110°	2428.2	2455.1





TEST NUMBER: P231981

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

**CANDELA DISTRIBUTION (continued):**

	357.5°	360°
112.5°	2355.5	2390.8
115°	2278.3	2315.1
117.5°	2191.4	2232.3
120°	2089.0	2121.2
122.5°	1948.4	1975.4
125°	1765.0	1780.9
127.5°	1558.5	1564.4
130°	1317.2	1314.6
132.5°	1124.7	1121.4
135°	957.9	955.2
137.5°	830.8	830.6
140°	725.2	728.1
142.5°	630.4	635.4
145°	533.2	537.7
147.5°	442.2	445.7
150°	371.8	374.3
152.5°	311.6	312.7
155°	265.0	265.3
157.5°	229.0	228.5
160°	196.0	194.6
162.5°	161.4	159.2
165°	133.9	131.6
167.5°	112.3	110.4
170°	95.4	94.1
172.5°	74.4	73.6
175°	55.0	54.5
177.5°	27.2	26.9
180°	2.0	2.0

(END OF REPORT)