

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: P231985

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

Issue Date: 3/3/2020



Test Information

Test Method: LM-79-08
Report Number: P231985
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-LD4-35-2STD-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

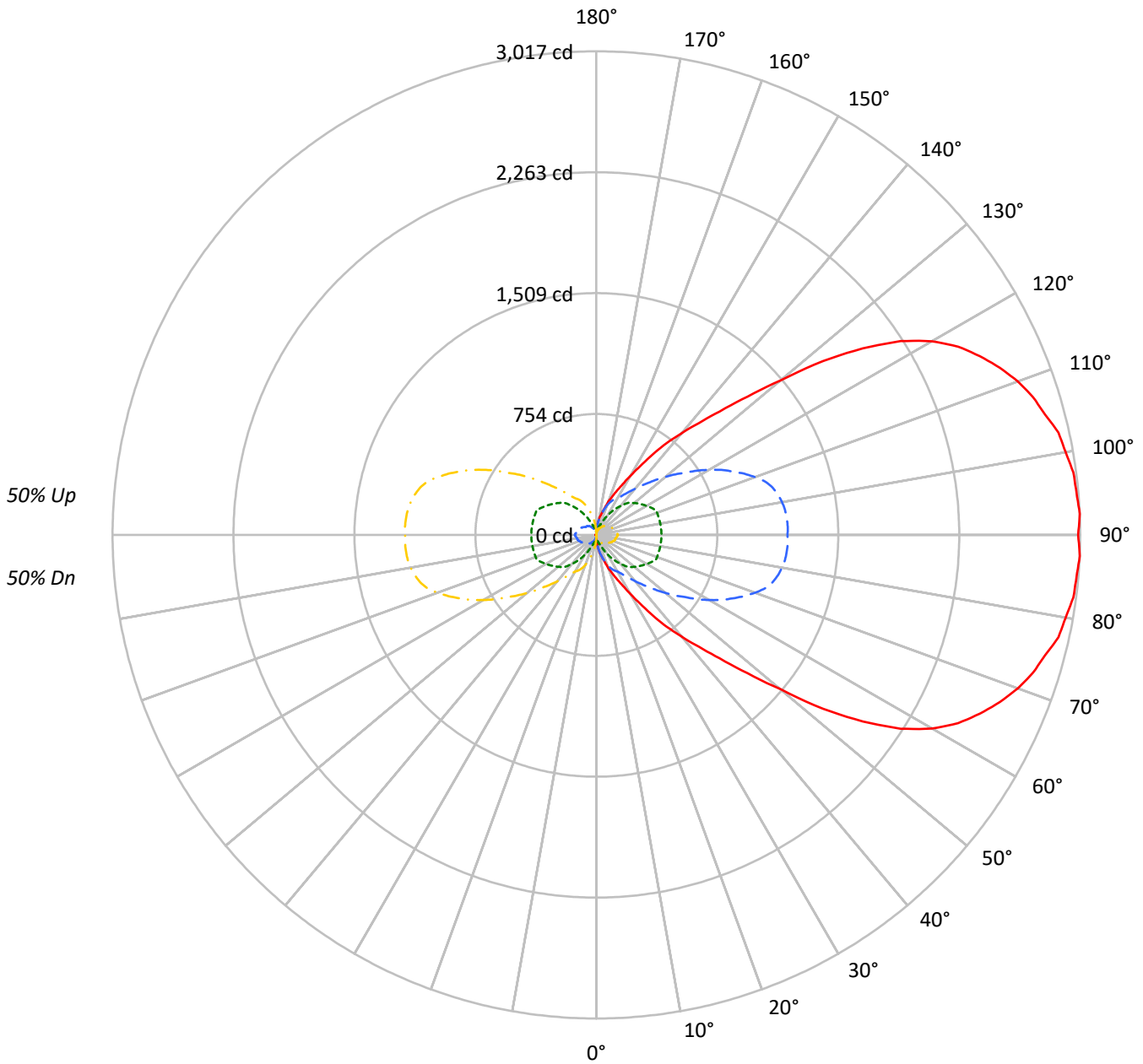
Lumens per Lamp: N/A
Luminaire Lumens: 6980.8 lumens
Efficiency: N/A
Efficacy: 103.4 lumens/watt
Spacing Criteria (0/90/45): 21.46 / 13.77 / 14.64
Luminous Opening: Rectangular w/ Sides (W: 3.79' x L: 0.19' x H: 0.31')
CIE Type: General Diffuse

Input Watts (W): 67.5
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°	36	36	36	36
5°	824	272	32	272
10°	1274	509	19	509
15°	1624	753	26	753
20°	2223	1012	24	1012
25°	2842	1543	23	1543
30°	3799	2380	21	2380
35°	5225	3310	20	3310
40°	6835	4365	20	4365
45°	8738	5596	26	5596
50°	11813	6636	25	6636
55°	15845	7933	25	7933
60°	18828	9603	25	9603
65°	20658	11840	25	11840
70°	22194	14535	25	14535
75°	23473	18056	32	18056
80°	24786	24034	0	24034
85°	26038	36263	0	36263



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	3.6	0.1
10°-20°	23.4	0.3
20°-30°	64.5	0.9
30°-40°	142.5	2.0
40°-50°	276.0	4.0
50°-60°	485.2	7.0
60°-70°	704.7	10.1
70°-80°	858.0	12.3
80°-90°	932.6	13.4
90°-100°	932.6	13.4
100°-110°	858.0	12.3
110°-120°	704.7	10.1
120°-130°	485.2	7.0
130°-140°	276.0	4.0
140°-150°	142.5	2.0
150°-160°	64.5	0.9
160°-170°	23.4	0.3
170°-180°	3.6	0.1
0°-30°	91.4	1.3
0°-40°	234.0	3.4
0°-60°	995.1	14.3
0°-90°	3490.4	50.0
90°-120°	2495.3	35.7
90°-150°	3399.0	48.7
90°-180°	3490.0	50.0
0°-180°	6980.8	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	2	2	2	2	2	
5°	62	18	2	18	62	7
15°	150	49	2	49	150	46
25°	302	96	2	96	302	147
35°	613	189	2	189	613	393
45°	1088	283	3	283	1088	874
55°	2029	336	3	336	2029	1807
65°	2638	389	3	389	2638	2611
75°	2897	404	4	404	2897	3066
85°	3005	405	0	405	3005	2451
90°	3004	406	0	406	3004	1650
95°	3005	405	0	405	3005	2451
105°	2897	404	4	404	2897	3066
115°	2638	389	3	389	2638	2611
125°	2029	336	3	336	2029	1807
135°	1088	283	3	283	1088	874
145°	613	189	2	189	613	393
155°	302	96	2	96	302	147
165°	150	49	2	49	150	46
175°	62	18	2	18	62	7
180°	2	2	2	2	2	



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CANDELA DISTRIBUTION (FULL):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
0°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
2.5°	30.6	30.9	31.2	31.5	31.8	32.2	32.5	31.5	31.4	31.2	31.0
5°	62.1	62.7	63.2	63.8	64.4	63.5	63.4	63.2	62.8	62.4	61.8
7.5°	83.8	84.8	85.7	86.7	86.6	87.0	87.2	87.3	87.3	87.1	86.7
10°	107.2	108.6	110.1	111.5	111.5	112.0	112.4	112.5	112.5	112.2	111.7
12.5°	125.8	127.9	130.0	131.3	132.7	133.9	134.8	135.5	136.0	136.1	136.0
15°	149.9	152.5	155.1	156.5	158.0	159.3	160.3	161.0	161.3	161.3	161.0
17.5°	181.4	183.9	186.3	186.9	188.0	188.7	189.1	189.2	189.0	188.6	187.9
20°	221.7	223.3	224.8	223.8	223.5	222.7	221.7	220.3	218.7	216.9	214.9
22.5°	260.4	261.0	261.6	259.3	257.9	256.0	253.7	251.1	248.2	245.2	242.0
25°	302.3	302.0	300.1	297.9	295.0	291.5	287.4	282.9	278.0	272.7	267.1
27.5°	356.3	355.1	351.5	347.4	342.3	336.3	329.4	321.7	313.2	304.1	295.9
30°	426.4	423.5	417.3	410.4	402.1	392.6	382.0	370.5	358.1	345.0	333.6
32.5°	507.8	503.9	495.5	486.2	474.9	461.6	446.6	429.9	411.6	393.7	377.7
35°	612.6	607.5	596.2	583.4	567.8	549.4	528.4	504.9	479.1	455.8	432.3
37.5°	723.9	718.2	705.1	690.3	671.9	650.1	624.9	596.6	565.7	534.7	501.7
40°	829.5	826.2	814.8	800.9	782.4	759.0	730.7	697.3	661.2	623.9	583.7
42.5°	946.4	946.6	936.8	923.9	905.3	880.4	849.3	811.7	771.3	725.9	674.8
45°	1088.2	1091.2	1081.4	1067.9	1047.3	1019.4	984.2	947.6	896.9	844.3	787.0
47.5°	1277.7	1281.5	1267.2	1248.4	1220.6	1184.0	1139.0	1089.5	1037.3	977.2	915.6
50°	1497.7	1500.7	1481.1	1456.3	1421.0	1375.7	1320.9	1261.7	1195.8	1117.3	1045.6
52.5°	1782.3	1775.5	1738.8	1697.6	1645.9	1585.7	1518.7	1448.8	1361.8	1267.5	1177.8
55°	2029.0	2010.9	1964.9	1915.6	1857.8	1793.7	1722.5	1633.5	1526.5	1418.2	1310.2
57.5°	2250.6	2219.9	2162.2	2102.0	2034.6	1962.5	1884.3	1790.3	1692.8	1564.9	1441.2
60°	2416.7	2380.0	2319.7	2255.6	2183.0	2103.2	2016.2	1922.7	1818.1	1700.1	1571.0
62.5°	2543.3	2496.7	2440.4	2375.6	2303.3	2225.7	2133.4	2037.5	1931.6	1818.6	1686.4
65°	2637.6	2595.6	2543.2	2479.1	2402.7	2317.7	2230.2	2135.5	2028.4	1914.3	1789.3
67.5°	2723.8	2683.6	2633.4	2572.5	2500.7	2412.2	2313.7	2212.1	2107.4	1993.0	1873.0
70°	2797.2	2766.5	2722.8	2663.2	2581.0	2489.1	2392.1	2282.5	2169.5	2061.5	1952.9
72.5°	2856.0	2833.7	2799.4	2750.7	2665.1	2557.1	2451.1	2342.3	2233.8	2127.1	2019.0
75°	2897.1	2885.7	2862.1	2804.1	2708.6	2609.2	2500.3	2398.1	2294.8	2183.1	2071.1
77.5°	2951.1	2935.3	2911.7	2846.5	2749.7	2634.1	2547.1	2447.1	2340.0	2228.4	2112.3
80°	2971.3	2958.9	2934.8	2886.7	2790.7	2683.4	2583.0	2487.0	2373.7	2260.3	2142.9
82.5°	2999.5	2983.6	2952.4	2906.1	2829.9	2714.2	2609.9	2505.4	2395.8	2285.9	2171.9
85°	3005.2	2991.7	2964.4	2921.3	2839.4	2727.8	2624.2	2527.1	2412.6	2303.4	2190.5
87.5°	3017.2	2984.5	2969.3	2936.6	2853.9	2742.7	2632.7	2539.0	2415.7	2308.5	2197.9
90°	3004.4	2981.8	2960.0	2939.9	2852.0	2735.1	2626.3	2536.0	2405.4	2301.4	2194.2
92.5°	3017.2	2984.5	2969.3	2936.6	2853.9	2742.7	2632.7	2539.0	2415.7	2308.5	2197.9
95°	3005.2	2991.7	2964.4	2921.3	2839.4	2727.8	2624.2	2527.1	2412.6	2303.4	2190.5
97.5°	2999.5	2983.6	2952.4	2906.1	2829.9	2714.2	2609.9	2505.4	2395.8	2285.9	2171.9
100°	2971.3	2958.9	2934.8	2886.7	2790.7	2683.4	2583.0	2487.0	2373.7	2260.3	2142.9
102.5°	2951.1	2935.3	2911.7	2846.5	2749.7	2634.1	2547.1	2447.1	2340.0	2228.4	2112.3
105°	2897.1	2885.7	2862.1	2804.1	2708.6	2609.2	2500.3	2398.1	2294.8	2183.1	2071.1
107.5°	2856.0	2833.7	2799.4	2750.7	2665.1	2557.1	2451.1	2342.3	2233.8	2127.1	2019.0
110°	2797.2	2766.5	2722.8	2663.2	2581.0	2489.1	2392.1	2282.5	2169.5	2061.5	1952.9



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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°	2723.8	2683.6	2633.4	2572.5	2500.7	2412.2	2313.7	2212.1	2107.4	1993.0	1873.0
115°	2637.6	2595.6	2543.2	2479.1	2402.7	2317.7	2230.2	2135.5	2028.4	1914.3	1789.3
117.5°	2543.3	2496.7	2440.4	2375.6	2303.3	2225.7	2133.4	2037.5	1931.6	1818.6	1686.4
120°	2416.7	2380.0	2319.7	2255.6	2183.0	2103.2	2016.2	1922.7	1818.1	1700.1	1571.0
122.5°	2250.6	2219.9	2162.2	2102.0	2034.6	1962.5	1884.3	1790.3	1692.8	1564.9	1441.2
125°	2029.0	2010.9	1964.9	1915.6	1857.8	1793.7	1722.5	1633.5	1526.5	1418.2	1310.2
127.5°	1782.3	1775.5	1738.8	1697.6	1645.9	1585.7	1518.7	1448.8	1361.8	1267.5	1177.8
130°	1497.7	1500.7	1481.1	1456.3	1421.0	1375.7	1320.9	1261.7	1195.8	1117.3	1045.6
132.5°	1277.7	1281.5	1267.2	1248.4	1220.6	1184.0	1139.0	1089.5	1037.3	977.2	915.6
135°	1088.2	1091.2	1081.4	1067.9	1047.3	1019.4	984.2	947.6	896.9	844.3	787.0
137.5°	946.4	946.6	936.8	923.9	905.3	880.4	849.3	811.7	771.3	725.9	674.8
140°	829.5	826.2	814.8	800.9	782.4	759.0	730.7	697.3	661.2	623.9	583.7
142.5°	723.9	718.2	705.1	690.3	671.9	650.1	624.9	596.6	565.7	534.7	501.7
145°	612.6	607.5	596.2	583.4	567.8	549.4	528.4	504.9	479.1	455.8	432.3
147.5°	507.8	503.9	495.5	486.2	474.9	461.6	446.6	429.9	411.6	393.7	377.7
150°	426.4	423.5	417.3	410.4	402.1	392.6	382.0	370.5	358.1	345.0	333.6
152.5°	356.3	355.1	351.5	347.4	342.3	336.3	329.4	321.7	313.2	304.1	295.9
155°	302.3	302.0	300.1	297.9	295.0	291.5	287.4	282.9	278.0	272.7	267.1
157.5°	260.4	261.0	261.6	259.3	257.9	256.0	253.7	251.1	248.2	245.2	242.0
160°	221.7	223.3	224.8	223.8	223.5	222.7	221.7	220.3	218.7	216.9	214.9
162.5°	181.4	183.9	186.3	186.9	188.0	188.7	189.1	189.2	189.0	188.6	187.9
165°	149.9	152.5	155.1	156.5	158.0	159.3	160.3	161.0	161.3	161.3	161.0
167.5°	125.8	127.9	130.0	131.3	132.7	133.9	134.8	135.5	136.0	136.1	136.0
170°	107.2	108.6	110.1	111.5	111.5	112.0	112.4	112.5	112.5	112.2	111.7
172.5°	83.8	84.8	85.7	86.7	86.6	87.0	87.2	87.3	87.3	87.1	86.7
175°	62.1	62.7	63.2	63.8	64.4	63.5	63.4	63.2	62.8	62.4	61.8
177.5°	30.6	30.9	31.2	31.5	31.8	32.2	32.5	31.5	31.4	31.2	31.0
180°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0



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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°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
2.5°	30.8	30.4	30.1	29.7	29.2	28.7	28.1	27.5	26.9	26.2	25.4
5°	61.1	60.4	59.5	58.5	57.3	56.1	54.8	53.4	51.9	50.3	48.6
7.5°	86.2	85.6	84.8	83.9	82.8	81.6	80.3	78.8	77.1	74.9	72.4
10°	111.0	110.1	109.0	107.6	106.0	104.3	102.4	100.4	98.2	95.8	93.3
12.5°	135.6	135.0	134.0	132.8	131.1	128.9	126.4	123.7	120.7	117.4	113.9
15°	160.4	159.5	158.3	156.8	155.1	153.0	150.5	147.6	144.4	140.4	136.1
17.5°	186.9	185.8	184.4	182.6	180.4	177.9	175.0	171.7	167.8	163.6	158.8
20°	212.9	211.0	209.2	207.2	205.1	202.9	199.9	196.2	192.0	187.5	182.1
22.5°	238.7	235.6	232.6	229.7	226.9	224.3	221.6	218.9	216.2	210.9	205.4
25°	262.6	258.2	253.8	249.6	246.0	242.8	240.0	237.5	234.5	231.6	229.2
27.5°	288.8	281.5	274.2	267.8	263.0	258.5	255.0	251.9	249.8	247.8	244.9
30°	321.8	309.6	297.9	288.9	280.5	272.3	267.7	263.6	263.4	265.8	267.9
32.5°	361.2	344.5	329.5	315.2	300.6	290.1	286.2	283.9	285.1	286.0	288.1
35°	407.5	383.5	364.5	345.7	332.1	323.6	314.3	311.0	307.4	307.2	308.1
37.5°	466.6	436.4	406.8	388.9	375.9	363.0	351.9	341.0	334.0	329.8	328.6
40°	542.0	504.0	474.7	450.2	427.3	407.3	391.8	376.9	364.5	355.4	350.5
42.5°	628.8	592.5	556.1	522.4	490.3	461.6	435.0	416.7	398.7	384.9	375.1
45°	737.3	685.9	642.1	600.0	560.5	521.3	489.4	458.6	437.4	417.3	402.1
47.5°	853.3	790.9	733.8	679.3	633.5	589.2	546.5	510.6	477.7	453.4	432.9
50°	972.9	901.8	829.8	766.0	707.6	656.2	608.9	563.1	525.4	491.9	464.6
52.5°	1090.2	1010.8	932.1	853.9	784.0	722.6	669.4	620.2	574.6	534.1	513.6
55°	1209.5	1113.9	1028.4	945.2	861.9	789.6	726.3	676.6	636.8	603.5	580.4
57.5°	1325.2	1215.7	1117.3	1028.5	942.6	857.1	796.5	746.6	705.7	669.4	644.6
60°	1435.6	1313.2	1200.8	1102.5	1022.9	944.1	869.0	812.6	769.9	733.6	705.6
62.5°	1546.6	1403.1	1285.5	1189.2	1102.5	1022.5	943.1	878.2	829.2	791.9	762.6
65°	1645.1	1507.3	1375.5	1271.1	1178.7	1093.3	1012.8	936.9	885.0	847.0	818.5
67.5°	1746.2	1604.7	1466.8	1345.2	1247.9	1157.6	1075.3	998.0	939.3	898.3	869.7
70°	1828.3	1687.4	1550.7	1410.0	1309.0	1218.1	1132.3	1053.6	987.9	945.5	916.5
72.5°	1901.2	1756.7	1611.4	1474.2	1358.0	1271.2	1183.1	1105.7	1032.4	990.1	961.6
75°	1953.8	1818.8	1662.9	1525.0	1395.3	1315.7	1224.1	1138.6	1068.9	1026.7	1001.6
77.5°	1997.7	1869.4	1706.2	1565.2	1435.4	1336.4	1245.5	1160.5	1094.9	1057.1	1038.5
80°	2028.7	1905.1	1752.5	1598.4	1465.2	1354.4	1261.7	1176.2	1113.7	1082.4	1072.7
82.5°	2055.7	1934.6	1787.8	1623.6	1486.1	1369.8	1272.7	1186.5	1126.7	1103.9	1104.7
85°	2072.4	1955.1	1811.6	1640.5	1498.4	1381.6	1278.7	1192.0	1135.2	1122.7	1135.3
87.5°	2079.0	1971.1	1829.6	1653.2	1506.1	1391.9	1282.1	1194.7	1141.0	1139.7	1164.9
90°	2075.7	1966.1	1823.4	1647.7	1500.2	1391.3	1276.9	1192.2	1145.5	1157.6	1194.6
92.5°	2079.0	1971.1	1829.6	1653.2	1506.1	1391.9	1282.1	1194.7	1141.0	1139.7	1164.9
95°	2072.4	1955.1	1811.6	1640.5	1498.4	1381.6	1278.7	1192.0	1135.2	1122.7	1135.3
97.5°	2055.7	1934.6	1787.8	1623.6	1486.1	1369.8	1272.7	1186.5	1126.7	1103.9	1104.7
100°	2028.7	1905.1	1752.5	1598.4	1465.2	1354.4	1261.7	1176.2	1113.7	1082.4	1072.7
102.5°	1997.7	1869.4	1706.2	1565.2	1435.4	1336.4	1245.5	1160.5	1094.9	1057.1	1038.5
105°	1953.8	1818.8	1662.9	1525.0	1395.3	1315.7	1224.1	1138.6	1068.9	1026.7	1001.6
107.5°	1901.2	1756.7	1611.4	1474.2	1358.0	1271.2	1183.1	1105.7	1032.4	990.1	961.6
110°	1828.3	1687.4	1550.7	1410.0	1309.0	1218.1	1132.3	1053.6	987.9	945.5	916.5



TEST NUMBER: P231985

CATALOG NUMBER: FVS4WM-4-LD4-35-2STD-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°	1746.2	1604.7	1466.8	1345.2	1247.9	1157.6	1075.3	998.0	939.3	898.3	869.7
115°	1645.1	1507.3	1375.5	1271.1	1178.7	1093.3	1012.8	936.9	885.0	847.0	818.5
117.5°	1546.6	1403.1	1285.5	1189.2	1102.5	1022.5	943.1	878.2	829.2	791.9	762.6
120°	1435.6	1313.2	1200.8	1102.5	1022.9	944.1	869.0	812.6	769.9	733.6	705.6
122.5°	1325.2	1215.7	1117.3	1028.5	942.6	857.1	796.5	746.6	705.7	669.4	644.6
125°	1209.5	1113.9	1028.4	945.2	861.9	789.6	726.3	676.6	636.8	603.5	580.4
127.5°	1090.2	1010.8	932.1	853.9	784.0	722.6	669.4	620.2	574.6	534.1	513.6
130°	972.9	901.8	829.8	766.0	707.6	656.2	608.9	563.1	525.4	491.9	464.6
132.5°	853.3	790.9	733.8	679.3	633.5	589.2	546.5	510.6	477.7	453.4	432.9
135°	737.3	685.9	642.1	600.0	560.5	521.3	489.4	458.6	437.4	417.3	402.1
137.5°	628.8	592.5	556.1	522.4	490.3	461.6	435.0	416.7	398.7	384.9	375.1
140°	542.0	504.0	474.7	450.2	427.3	407.3	391.8	376.9	364.5	355.4	350.5
142.5°	466.6	436.4	406.8	388.9	375.9	363.0	351.9	341.0	334.0	329.8	328.6
145°	407.5	383.5	364.5	345.7	332.1	323.6	314.3	311.0	307.4	307.2	308.1
147.5°	361.2	344.5	329.5	315.2	300.6	290.1	286.2	283.9	285.1	286.0	288.1
150°	321.8	309.6	297.9	288.9	280.5	272.3	267.7	263.6	263.4	265.8	267.9
152.5°	288.8	281.5	274.2	267.8	263.0	258.5	255.0	251.9	249.8	247.8	244.9
155°	262.6	258.2	253.8	249.6	246.0	242.8	240.0	237.5	234.5	231.6	229.2
157.5°	238.7	235.6	232.6	229.7	226.9	224.3	221.6	218.9	216.2	210.9	205.4
160°	212.9	211.0	209.2	207.2	205.1	202.9	199.9	196.2	192.0	187.5	182.1
162.5°	186.9	185.8	184.4	182.6	180.4	177.9	175.0	171.7	167.8	163.6	158.8
165°	160.4	159.5	158.3	156.8	155.1	153.0	150.5	147.6	144.4	140.4	136.1
167.5°	135.6	135.0	134.0	132.8	131.1	128.9	126.4	123.7	120.7	117.4	113.9
170°	111.0	110.1	109.0	107.6	106.0	104.3	102.4	100.4	98.2	95.8	93.3
172.5°	86.2	85.6	84.8	83.9	82.8	81.6	80.3	78.8	77.1	74.9	72.4
175°	61.1	60.4	59.5	58.5	57.3	56.1	54.8	53.4	51.9	50.3	48.6
177.5°	30.8	30.4	30.1	29.7	29.2	28.7	28.1	27.5	26.9	26.2	25.4
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: P231985

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

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
2.5°	24.7	23.8	23.0	22.1	21.1	20.2	19.2	18.1	17.1	16.0	14.9
5°	46.8	44.9	43.0	41.2	39.4	37.5	35.5	33.5	31.4	29.3	27.1
7.5°	69.7	67.0	64.1	61.1	58.0	54.8	51.5	48.5	45.4	42.3	39.1
10°	90.6	87.7	84.8	80.6	76.6	72.4	68.1	63.7	59.2	55.0	50.9
12.5°	110.3	106.7	102.7	98.6	94.3	89.5	84.2	78.9	73.3	67.7	62.4
15°	131.5	126.6	122.2	116.5	111.1	105.6	99.9	93.6	87.1	80.5	73.8
17.5°	154.4	147.9	141.7	135.2	128.5	121.9	115.0	107.9	100.5	93.0	85.4
20°	176.1	169.5	162.5	154.9	146.9	138.6	130.6	122.2	113.6	105.2	96.7
22.5°	199.4	192.1	183.9	175.2	166.0	156.4	146.5	136.9	127.0	117.1	107.8
25°	221.6	214.5	206.3	196.2	187.8	179.2	170.3	161.0	151.9	142.4	133.2
27.5°	244.4	240.7	235.0	228.4	219.6	210.4	200.9	190.9	181.0	170.9	160.7
30°	268.1	267.6	264.3	257.9	250.4	240.9	230.9	220.4	210.2	199.0	188.3
32.5°	290.3	290.8	290.1	286.1	279.0	270.3	260.1	249.3	237.9	226.6	215.3
35°	310.0	312.3	312.7	311.9	306.2	298.5	288.4	278.4	265.8	253.8	242.2
37.5°	329.6	331.8	334.3	334.1	333.5	324.9	315.9	305.1	293.3	280.6	268.7
40°	349.5	350.8	353.5	355.7	355.1	350.6	342.3	331.8	320.3	307.3	294.9
42.5°	369.8	370.1	372.0	375.3	376.4	375.8	367.3	357.7	346.7	333.7	320.8
45°	393.5	388.6	390.8	393.8	397.2	396.9	391.8	382.9	372.2	359.6	346.3
47.5°	416.5	410.6	409.1	411.9	416.1	420.5	422.7	415.8	404.9	390.5	373.3
50°	445.6	435.3	443.9	458.4	469.1	474.0	471.9	460.4	444.5	425.0	402.0
52.5°	502.2	501.2	511.3	523.2	531.8	531.6	523.3	507.6	486.3	461.1	432.2
55°	568.2	567.4	575.7	590.1	597.9	592.3	578.2	557.1	529.9	498.5	463.5
57.5°	631.3	629.5	637.2	656.2	664.3	656.9	636.4	608.7	575.2	537.2	495.8
60°	689.0	688.8	699.5	719.2	732.1	725.0	697.5	662.0	621.8	577.1	529.1
62.5°	746.6	746.6	758.9	780.2	801.3	796.3	760.8	717.1	669.6	618.1	563.1
65°	801.7	800.3	815.4	839.3	871.4	865.8	825.9	774.1	718.7	659.9	597.7
67.5°	852.9	850.4	869.5	897.8	933.7	934.0	893.0	832.6	768.6	702.5	632.8
70°	901.3	900.6	922.9	953.2	983.2	979.6	930.8	858.7	785.3	713.7	640.3
72.5°	946.2	942.3	957.6	980.0	997.2	988.4	938.4	864.2	788.3	716.6	643.2
75°	986.2	980.2	990.8	1010.0	1016.2	998.9	945.3	868.9	790.3	718.6	645.3
77.5°	1025.2	1018.1	1024.6	1042.6	1039.4	1010.8	951.4	872.8	791.4	719.8	646.7
80°	1063.2	1055.9	1058.9	1077.4	1065.6	1023.5	956.5	875.8	791.6	720.2	647.4
82.5°	1100.4	1093.8	1093.8	1113.7	1094.0	1036.4	960.6	877.8	790.9	719.8	649.8
85°	1137.1	1131.5	1129.2	1150.8	1123.4	1052.1	966.3	881.1	790.9	720.1	647.9
87.5°	1173.3	1169.2	1165.0	1188.7	1153.6	1061.7	966.0	879.1	787.2	717.1	646.0
90°	1209.2	1206.7	1201.9	1225.3	1180.9	1071.3	965.7	877.0	783.5	714.2	644.1
92.5°	1173.3	1169.2	1165.0	1188.7	1153.6	1061.7	966.0	879.1	787.2	717.1	646.0
95°	1137.1	1131.5	1129.2	1150.8	1123.4	1052.1	966.3	881.1	790.9	720.1	647.9
97.5°	1100.4	1093.8	1093.8	1113.7	1094.0	1036.4	960.6	877.8	790.9	719.8	649.8
100°	1063.2	1055.9	1058.9	1077.4	1065.6	1023.5	956.5	875.8	791.6	720.2	647.4
102.5°	1025.2	1018.1	1024.6	1042.6	1039.4	1010.8	951.4	872.8	791.4	719.8	646.7
105°	986.2	980.2	990.8	1010.0	1016.2	998.9	945.3	868.9	790.3	718.6	645.3
107.5°	946.2	942.3	957.6	980.0	997.2	988.4	938.4	864.2	788.3	716.6	643.2
110°	901.3	900.6	922.9	953.2	983.2	979.6	930.8	858.7	785.3	713.7	640.3



TEST NUMBER: P231985

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

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
112.5°	852.9	850.4	869.5	897.8	933.7	934.0	893.0	832.6	768.6	702.5	632.8
115°	801.7	800.3	815.4	839.3	871.4	865.8	825.9	774.1	718.7	659.9	597.7
117.5°	746.6	746.6	758.9	780.2	801.3	796.3	760.8	717.1	669.6	618.1	563.1
120°	689.0	688.8	699.5	719.2	732.1	725.0	697.5	662.0	621.8	577.1	529.1
122.5°	631.3	629.5	637.2	656.2	664.3	656.9	636.4	608.7	575.2	537.2	495.8
125°	568.2	567.4	575.6	590.1	597.9	592.3	578.2	557.1	529.9	498.5	463.5
127.5°	502.2	501.2	511.3	523.2	531.8	531.6	523.3	507.6	486.3	461.1	432.2
130°	445.6	435.3	443.9	458.4	469.1	474.0	471.9	460.4	444.5	425.0	402.0
132.5°	416.5	410.6	409.1	411.9	416.1	420.5	422.7	415.8	404.9	390.5	373.3
135°	393.5	388.6	390.8	393.8	397.2	396.9	391.8	382.9	372.2	359.6	346.3
137.5°	369.8	370.1	372.0	375.3	376.4	375.8	367.3	357.7	346.7	333.7	320.8
140°	349.5	350.8	353.5	355.7	355.1	350.6	342.3	331.8	320.3	307.3	294.9
142.5°	329.6	331.8	334.3	334.1	333.5	324.9	315.9	305.1	293.3	280.6	268.7
145°	310.0	312.3	312.7	311.9	306.2	298.5	288.4	278.4	265.8	253.8	242.2
147.5°	290.3	290.8	290.1	286.1	279.0	270.3	260.1	249.3	237.9	226.6	215.3
150°	268.1	267.6	264.3	257.9	250.4	240.9	230.9	220.4	210.2	199.0	188.3
152.5°	244.4	240.7	235.0	228.4	219.6	210.4	200.9	190.9	181.0	170.9	160.7
155°	221.6	214.5	206.3	196.2	187.8	179.2	170.3	161.0	151.9	142.4	133.2
157.5°	199.4	192.1	183.9	175.2	166.0	156.4	146.5	136.9	127.0	117.1	107.8
160°	176.1	169.5	162.5	154.9	146.9	138.6	130.6	122.2	113.6	105.2	96.7
162.5°	154.4	147.9	141.7	135.2	128.5	121.9	115.0	107.9	100.5	93.0	85.4
165°	131.5	126.6	122.2	116.5	111.1	105.6	99.9	93.6	87.1	80.5	73.8
167.5°	110.3	106.7	102.7	98.6	94.3	89.5	84.2	78.9	73.3	67.7	62.4
170°	90.6	87.7	84.8	80.6	76.6	72.4	68.1	63.7	59.2	55.0	50.9
172.5°	69.7	67.0	64.1	61.1	58.0	54.8	51.5	48.5	45.4	42.3	39.1
175°	46.8	44.9	43.0	41.2	39.4	37.5	35.5	33.5	31.4	29.3	27.1
177.5°	24.7	23.8	23.0	22.1	21.1	20.2	19.2	18.1	17.1	16.0	14.9
180°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0



TEST NUMBER: P231985

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

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
0°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
2.5°	13.7	12.6	11.4	10.2	10.1	10.0	9.9	9.8	9.7	9.6	9.4
5°	24.9	22.6	20.3	18.0	17.8	17.6	17.4	17.1	16.8	16.5	16.2
7.5°	35.9	32.5	29.2	25.8	25.4	25.1	24.6	24.2	23.7	23.2	22.6
10°	46.7	42.4	38.0	33.6	33.0	32.4	31.8	31.1	30.3	29.7	29.3
12.5°	57.3	52.1	46.7	41.3	40.6	39.7	38.8	37.8	37.0	36.5	36.0
15°	67.7	61.6	55.4	49.1	48.1	46.9	45.7	44.5	43.9	43.3	42.6
17.5°	78.0	71.1	64.0	56.9	55.5	54.0	52.4	51.5	50.8	50.0	49.1
20°	88.1	80.4	72.6	64.7	62.9	61.0	59.2	58.4	57.5	56.6	55.4
22.5°	98.4	89.6	81.1	72.5	70.3	68.0	66.2	65.2	64.1	62.9	61.7
25°	123.8	114.4	105.3	95.9	92.8	89.3	86.4	83.8	81.0	78.1	74.9
27.5°	150.3	139.8	129.7	119.3	115.2	110.8	107.3	103.7	99.9	96.1	92.0
30°	176.8	165.1	154.1	142.6	137.6	132.2	127.7	123.0	118.3	113.4	108.2
32.5°	203.3	190.6	178.5	166.0	159.9	153.5	147.8	142.0	136.1	130.0	123.7
35°	229.6	216.1	202.9	189.4	182.1	174.6	167.6	160.5	153.4	146.0	138.4
37.5°	256.0	241.6	227.2	212.8	204.2	195.5	187.0	178.6	170.6	161.4	152.6
40°	282.2	266.9	251.6	236.1	226.3	216.2	206.1	196.4	186.5	176.1	166.3
42.5°	308.2	292.3	276.0	259.5	248.2	236.7	225.3	213.8	202.3	190.8	179.4
45°	333.8	317.5	300.3	282.9	270.1	257.0	243.6	231.0	217.7	204.5	192.0
47.5°	356.8	337.2	316.5	296.2	280.8	265.6	251.1	237.9	224.7	212.3	199.9
50°	380.4	356.9	332.6	309.4	291.2	273.5	257.1	242.5	228.7	216.3	203.2
52.5°	404.8	377.0	348.9	322.7	301.5	281.2	263.1	247.2	232.8	220.6	207.0
55°	430.0	397.3	365.3	335.9	311.6	288.8	268.9	252.0	237.4	225.2	211.4
57.5°	455.7	418.0	381.8	349.2	321.7	296.2	274.6	256.9	242.2	230.0	216.4
60°	482.1	438.8	398.4	362.4	331.6	303.5	280.3	261.9	247.3	235.0	222.3
62.5°	508.9	459.8	415.0	375.7	341.5	310.7	285.9	266.9	252.6	240.4	228.1
65°	536.1	481.0	431.6	388.9	351.4	317.8	291.4	272.1	258.1	246.2	234.7
67.5°	563.6	502.2	448.3	402.2	361.2	324.8	297.0	277.4	263.8	252.3	241.9
70°	569.0	506.7	451.1	402.7	359.5	322.9	295.2	275.8	263.0	252.6	243.9
72.5°	572.1	510.6	453.7	403.1	357.8	320.8	293.0	273.4	260.7	250.8	242.7
75°	574.7	514.2	458.1	403.6	356.1	318.9	291.0	271.1	258.6	249.3	241.8
77.5°	576.9	517.6	460.1	404.0	354.4	317.1	289.1	268.8	256.6	247.9	241.0
80°	578.5	522.6	462.1	404.5	352.9	315.5	287.4	266.7	254.7	246.8	240.5
82.5°	581.2	524.7	464.1	404.9	351.4	314.0	285.8	264.7	252.9	245.7	240.0
85°	581.2	526.9	466.0	405.4	349.9	312.6	284.4	262.8	251.3	244.9	239.7
87.5°	581.2	529.0	468.0	405.8	348.6	311.5	283.2	261.1	249.7	244.1	239.5
90°	581.2	531.2	470.0	406.3	347.4	310.4	282.1	259.6	248.3	243.4	239.4
92.5°	581.2	529.0	468.0	405.8	348.6	311.5	283.2	261.1	249.7	244.1	239.5
95°	581.2	526.9	466.0	405.4	349.9	312.6	284.4	262.8	251.3	244.9	239.7
97.5°	581.2	524.7	464.1	404.9	351.4	314.0	285.8	264.7	252.9	245.7	240.0
100°	578.5	522.6	462.1	404.5	352.9	315.5	287.4	266.7	254.7	246.8	240.5
102.5°	576.9	517.6	460.1	404.0	354.4	317.1	289.1	268.8	256.6	247.9	241.0
105°	574.7	514.2	458.1	403.6	356.1	318.9	291.0	271.1	258.6	249.3	241.8
107.5°	572.1	510.6	453.7	403.1	357.8	320.8	293.0	273.4	260.7	250.8	242.7
110°	569.0	506.7	451.1	402.7	359.5	322.9	295.2	275.8	263.0	252.6	243.9



TEST NUMBER: P231985

CATALOG NUMBER: FVS4WM-4-LD4-35-2STD-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°	563.6	502.2	448.3	402.2	361.2	324.8	297.0	277.4	263.8	252.3	241.9
115°	536.1	481.0	431.6	388.9	351.4	317.8	291.4	272.1	258.1	246.2	234.7
117.5°	508.9	459.8	415.0	375.7	341.5	310.7	285.9	266.9	252.6	240.4	228.1
120°	482.1	438.8	398.4	362.4	331.6	303.5	280.3	261.9	247.3	235.0	222.3
122.5°	455.7	418.0	381.8	349.2	321.7	296.2	274.6	256.9	242.2	230.0	216.4
125°	430.0	397.3	365.3	335.9	311.6	288.8	268.9	252.0	237.4	225.2	211.4
127.5°	404.8	377.0	348.9	322.7	301.5	281.2	263.1	247.2	232.8	220.6	207.0
130°	380.4	356.9	332.6	309.4	291.2	273.5	257.1	242.5	228.7	216.3	203.2
132.5°	356.8	337.2	316.5	296.2	280.8	265.6	251.1	237.9	224.7	212.3	199.9
135°	333.8	317.5	300.3	282.9	270.1	257.0	243.6	231.0	217.7	204.5	192.0
137.5°	308.2	292.3	276.0	259.5	248.2	236.7	225.3	213.8	202.3	190.8	179.4
140°	282.2	266.9	251.6	236.1	226.3	216.2	206.1	196.4	186.5	176.1	166.3
142.5°	256.0	241.6	227.2	212.8	204.2	195.5	187.0	178.6	170.6	161.4	152.6
145°	229.6	216.1	202.9	189.4	182.1	174.6	167.6	160.5	153.4	146.0	138.4
147.5°	203.3	190.6	178.5	166.0	159.9	153.5	147.8	142.0	136.1	130.0	123.7
150°	176.8	165.1	154.1	142.6	137.6	132.2	127.7	123.0	118.3	113.4	108.2
152.5°	150.3	139.8	129.7	119.3	115.2	110.8	107.3	103.7	99.9	96.1	92.0
155°	123.8	114.4	105.3	95.9	92.8	89.3	86.4	83.8	81.0	78.1	74.9
157.5°	98.4	89.6	81.1	72.5	70.3	68.0	66.2	65.2	64.1	62.9	61.7
160°	88.1	80.4	72.6	64.7	62.9	61.0	59.2	58.4	57.5	56.6	55.4
162.5°	78.0	71.1	64.0	56.9	55.5	54.0	52.4	51.5	50.8	50.0	49.1
165°	67.7	61.6	55.4	49.1	48.1	46.9	45.7	44.5	43.9	43.3	42.6
167.5°	57.3	52.1	46.7	41.3	40.6	39.7	38.8	37.8	37.0	36.5	36.0
170°	46.7	42.4	38.0	33.6	33.0	32.4	31.8	31.1	30.3	29.7	29.3
172.5°	35.9	32.5	29.2	25.8	25.4	25.1	24.6	24.2	23.7	23.2	22.6
175°	24.9	22.6	20.3	18.0	17.8	17.6	17.4	17.1	16.8	16.5	16.2
177.5°	13.7	12.6	11.4	10.2	10.1	10.0	9.9	9.8	9.7	9.6	9.4
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: P231985

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

CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
0°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
2.5°	9.3	9.1	8.9	8.7	8.5	8.3	8.1	7.8	7.6	7.3	7.1
5°	15.8	15.4	15.0	14.6	14.2	13.9	13.5	13.2	12.8	12.5	12.0
7.5°	22.1	21.7	21.4	21.0	20.5	20.1	19.6	19.0	18.5	17.9	17.2
10°	28.8	28.4	27.8	27.3	26.7	26.0	25.2	24.4	23.6	22.7	21.9
12.5°	35.4	34.8	34.1	33.3	32.4	31.5	30.6	29.6	28.4	27.3	26.1
15°	41.9	41.0	40.1	39.1	38.0	36.8	35.6	34.3	33.0	31.6	30.4
17.5°	48.1	47.1	45.9	44.7	43.4	42.0	40.6	39.2	37.8	36.4	34.9
20°	54.3	53.0	51.7	50.2	48.7	47.2	45.7	44.2	42.5	40.8	39.0
22.5°	60.3	58.9	57.4	55.7	54.1	52.4	50.7	48.8	46.9	45.0	42.8
25°	71.6	68.2	64.7	61.2	59.4	57.4	55.4	53.3	51.0	48.7	46.3
27.5°	87.7	83.4	79.1	74.8	70.3	65.9	61.6	57.4	54.8	52.2	49.6
30°	102.9	97.8	92.6	87.1	81.7	76.3	71.0	65.9	61.1	56.6	52.9
32.5°	117.4	111.3	104.8	98.1	91.5	85.1	79.0	73.4	68.0	63.2	58.7
35°	131.2	123.9	115.7	107.7	100.0	92.7	86.1	79.8	74.0	68.6	63.5
37.5°	144.3	135.0	125.4	116.2	107.4	99.6	92.1	85.2	78.8	73.0	67.7
40°	156.4	145.1	134.2	123.5	114.2	105.5	97.2	89.7	83.1	77.1	71.7
42.5°	167.3	154.4	141.9	130.5	120.3	110.5	101.5	93.8	87.0	80.9	75.1
45°	177.4	162.9	148.8	136.9	125.5	114.6	105.7	97.7	90.8	84.1	77.8
47.5°	185.0	170.3	155.8	142.7	130.0	118.9	109.4	101.6	93.9	86.5	79.9
50°	188.5	174.0	160.7	147.5	134.1	123.0	113.5	104.9	96.4	88.5	81.3
52.5°	192.8	178.8	165.8	152.6	140.6	130.0	120.4	109.5	98.3	89.9	82.4
55°	197.8	184.5	171.5	158.3	147.9	138.6	129.0	117.6	105.9	94.5	83.7
57.5°	203.4	190.6	177.8	165.6	156.1	148.1	137.7	125.9	113.5	101.2	90.0
60°	209.8	197.2	184.6	174.0	165.8	158.2	147.0	134.1	120.6	107.6	95.6
62.5°	216.6	204.2	192.0	183.2	176.4	168.0	156.1	142.2	127.2	113.7	100.7
65°	223.9	211.8	200.0	192.9	187.6	178.1	165.0	149.6	133.9	119.4	105.3
67.5°	231.4	219.8	209.5	203.5	199.6	188.7	174.0	156.9	140.4	124.8	109.5
70°	234.8	224.9	217.4	214.2	210.4	199.0	183.0	164.1	146.8	129.9	113.3
72.5°	234.0	224.9	218.3	215.0	210.7	200.8	186.6	169.4	152.8	135.0	116.8
75°	233.6	225.3	219.1	215.6	209.9	200.0	186.1	169.5	152.5	135.5	119.5
77.5°	233.5	226.0	219.9	216.0	209.4	199.9	186.6	170.0	152.7	135.6	120.8
80°	233.6	227.0	220.8	216.3	209.1	200.6	188.0	171.0	153.4	136.6	122.6
82.5°	234.0	228.2	221.6	216.6	209.1	201.9	190.1	172.5	154.8	138.5	125.0
85°	234.6	229.7	222.6	216.9	209.3	203.6	192.9	174.6	156.8	141.1	127.9
87.5°	235.4	231.3	223.7	217.2	209.8	205.7	196.2	177.3	159.5	144.4	131.4
90°	236.2	233.0	224.9	217.6	210.4	208.0	199.9	180.6	162.8	148.3	135.4
92.5°	235.4	231.3	223.7	217.2	209.8	205.7	196.2	177.3	159.5	144.4	131.4
95°	234.6	229.7	222.6	216.9	209.3	203.6	192.9	174.6	156.8	141.1	127.9
97.5°	234.0	228.2	221.6	216.6	209.1	201.9	190.1	172.5	154.8	138.5	125.0
100°	233.6	227.0	220.8	216.3	209.1	200.6	188.0	171.0	153.4	136.6	122.6
102.5°	233.5	226.0	219.9	216.0	209.4	199.9	186.6	170.0	152.7	135.6	120.8
105°	233.6	225.3	219.1	215.6	209.9	200.0	186.1	169.5	152.5	135.5	119.5
107.5°	234.0	224.9	218.3	215.0	210.7	200.8	186.6	169.4	152.8	135.0	116.8
110°	234.8	224.9	217.4	214.2	210.4	199.0	183.0	164.1	146.8	129.9	113.3



TEST NUMBER: P231985

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

CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
112.5°	231.4	219.8	209.5	203.5	199.6	188.7	174.0	156.9	140.4	124.8	109.5
115°	223.9	211.8	200.0	192.9	187.6	178.1	165.0	149.6	133.9	119.4	105.3
117.5°	216.6	204.2	192.0	183.2	176.4	168.0	156.1	142.2	127.2	113.7	100.7
120°	209.8	197.2	184.6	174.0	165.8	158.2	147.0	134.1	120.6	107.6	95.6
122.5°	203.4	190.6	177.8	165.6	156.1	148.1	137.7	125.9	113.5	101.2	90.0
125°	197.8	184.5	171.5	158.3	147.9	138.6	129.0	117.6	105.9	94.5	83.7
127.5°	192.8	178.8	165.8	152.6	140.6	130.0	120.4	109.5	98.3	89.9	82.4
130°	188.5	174.0	160.7	147.5	134.1	123.0	113.5	104.9	96.4	88.5	81.3
132.5°	185.0	170.3	155.8	142.7	130.0	118.9	109.4	101.6	93.9	86.5	79.9
135°	177.4	162.9	148.8	136.9	125.5	114.6	105.7	97.7	90.8	84.1	77.8
137.5°	167.3	154.4	141.9	130.5	120.3	110.5	101.5	93.8	87.0	80.9	75.1
140°	156.4	145.1	134.2	123.5	114.2	105.5	97.2	89.7	83.1	77.1	71.7
142.5°	144.3	135.0	125.4	116.2	107.4	99.6	92.1	85.2	78.8	73.0	67.7
145°	131.2	123.9	115.7	107.7	100.0	92.7	86.1	79.8	74.0	68.6	63.5
147.5°	117.4	111.3	104.8	98.1	91.5	85.1	79.0	73.4	68.0	63.2	58.7
150°	102.9	97.8	92.6	87.1	81.7	76.3	71.0	65.9	61.1	56.6	52.9
152.5°	87.7	83.4	79.1	74.8	70.3	65.9	61.6	57.4	54.8	52.2	49.6
155°	71.6	68.2	64.7	61.2	59.4	57.4	55.4	53.3	51.0	48.7	46.3
157.5°	60.3	58.9	57.4	55.7	54.1	52.4	50.7	48.8	46.9	45.0	42.8
160°	54.3	53.0	51.7	50.2	48.7	47.2	45.7	44.2	42.5	40.8	39.0
162.5°	48.1	47.1	45.9	44.7	43.4	42.0	40.6	39.2	37.8	36.4	34.9
165°	41.9	41.0	40.1	39.1	38.0	36.8	35.6	34.3	33.0	31.6	30.4
167.5°	35.4	34.8	34.1	33.3	32.4	31.5	30.6	29.6	28.4	27.3	26.1
170°	28.8	28.4	27.8	27.3	26.7	26.0	25.2	24.4	23.6	22.7	21.9
172.5°	22.1	21.7	21.4	21.0	20.5	20.1	19.6	19.0	18.5	17.9	17.2
175°	15.8	15.4	15.0	14.6	14.2	13.9	13.5	13.2	12.8	12.5	12.0
177.5°	9.3	9.1	8.9	8.7	8.5	8.3	8.1	7.8	7.6	7.3	7.1
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: P231985

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

CANDELA DISTRIBUTION (continued):

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
0°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
2.5°	6.8	6.5	6.3	6.0	5.7	5.4	5.1	4.8	4.5	4.1	3.8
5°	11.6	11.2	10.7	10.3	9.8	9.3	8.7	8.2	7.7	7.1	6.6
7.5°	16.5	15.8	15.1	14.3	13.6	12.8	12.0	11.1	10.3	9.5	8.6
10°	20.9	20.0	18.9	17.9	16.8	15.7	14.6	13.4	12.3	11.1	9.9
12.5°	24.9	23.6	22.3	21.1	19.9	18.6	17.4	16.1	14.8	13.5	12.2
15°	29.1	27.7	26.4	25.0	23.5	22.0	20.4	18.9	17.3	15.7	14.0
17.5°	33.3	31.7	30.0	28.3	26.6	24.9	23.0	21.2	19.3	17.5	15.6
20°	37.2	35.3	33.3	31.3	29.3	27.3	25.2	23.2	21.1	19.1	17.0
22.5°	40.7	38.5	36.3	34.0	31.8	29.6	27.3	25.1	22.9	20.6	18.4
25°	43.9	41.5	39.0	36.6	34.3	31.9	29.6	27.2	24.7	22.2	19.7
27.5°	46.9	44.5	42.0	39.5	36.8	34.2	31.5	28.8	26.2	23.6	20.9
30°	50.3	47.6	44.7	41.8	38.9	36.2	33.4	30.6	27.9	25.2	22.4
32.5°	54.2	50.2	47.1	44.2	41.3	38.5	35.7	32.9	30.0	27.0	24.1
35°	58.7	54.4	50.3	47.0	44.1	41.2	38.2	35.2	32.1	28.9	25.6
37.5°	63.0	58.5	54.4	50.6	47.1	44.0	40.8	37.3	33.8	30.4	26.9
40°	66.7	62.0	57.7	53.8	50.1	46.4	42.7	39.1	35.5	31.8	28.0
42.5°	69.7	64.8	60.3	55.9	51.8	48.1	44.6	40.8	36.5	32.3	28.3
45°	72.1	66.8	61.8	57.2	53.0	49.1	44.9	41.0	37.0	32.9	28.9
47.5°	73.7	68.0	62.8	58.1	53.3	48.7	44.7	41.1	37.7	33.6	29.5
50°	74.8	68.8	63.4	58.0	52.9	48.6	44.5	40.8	37.4	34.0	29.9
52.5°	75.5	69.3	63.3	57.7	52.7	48.2	44.1	40.2	36.7	33.4	29.5
55°	76.1	69.3	62.9	57.4	52.4	47.7	43.2	39.3	35.6	32.1	29.0
57.5°	79.4	69.4	62.7	57.0	51.8	46.6	42.3	38.4	34.8	31.4	28.2
60°	84.1	73.7	64.6	56.5	50.6	45.9	41.7	37.8	34.2	30.8	27.6
62.5°	88.4	77.2	68.0	58.9	51.0	45.6	41.3	37.5	33.9	30.6	27.1
65°	92.0	81.0	71.0	61.6	54.0	47.1	41.2	37.5	34.1	30.1	25.9
67.5°	95.5	84.7	73.7	64.7	56.6	49.4	43.2	38.3	33.9	29.4	25.2
70°	99.7	87.8	76.8	67.5	58.9	51.3	45.1	39.3	33.7	29.4	24.5
72.5°	103.8	91.1	80.0	70.2	61.1	53.0	46.3	39.2	33.4	28.3	23.6
75°	107.1	94.7	83.2	72.8	62.9	54.7	46.4	38.7	32.0	26.1	21.8
77.5°	108.2	96.0	84.9	74.7	64.7	55.9	46.3	37.5	29.9	23.8	18.9
80°	109.9	97.4	86.2	75.4	65.2	55.7	45.8	36.2	27.9	21.0	15.5
82.5°	112.1	99.3	88.0	76.5	65.9	55.7	45.3	35.7	26.8	18.7	12.1
85°	115.0	101.6	90.3	78.0	67.0	56.3	45.5	36.1	26.8	18.4	11.1
87.5°	118.4	104.5	93.2	80.1	68.6	57.6	46.5	37.4	27.4	18.9	11.1
90°	122.5	108.0	96.7	83.0	70.9	59.7	48.4	39.5	29.0	20.2	12.1
92.5°	118.4	104.5	93.2	80.1	68.6	57.6	46.5	37.4	27.4	18.9	11.1
95°	115.0	101.6	90.3	78.0	67.0	56.3	45.5	36.1	26.8	18.4	11.1
97.5°	112.1	99.3	88.0	76.5	65.9	55.7	45.3	35.7	26.8	18.7	12.1
100°	109.9	97.4	86.2	75.4	65.2	55.7	45.8	36.2	27.9	21.0	15.5
102.5°	108.2	96.0	84.9	74.7	64.7	55.9	46.3	37.5	29.9	23.8	18.9
105°	107.1	94.7	83.2	72.8	62.9	54.7	46.4	38.7	32.0	26.1	21.8
107.5°	103.8	91.1	80.0	70.2	61.1	53.0	46.3	39.2	33.4	28.3	23.6
110°	99.7	87.8	76.8	67.5	58.9	51.3	45.1	39.3	33.7	29.4	24.5



TEST NUMBER: P231985

CATALOG NUMBER: FVS4WM-4-LD4-35-2STD-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°	95.5	84.7	73.7	64.7	56.6	49.4	43.2	38.3	33.9	29.4	25.2
115°	92.0	81.0	71.0	61.6	54.0	47.1	41.2	37.5	34.1	30.1	25.9
117.5°	88.4	77.2	68.0	58.9	51.0	45.6	41.3	37.5	33.9	30.6	27.1
120°	84.1	73.7	64.6	56.5	50.6	45.9	41.7	37.8	34.2	30.8	27.6
122.5°	79.4	69.4	62.7	57.0	51.8	46.6	42.3	38.4	34.8	31.4	28.2
125°	76.1	69.3	62.9	57.4	52.4	47.7	43.2	39.3	35.6	32.1	29.0
127.5°	75.5	69.3	63.3	57.7	52.7	48.2	44.1	40.2	36.7	33.4	29.5
130°	74.8	68.8	63.4	58.0	52.9	48.6	44.5	40.8	37.4	34.0	29.9
132.5°	73.7	68.0	62.8	58.1	53.3	48.7	44.7	41.1	37.7	33.6	29.5
135°	72.1	66.8	61.8	57.2	53.0	49.1	44.9	41.0	37.0	32.9	28.9
137.5°	69.7	64.8	60.3	55.9	51.8	48.1	44.6	40.8	36.5	32.3	28.3
140°	66.7	62.0	57.7	53.8	50.1	46.4	42.7	39.1	35.5	31.8	28.0
142.5°	63.0	58.5	54.4	50.6	47.1	44.0	40.8	37.3	33.8	30.4	26.9
145°	58.7	54.4	50.3	47.0	44.1	41.2	38.2	35.2	32.1	28.9	25.6
147.5°	54.2	50.2	47.1	44.2	41.3	38.5	35.7	32.9	30.0	27.0	24.1
150°	50.3	47.6	44.7	41.8	38.9	36.2	33.4	30.6	27.9	25.2	22.4
152.5°	46.9	44.5	42.0	39.5	36.8	34.2	31.5	28.8	26.2	23.6	20.9
155°	43.9	41.5	39.0	36.6	34.3	31.9	29.6	27.2	24.7	22.2	19.7
157.5°	40.7	38.5	36.3	34.0	31.8	29.6	27.3	25.1	22.9	20.6	18.4
160°	37.2	35.3	33.3	31.3	29.3	27.3	25.2	23.2	21.1	19.1	17.0
162.5°	33.3	31.7	30.0	28.3	26.6	24.9	23.0	21.2	19.3	17.5	15.6
165°	29.1	27.7	26.4	25.0	23.5	22.0	20.4	18.9	17.3	15.7	14.0
167.5°	24.9	23.6	22.3	21.1	19.9	18.6	17.4	16.1	14.8	13.5	12.2
170°	20.9	20.0	18.9	17.9	16.8	15.7	14.6	13.4	12.3	11.1	9.9
172.5°	16.5	15.8	15.1	14.3	13.6	12.8	12.0	11.1	10.3	9.5	8.6
175°	11.6	11.2	10.7	10.3	9.8	9.3	8.7	8.2	7.7	7.1	6.6
177.5°	6.8	6.5	6.3	6.0	5.7	5.4	5.1	4.8	4.5	4.1	3.8
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: P231985

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

CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
0°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
2.5°	3.5	3.2	2.9	2.6	2.2	1.9	1.6	1.9	2.2	2.6	2.9
5°	6.0	5.4	4.8	4.2	3.6	3.0	2.4	3.0	3.6	4.2	4.8
7.5°	7.7	6.9	6.0	5.1	4.2	3.3	2.4	3.3	4.2	5.1	6.0
10°	8.7	7.6	6.4	5.2	4.0	2.8	1.6	2.8	4.0	5.2	6.4
12.5°	10.8	9.4	8.0	6.7	5.2	3.8	2.4	3.8	5.2	6.7	8.0
15°	12.4	10.8	9.1	7.4	5.8	4.1	2.4	4.1	5.8	7.4	9.1
17.5°	13.7	11.8	10.0	8.1	6.2	4.3	2.4	4.3	6.2	8.1	10.0
20°	14.9	12.8	10.7	8.7	6.6	4.5	2.4	4.5	6.6	8.7	10.7
22.5°	16.1	13.9	11.6	9.3	7.0	4.7	2.4	4.7	7.0	9.3	11.6
25°	17.2	14.7	12.3	9.8	7.3	4.9	2.4	4.9	7.3	9.8	12.3
27.5°	18.3	15.7	13.0	10.4	7.7	5.1	2.4	5.1	7.7	10.4	13.0
30°	19.6	16.8	13.9	11.1	8.2	5.3	2.4	5.3	8.2	11.1	13.9
32.5°	21.0	18.0	14.9	11.8	8.7	5.5	2.4	5.5	8.7	11.8	14.9
35°	22.3	19.0	15.7	12.4	9.0	5.7	2.4	5.7	9.0	12.4	15.7
37.5°	23.4	19.9	16.4	12.9	9.4	5.9	2.4	5.9	9.4	12.9	16.4
40°	24.2	20.4	16.7	13.1	9.5	5.9	2.4	5.9	9.5	13.1	16.7
42.5°	24.5	20.7	17.0	13.3	9.6	6.0	2.4	6.0	9.6	13.3	17.0
45°	25.0	21.2	17.5	13.9	10.3	6.8	3.2	6.8	10.3	13.9	17.5
47.5°	25.6	21.7	17.9	14.2	10.5	6.8	3.2	6.8	10.5	14.2	17.9
50°	25.8	21.7	17.7	14.0	10.3	6.7	3.2	6.7	10.3	14.0	17.7
52.5°	25.2	21.3	17.5	13.8	10.2	6.7	3.2	6.7	10.2	13.8	17.5
55°	25.2	21.2	17.4	13.7	10.2	6.7	3.2	6.7	10.2	13.7	17.4
57.5°	25.0	21.0	17.2	13.6	10.0	6.6	3.2	6.6	10.0	13.6	17.2
60°	24.4	20.6	16.6	12.9	9.5	6.3	3.2	6.3	9.5	12.9	16.6
62.5°	23.1	19.3	15.5	12.0	8.9	6.0	3.2	6.0	8.9	12.0	15.5
65°	21.9	17.9	14.3	11.2	8.3	5.7	3.2	5.7	8.3	11.2	14.3
67.5°	21.0	16.9	13.4	10.4	7.7	5.4	3.2	5.4	7.7	10.4	13.4
70°	19.9	16.0	12.3	9.0	6.6	4.7	3.2	4.7	6.6	9.0	12.3
72.5°	19.1	14.8	10.7	7.4	5.9	4.8	4.0	4.8	5.9	7.4	10.7
75°	18.3	13.8	9.9	6.8	5.0	4.4	4.0	4.4	5.0	6.8	9.9
77.5°	15.4	12.9	8.9	5.1	1.8	0.4	0.0	0.4	1.8	5.1	8.9
80°	11.6	9.0	5.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.7
82.5°	7.6	4.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	5.2	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	5.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	5.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	5.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	5.2	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	7.6	4.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	11.6	9.0	5.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.7
102.5°	15.4	12.9	8.9	5.1	1.8	0.4	0.0	0.4	1.8	5.1	8.9
105°	18.3	13.8	9.9	6.8	5.0	4.4	4.0	4.4	5.0	6.8	9.9
107.5°	19.1	14.8	10.7	7.4	5.9	4.8	4.0	4.8	5.9	7.4	10.7
110°	19.9	16.0	12.3	9.0	6.6	4.7	3.2	4.7	6.6	9.0	12.3



TEST NUMBER: P231985

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

CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
112.5°	21.0	16.9	13.4	10.4	7.7	5.4	3.2	5.4	7.7	10.4	13.4
115°	21.9	17.9	14.3	11.2	8.3	5.7	3.2	5.7	8.3	11.2	14.3
117.5°	23.1	19.3	15.5	12.0	8.9	6.0	3.2	6.0	8.9	12.0	15.5
120°	24.4	20.6	16.6	12.9	9.5	6.3	3.2	6.3	9.5	12.9	16.6
122.5°	25.0	21.0	17.2	13.6	10.0	6.6	3.2	6.6	10.0	13.6	17.2
125°	25.2	21.2	17.4	13.7	10.2	6.7	3.2	6.7	10.2	13.7	17.4
127.5°	25.2	21.3	17.5	13.8	10.2	6.7	3.2	6.7	10.2	13.8	17.5
130°	25.8	21.7	17.7	14.0	10.3	6.7	3.2	6.7	10.3	14.0	17.7
132.5°	25.6	21.7	17.9	14.2	10.5	6.8	3.2	6.8	10.5	14.2	17.9
135°	25.0	21.2	17.5	13.9	10.3	6.8	3.2	6.8	10.3	13.9	17.5
137.5°	24.5	20.7	17.0	13.3	9.6	6.0	2.4	6.0	9.6	13.3	17.0
140°	24.2	20.4	16.7	13.1	9.5	5.9	2.4	5.9	9.5	13.1	16.7
142.5°	23.4	19.9	16.4	12.9	9.4	5.9	2.4	5.9	9.4	12.9	16.4
145°	22.3	19.0	15.7	12.4	9.0	5.7	2.4	5.7	9.0	12.4	15.7
147.5°	21.0	18.0	14.9	11.8	8.7	5.5	2.4	5.5	8.7	11.8	14.9
150°	19.6	16.8	13.9	11.1	8.2	5.3	2.4	5.3	8.2	11.1	13.9
152.5°	18.3	15.7	13.0	10.4	7.7	5.1	2.4	5.1	7.7	10.4	13.0
155°	17.2	14.7	12.3	9.8	7.3	4.9	2.4	4.9	7.3	9.8	12.3
157.5°	16.1	13.9	11.6	9.3	7.0	4.7	2.4	4.7	7.0	9.3	11.6
160°	14.9	12.8	10.7	8.7	6.6	4.5	2.4	4.5	6.6	8.7	10.7
162.5°	13.7	11.8	10.0	8.1	6.2	4.3	2.4	4.3	6.2	8.1	10.0
165°	12.4	10.8	9.1	7.4	5.8	4.1	2.4	4.1	5.8	7.4	9.1
167.5°	10.8	9.4	8.0	6.7	5.2	3.8	2.4	3.8	5.2	6.7	8.0
170°	8.7	7.6	6.4	5.2	4.0	2.8	1.6	2.8	4.0	5.2	6.4
172.5°	7.7	6.9	6.0	5.1	4.2	3.3	2.4	3.3	4.2	5.1	6.0
175°	6.0	5.4	4.8	4.2	3.6	3.0	2.4	3.0	3.6	4.2	4.8
177.5°	3.5	3.2	2.9	2.6	2.2	1.9	1.6	1.9	2.2	2.6	2.9
180°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0



TEST NUMBER: P231985

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

CANDELA DISTRIBUTION (continued):

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
0°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
2.5°	3.2	3.5	3.8	4.1	4.5	4.8	5.1	5.4	5.7	6.0	6.3
5°	5.4	6.0	6.6	7.1	7.7	8.2	8.7	9.3	9.8	10.3	10.7
7.5°	6.9	7.7	8.6	9.5	10.3	11.1	12.0	12.8	13.6	14.3	15.1
10°	7.6	8.7	9.9	11.1	12.3	13.4	14.6	15.7	16.8	17.9	18.9
12.5°	9.4	10.8	12.2	13.5	14.8	16.1	17.4	18.6	19.9	21.1	22.3
15°	10.8	12.4	14.0	15.7	17.3	18.9	20.4	22.0	23.5	25.0	26.4
17.5°	11.8	13.7	15.6	17.5	19.3	21.2	23.0	24.9	26.6	28.3	30.0
20°	12.8	14.9	17.0	19.1	21.1	23.2	25.2	27.3	29.3	31.3	33.3
22.5°	13.9	16.1	18.4	20.6	22.9	25.1	27.3	29.6	31.8	34.0	36.3
25°	14.7	17.2	19.7	22.2	24.7	27.2	29.6	31.9	34.3	36.6	39.0
27.5°	15.7	18.3	20.9	23.6	26.2	28.8	31.5	34.2	36.8	39.5	42.0
30°	16.8	19.6	22.4	25.2	27.9	30.6	33.4	36.2	38.9	41.8	44.7
32.5°	18.0	21.0	24.1	27.0	30.0	32.9	35.7	38.5	41.3	44.2	47.1
35°	19.0	22.3	25.6	28.9	32.1	35.2	38.2	41.2	44.1	47.0	50.3
37.5°	19.9	23.4	26.9	30.4	33.8	37.3	40.8	44.0	47.1	50.6	54.4
40°	20.4	24.2	28.0	31.8	35.5	39.1	42.7	46.4	50.1	53.8	57.7
42.5°	20.7	24.5	28.3	32.3	36.5	40.8	44.6	48.1	51.8	55.9	60.3
45°	21.2	25.0	28.9	32.9	37.0	41.0	44.9	49.1	53.0	57.2	61.8
47.5°	21.7	25.6	29.5	33.6	37.7	41.1	44.7	48.7	53.3	58.1	62.8
50°	21.7	25.8	29.9	34.0	37.4	40.8	44.5	48.6	52.9	58.0	63.4
52.5°	21.3	25.2	29.5	33.4	36.7	40.2	44.1	48.2	52.7	57.7	63.3
55°	21.2	25.2	29.0	32.1	35.6	39.3	43.2	47.7	52.4	57.4	62.9
57.5°	21.0	25.0	28.2	31.4	34.8	38.4	42.3	46.6	51.8	57.0	62.7
60°	20.6	24.4	27.6	30.8	34.2	37.8	41.7	45.9	50.6	56.5	64.6
62.5°	19.3	23.1	27.1	30.6	33.9	37.5	41.3	45.6	51.0	58.9	68.0
65°	17.9	21.9	25.9	30.1	34.1	37.5	41.2	47.1	54.0	61.6	71.0
67.5°	16.9	21.0	25.2	29.4	33.9	38.3	43.2	49.4	56.6	64.7	73.7
70°	16.0	19.9	24.5	29.4	33.7	39.3	45.1	51.3	58.9	67.5	76.8
72.5°	14.8	19.1	23.6	28.3	33.4	39.2	46.3	53.0	61.1	70.2	80.0
75°	13.8	18.3	21.8	26.1	32.0	38.7	46.4	54.7	62.9	72.8	83.2
77.5°	12.9	15.4	18.9	23.8	29.9	37.5	46.3	55.9	64.7	74.7	84.9
80°	9.0	11.6	15.5	21.0	27.9	36.2	45.8	55.7	65.2	75.4	86.2
82.5°	4.4	7.6	12.1	18.7	26.8	35.7	45.3	55.7	65.9	76.5	88.0
85°	1.2	5.2	11.1	18.4	26.8	36.1	45.5	56.3	67.0	78.0	90.3
87.5°	0.4	5.0	11.1	18.9	27.4	37.4	46.5	57.6	68.6	80.1	93.2
90°	0.0	5.6	12.1	20.2	29.0	39.5	48.4	59.7	70.9	83.0	96.7
92.5°	0.4	5.0	11.1	18.9	27.4	37.4	46.5	57.6	68.6	80.1	93.2
95°	1.2	5.2	11.1	18.4	26.8	36.1	45.5	56.3	67.0	78.0	90.3
97.5°	4.4	7.6	12.1	18.7	26.8	35.7	45.3	55.7	65.9	76.5	88.0
100°	9.0	11.6	15.5	21.0	27.9	36.2	45.8	55.7	65.2	75.4	86.2
102.5°	12.9	15.4	18.9	23.8	29.9	37.5	46.3	55.9	64.7	74.7	84.9
105°	13.8	18.3	21.8	26.1	32.0	38.7	46.4	54.7	62.9	72.8	83.2
107.5°	14.8	19.1	23.6	28.3	33.4	39.2	46.3	53.0	61.1	70.2	80.0
110°	16.0	19.9	24.5	29.4	33.7	39.3	45.1	51.3	58.9	67.5	76.8



TEST NUMBER: P231985

CATALOG NUMBER: FVS4WM-4-LD4-35-2STD-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°	16.9	21.0	25.2	29.4	33.9	38.3	43.2	49.4	56.6	64.7	73.7
115°	17.9	21.9	25.9	30.1	34.1	37.5	41.2	47.1	54.0	61.6	71.0
117.5°	19.3	23.1	27.1	30.6	33.9	37.5	41.3	45.6	51.0	58.9	68.0
120°	20.6	24.4	27.6	30.8	34.2	37.8	41.7	45.9	50.6	56.5	64.6
122.5°	21.0	25.0	28.2	31.4	34.8	38.4	42.3	46.6	51.8	57.0	62.7
125°	21.2	25.2	29.0	32.1	35.6	39.3	43.2	47.7	52.4	57.4	62.9
127.5°	21.3	25.2	29.5	33.4	36.7	40.2	44.1	48.2	52.7	57.7	63.3
130°	21.7	25.8	29.9	34.0	37.4	40.8	44.5	48.6	52.9	58.0	63.4
132.5°	21.7	25.6	29.5	33.6	37.7	41.1	44.7	48.7	53.3	58.1	62.8
135°	21.2	25.0	28.9	32.9	37.0	41.0	44.9	49.1	53.0	57.2	61.8
137.5°	20.7	24.5	28.3	32.3	36.5	40.8	44.6	48.1	51.8	55.9	60.3
140°	20.4	24.2	28.0	31.8	35.5	39.1	42.7	46.4	50.1	53.8	57.7
142.5°	19.9	23.4	26.9	30.4	33.8	37.3	40.8	44.0	47.1	50.6	54.4
145°	19.0	22.3	25.6	28.9	32.1	35.2	38.2	41.2	44.1	47.0	50.3
147.5°	18.0	21.0	24.1	27.0	30.0	32.9	35.7	38.5	41.3	44.2	47.1
150°	16.8	19.6	22.4	25.2	27.9	30.6	33.4	36.2	38.9	41.8	44.7
152.5°	15.7	18.3	20.9	23.6	26.2	28.8	31.5	34.2	36.8	39.5	42.0
155°	14.7	17.2	19.7	22.2	24.7	27.2	29.6	31.9	34.3	36.6	39.0
157.5°	13.9	16.1	18.4	20.6	22.9	25.1	27.3	29.6	31.8	34.0	36.3
160°	12.8	14.9	17.0	19.1	21.1	23.2	25.2	27.3	29.3	31.3	33.3
162.5°	11.8	13.7	15.6	17.5	19.3	21.2	23.0	24.9	26.6	28.3	30.0
165°	10.8	12.4	14.0	15.7	17.3	18.9	20.4	22.0	23.5	25.0	26.4
167.5°	9.4	10.8	12.2	13.5	14.8	16.1	17.4	18.6	19.9	21.1	22.3
170°	7.6	8.7	9.9	11.1	12.3	13.4	14.6	15.7	16.8	17.9	18.9
172.5°	6.9	7.7	8.6	9.5	10.3	11.1	12.0	12.8	13.6	14.3	15.1
175°	5.4	6.0	6.6	7.1	7.7	8.2	8.7	9.3	9.8	10.3	10.7
177.5°	3.2	3.5	3.8	4.1	4.5	4.8	5.1	5.4	5.7	6.0	6.3
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: P231985

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

CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
0°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
2.5°	6.5	6.8	7.1	7.3	7.6	7.8	8.1	8.3	8.5	8.7	8.9
5°	11.2	11.6	12.0	12.5	12.8	13.2	13.5	13.9	14.2	14.6	15.0
7.5°	15.8	16.5	17.2	17.9	18.5	19.0	19.6	20.1	20.5	21.0	21.4
10°	20.0	20.9	21.9	22.7	23.6	24.4	25.2	26.0	26.7	27.3	27.8
12.5°	23.6	24.9	26.1	27.3	28.4	29.6	30.6	31.5	32.4	33.3	34.1
15°	27.7	29.1	30.4	31.6	33.0	34.3	35.6	36.8	38.0	39.1	40.1
17.5°	31.7	33.3	34.9	36.4	37.8	39.2	40.6	42.0	43.4	44.7	45.9
20°	35.3	37.2	39.0	40.8	42.5	44.2	45.7	47.2	48.7	50.2	51.7
22.5°	38.5	40.7	42.8	45.0	46.9	48.8	50.7	52.4	54.1	55.7	57.4
25°	41.5	43.9	46.3	48.7	51.0	53.3	55.4	57.4	59.4	61.2	64.7
27.5°	44.5	46.9	49.6	52.2	54.8	57.4	61.6	65.9	70.3	74.8	79.1
30°	47.6	50.3	52.9	56.6	61.1	65.9	71.0	76.3	81.7	87.1	92.6
32.5°	50.2	54.2	58.7	63.2	68.0	73.4	79.0	85.1	91.5	98.1	104.8
35°	54.4	58.7	63.5	68.6	74.0	79.8	86.1	92.7	100.0	107.7	115.7
37.5°	58.5	63.0	67.7	73.0	78.8	85.2	92.1	99.6	107.4	116.2	125.4
40°	62.0	66.7	71.7	77.1	83.1	89.7	97.2	105.5	114.2	123.5	134.2
42.5°	64.8	69.7	75.1	80.9	87.0	93.8	101.5	110.5	120.3	130.5	141.9
45°	66.8	72.1	77.8	84.1	90.8	97.7	105.7	114.6	125.5	136.9	148.8
47.5°	68.0	73.7	79.9	86.5	93.9	101.6	109.4	118.9	130.0	142.7	155.8
50°	68.8	74.8	81.3	88.5	96.4	104.9	113.5	123.0	134.1	147.5	160.7
52.5°	69.3	75.5	82.4	89.9	98.3	109.5	120.4	130.0	140.6	152.6	165.8
55°	69.3	76.1	83.7	94.5	105.9	117.6	129.0	138.6	147.9	158.3	171.5
57.5°	69.4	79.4	90.0	101.2	113.5	125.9	137.7	148.1	156.1	165.6	177.8
60°	73.7	84.1	95.6	107.6	120.6	134.1	147.0	158.2	165.8	174.0	184.6
62.5°	77.2	88.4	100.7	113.7	127.2	142.2	156.1	168.0	176.4	183.2	192.0
65°	81.0	92.0	105.3	119.4	133.9	149.6	165.0	178.1	187.6	192.9	200.0
67.5°	84.7	95.5	109.5	124.8	140.4	156.9	174.0	188.7	199.6	203.5	209.5
70°	87.8	99.7	113.3	129.9	146.8	164.1	183.0	199.0	210.4	214.2	217.4
72.5°	91.1	103.8	116.8	135.0	152.8	169.4	186.6	200.8	210.7	215.0	218.3
75°	94.7	107.1	119.5	135.5	152.5	169.5	186.1	200.0	209.9	215.6	219.1
77.5°	96.0	108.2	120.8	135.6	152.7	170.0	186.6	199.9	209.4	216.0	219.9
80°	97.4	109.9	122.6	136.6	153.4	171.0	188.0	200.6	209.1	216.3	220.8
82.5°	99.3	112.1	125.0	138.5	154.8	172.5	190.1	201.9	209.1	216.6	221.6
85°	101.6	115.0	127.9	141.1	156.8	174.6	192.9	203.6	209.3	216.9	222.6
87.5°	104.5	118.4	131.4	144.4	159.5	177.3	196.2	205.7	209.8	217.2	223.7
90°	108.0	122.5	135.4	148.3	162.8	180.6	199.9	208.0	210.4	217.6	224.9
92.5°	104.5	118.4	131.4	144.4	159.5	177.3	196.2	205.7	209.8	217.2	223.7
95°	101.6	115.0	127.9	141.1	156.8	174.6	192.9	203.6	209.3	216.9	222.6
97.5°	99.3	112.1	125.0	138.5	154.8	172.5	190.1	201.9	209.1	216.6	221.6
100°	97.4	109.9	122.6	136.6	153.4	171.0	188.0	200.6	209.1	216.3	220.8
102.5°	96.0	108.2	120.8	135.6	152.7	170.0	186.6	199.9	209.4	216.0	219.9
105°	94.7	107.1	119.5	135.5	152.5	169.5	186.1	200.0	209.9	215.6	219.1
107.5°	91.1	103.8	116.8	135.0	152.8	169.4	186.6	200.8	210.7	215.0	218.3
110°	87.8	99.7	113.3	129.9	146.8	164.1	183.0	199.0	210.4	214.2	217.4



TEST NUMBER: P231985

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

CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
112.5°	84.7	95.5	109.5	124.8	140.4	156.9	174.0	188.7	199.6	203.5	209.5
115°	81.0	92.0	105.3	119.4	133.9	149.6	165.0	178.1	187.6	192.9	200.0
117.5°	77.2	88.4	100.7	113.7	127.2	142.2	156.1	168.0	176.4	183.2	192.0
120°	73.7	84.1	95.6	107.6	120.6	134.1	147.0	158.2	165.8	174.0	184.6
122.5°	69.4	79.4	90.0	101.2	113.5	125.9	137.7	148.1	156.1	165.6	177.8
125°	69.3	76.1	83.7	94.5	105.9	117.6	129.0	138.6	147.9	158.3	171.5
127.5°	69.3	75.5	82.4	89.9	98.3	109.5	120.4	130.0	140.6	152.6	165.8
130°	68.8	74.8	81.3	88.5	96.4	104.9	113.5	123.0	134.1	147.5	160.7
132.5°	68.0	73.7	79.9	86.5	93.9	101.6	109.4	118.9	130.0	142.7	155.8
135°	66.8	72.1	77.8	84.1	90.8	97.7	105.7	114.6	125.5	136.9	148.8
137.5°	64.8	69.7	75.1	80.9	87.0	93.8	101.5	110.5	120.3	130.5	141.9
140°	62.0	66.7	71.7	77.1	83.1	89.7	97.2	105.5	114.2	123.5	134.2
142.5°	58.5	63.0	67.7	73.0	78.8	85.2	92.1	99.6	107.4	116.2	125.4
145°	54.4	58.7	63.5	68.6	74.0	79.8	86.1	92.7	100.0	107.7	115.7
147.5°	50.2	54.2	58.7	63.2	68.0	73.4	79.0	85.1	91.5	98.1	104.8
150°	47.6	50.3	52.9	56.6	61.1	65.9	71.0	76.3	81.7	87.1	92.6
152.5°	44.5	46.9	49.6	52.2	54.8	57.4	61.6	65.9	70.3	74.8	79.1
155°	41.5	43.9	46.3	48.7	51.0	53.3	55.4	57.4	59.4	61.2	64.7
157.5°	38.5	40.7	42.8	45.0	46.9	48.8	50.7	52.4	54.1	55.7	57.4
160°	35.3	37.2	39.0	40.8	42.5	44.2	45.7	47.2	48.7	50.2	51.7
162.5°	31.7	33.3	34.9	36.4	37.8	39.2	40.6	42.0	43.4	44.7	45.9
165°	27.7	29.1	30.4	31.6	33.0	34.3	35.6	36.8	38.0	39.1	40.1
167.5°	23.6	24.9	26.1	27.3	28.4	29.6	30.6	31.5	32.4	33.3	34.1
170°	20.0	20.9	21.9	22.7	23.6	24.4	25.2	26.0	26.7	27.3	27.8
172.5°	15.8	16.5	17.2	17.9	18.5	19.0	19.6	20.1	20.5	21.0	21.4
175°	11.2	11.6	12.0	12.5	12.8	13.2	13.5	13.9	14.2	14.6	15.0
177.5°	6.5	6.8	7.1	7.3	7.6	7.8	8.1	8.3	8.5	8.7	8.9
180°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0



TEST NUMBER: P231985

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

CANDELA DISTRIBUTION (continued):

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
0°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
2.5°	9.1	9.3	9.4	9.6	9.7	9.8	9.9	10.0	10.1	10.2	11.4
5°	15.4	15.8	16.2	16.5	16.8	17.1	17.4	17.6	17.8	18.0	20.3
7.5°	21.7	22.1	22.6	23.2	23.7	24.2	24.6	25.1	25.4	25.8	29.2
10°	28.4	28.8	29.3	29.7	30.3	31.1	31.8	32.4	33.0	33.6	38.0
12.5°	34.8	35.4	36.0	36.5	37.0	37.8	38.8	39.7	40.6	41.3	46.7
15°	41.0	41.9	42.6	43.3	43.9	44.5	45.7	46.9	48.1	49.1	55.4
17.5°	47.1	48.1	49.1	50.0	50.8	51.5	52.4	54.0	55.5	56.9	64.0
20°	53.0	54.3	55.4	56.6	57.5	58.4	59.2	61.0	62.9	64.7	72.6
22.5°	58.9	60.3	61.7	62.9	64.1	65.2	66.2	68.0	70.3	72.5	81.1
25°	68.2	71.6	74.9	78.1	81.0	83.8	86.4	89.3	92.8	95.9	105.3
27.5°	83.4	87.7	92.0	96.1	99.9	103.7	107.3	110.8	115.2	119.3	129.7
30°	97.8	102.9	108.2	113.4	118.3	123.0	127.7	132.2	137.6	142.6	154.1
32.5°	111.3	117.4	123.7	130.0	136.1	142.0	147.8	153.5	159.9	166.0	178.5
35°	123.9	131.2	138.4	146.0	153.4	160.5	167.6	174.6	182.1	189.4	202.9
37.5°	135.0	144.3	152.6	161.4	170.6	178.6	187.0	195.5	204.2	212.8	227.2
40°	145.1	156.4	166.3	176.1	186.5	196.4	206.1	216.2	226.3	236.1	251.6
42.5°	154.4	167.3	179.4	190.8	202.3	213.8	225.3	236.7	248.2	259.5	276.0
45°	162.9	177.4	192.0	204.5	217.7	231.0	243.6	257.0	270.1	282.9	300.3
47.5°	170.3	185.0	199.9	212.3	224.7	237.9	251.1	265.6	280.8	296.2	316.5
50°	174.0	188.5	203.2	216.3	228.7	242.5	257.1	273.5	291.2	309.4	332.6
52.5°	178.8	192.8	207.0	220.6	232.8	247.2	263.1	281.2	301.5	322.7	348.9
55°	184.5	197.8	211.4	225.2	237.4	252.0	268.9	288.8	311.6	335.9	365.3
57.5°	190.6	203.4	216.4	230.0	242.2	256.9	274.6	296.2	321.7	349.2	381.8
60°	197.2	209.8	222.3	235.0	247.3	261.9	280.3	303.5	331.6	362.4	398.4
62.5°	204.2	216.6	228.1	240.4	252.6	266.9	285.9	310.7	341.5	375.7	415.0
65°	211.8	223.9	234.7	246.2	258.1	272.1	291.4	317.8	351.4	388.9	431.6
67.5°	219.8	231.4	241.9	252.3	263.8	277.4	297.0	324.8	361.2	402.2	448.3
70°	224.9	234.8	243.9	252.6	263.0	275.8	295.2	322.9	359.5	402.7	451.1
72.5°	224.9	234.0	242.7	250.8	260.7	273.4	293.0	320.8	357.8	403.1	453.7
75°	225.3	233.6	241.8	249.3	258.6	271.1	291.0	318.9	356.1	403.6	458.1
77.5°	226.0	233.5	241.0	247.9	256.6	268.8	289.1	317.1	354.4	404.0	460.1
80°	227.0	233.6	240.5	246.8	254.7	266.7	287.4	315.5	352.9	404.5	462.1
82.5°	228.2	234.0	240.0	245.7	252.9	264.7	285.8	314.0	351.4	404.9	464.1
85°	229.7	234.6	239.7	244.9	251.3	262.8	284.4	312.6	349.9	405.4	466.0
87.5°	231.3	235.4	239.5	244.1	249.7	261.1	283.2	311.5	348.6	405.8	468.0
90°	233.0	236.2	239.4	243.4	248.3	259.6	282.1	310.4	347.4	406.3	470.0
92.5°	231.3	235.4	239.5	244.1	249.7	261.1	283.2	311.5	348.6	405.8	468.0
95°	229.7	234.6	239.7	244.9	251.3	262.8	284.4	312.6	349.9	405.4	466.0
97.5°	228.2	234.0	240.0	245.7	252.9	264.7	285.8	314.0	351.4	404.9	464.1
100°	227.0	233.6	240.5	246.8	254.7	266.7	287.4	315.5	352.9	404.5	462.1
102.5°	226.0	233.5	241.0	247.9	256.6	268.8	289.1	317.1	354.4	404.0	460.1
105°	225.3	233.6	241.8	249.3	258.6	271.1	291.0	318.9	356.1	403.6	458.1
107.5°	224.9	234.0	242.7	250.8	260.7	273.4	293.0	320.8	357.8	403.1	453.7
110°	224.9	234.8	243.9	252.6	263.0	275.8	295.2	322.9	359.5	402.7	451.1



TEST NUMBER: P231985

CATALOG NUMBER: FVS4WM-4-LD4-35-2STD-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°	219.8	231.4	241.9	252.3	263.8	277.4	297.0	324.8	361.2	402.2	448.3
115°	211.8	223.9	234.7	246.2	258.1	272.1	291.4	317.8	351.4	388.9	431.6
117.5°	204.2	216.6	228.1	240.4	252.6	266.9	285.9	310.7	341.5	375.7	415.0
120°	197.2	209.8	222.3	235.0	247.3	261.9	280.3	303.5	331.6	362.4	398.4
122.5°	190.6	203.4	216.4	230.0	242.2	256.9	274.6	296.2	321.7	349.2	381.8
125°	184.5	197.8	211.4	225.2	237.4	252.0	268.9	288.8	311.6	335.9	365.3
127.5°	178.8	192.8	207.0	220.6	232.8	247.2	263.1	281.2	301.5	322.7	348.9
130°	174.0	188.5	203.2	216.3	228.7	242.5	257.1	273.5	291.2	309.4	332.6
132.5°	170.3	185.0	199.9	212.3	224.7	237.9	251.1	265.6	280.8	296.2	316.5
135°	162.9	177.4	192.0	204.5	217.7	231.0	243.6	257.0	270.1	282.9	300.3
137.5°	154.4	167.3	179.4	190.8	202.3	213.8	225.3	236.7	248.2	259.5	276.0
140°	145.1	156.4	166.3	176.1	186.5	196.4	206.1	216.2	226.3	236.1	251.6
142.5°	135.0	144.3	152.6	161.4	170.6	178.6	187.0	195.5	204.2	212.8	227.2
145°	123.9	131.2	138.4	146.0	153.4	160.5	167.6	174.6	182.1	189.4	202.9
147.5°	111.3	117.4	123.7	130.0	136.1	142.0	147.8	153.5	159.9	166.0	178.5
150°	97.8	102.9	108.2	113.4	118.3	123.0	127.7	132.2	137.6	142.6	154.1
152.5°	83.4	87.7	92.0	96.1	99.9	103.7	107.3	110.8	115.2	119.3	129.7
155°	68.2	71.6	74.9	78.1	81.0	83.8	86.4	89.3	92.8	95.9	105.3
157.5°	58.9	60.3	61.7	62.9	64.1	65.2	66.2	68.0	70.3	72.5	81.1
160°	53.0	54.3	55.4	56.6	57.5	58.4	59.2	61.0	62.9	64.7	72.6
162.5°	47.1	48.1	49.1	50.0	50.8	51.5	52.4	54.0	55.5	56.9	64.0
165°	41.0	41.9	42.6	43.3	43.9	44.5	45.7	46.9	48.1	49.1	55.4
167.5°	34.8	35.4	36.0	36.5	37.0	37.8	38.8	39.7	40.6	41.3	46.7
170°	28.4	28.8	29.3	29.7	30.3	31.1	31.8	32.4	33.0	33.6	38.0
172.5°	21.7	22.1	22.6	23.2	23.7	24.2	24.6	25.1	25.4	25.8	29.2
175°	15.4	15.8	16.2	16.5	16.8	17.1	17.4	17.6	17.8	18.0	20.3
177.5°	9.1	9.3	9.4	9.6	9.7	9.8	9.9	10.0	10.1	10.2	11.4
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: P231985

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

CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
0°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
2.5°	12.6	13.7	14.9	16.0	17.1	18.1	19.2	20.2	21.1	22.1	23.0
5°	22.6	24.9	27.1	29.3	31.4	33.5	35.5	37.5	39.4	41.2	43.0
7.5°	32.5	35.9	39.1	42.3	45.4	48.5	51.5	54.8	58.0	61.1	64.1
10°	42.4	46.7	50.9	55.0	59.2	63.7	68.1	72.4	76.6	80.6	84.8
12.5°	52.1	57.3	62.4	67.7	73.3	78.9	84.2	89.5	94.3	98.6	102.7
15°	61.6	67.7	73.8	80.5	87.1	93.6	99.9	105.6	111.1	116.5	122.2
17.5°	71.1	78.0	85.4	93.0	100.5	107.9	115.0	121.9	128.5	135.2	141.7
20°	80.4	88.1	96.7	105.2	113.6	122.2	130.6	138.6	146.9	154.9	162.5
22.5°	89.6	98.4	107.8	117.1	127.0	136.9	146.5	156.4	166.0	175.2	183.9
25°	114.4	123.8	133.2	142.4	151.9	161.0	170.3	179.2	187.8	196.2	206.3
27.5°	139.8	150.3	160.7	170.9	181.0	190.9	200.9	210.4	219.6	228.4	235.0
30°	165.1	176.8	188.3	199.0	210.2	220.4	230.9	240.9	250.4	257.9	264.3
32.5°	190.6	203.3	215.3	226.6	237.9	249.3	260.1	270.3	279.0	286.1	290.1
35°	216.1	229.6	242.2	253.8	265.8	278.4	288.4	298.5	306.2	311.9	312.7
37.5°	241.6	256.0	268.7	280.6	293.3	305.1	315.9	324.9	333.5	334.1	334.3
40°	266.9	282.2	294.9	307.3	320.3	331.8	342.3	350.6	355.1	355.7	353.5
42.5°	292.3	308.2	320.8	333.7	346.7	357.7	367.3	375.8	376.4	375.3	372.0
45°	317.5	333.8	346.3	359.6	372.2	382.9	391.8	396.9	397.2	393.8	390.8
47.5°	337.2	356.8	373.3	390.5	404.9	415.8	422.7	420.5	416.1	411.9	409.1
50°	356.9	380.4	402.0	425.0	444.5	460.4	471.9	474.0	469.1	458.4	443.9
52.5°	377.0	404.8	432.2	461.1	486.3	507.6	523.3	531.6	531.8	523.2	511.3
55°	397.3	430.0	463.5	498.5	529.9	557.1	578.2	592.3	597.9	590.1	575.7
57.5°	418.0	455.7	495.8	537.2	575.2	608.7	636.4	656.9	664.3	656.2	637.2
60°	438.8	482.1	529.1	577.1	621.8	662.0	697.5	725.0	732.1	719.2	699.5
62.5°	459.8	508.9	563.1	618.1	669.6	717.1	760.8	796.3	801.3	780.2	758.9
65°	481.0	536.1	597.7	659.9	718.7	774.1	825.9	865.8	871.4	839.3	815.4
67.5°	502.2	563.6	632.8	702.5	768.6	832.6	893.0	934.0	933.7	897.8	869.5
70°	506.7	569.0	640.3	713.7	785.3	858.7	930.8	979.6	983.2	953.2	922.9
72.5°	510.6	572.1	643.2	716.6	788.3	864.2	938.4	988.4	997.2	980.0	957.6
75°	514.2	574.7	645.3	718.6	790.3	868.9	945.3	998.9	1016.2	1010.0	990.8
77.5°	517.6	576.9	646.7	719.8	791.4	872.8	951.4	1010.8	1039.4	1042.6	1024.6
80°	522.6	578.5	647.4	720.2	791.6	875.8	956.5	1023.5	1065.6	1077.4	1058.9
82.5°	524.7	581.2	649.8	719.8	790.9	877.8	960.6	1036.4	1094.0	1113.7	1093.8
85°	526.9	581.2	647.9	720.1	790.9	881.1	966.3	1052.1	1123.4	1150.8	1129.2
87.5°	529.0	581.2	646.0	717.1	787.2	879.1	966.0	1061.7	1153.6	1188.7	1165.0
90°	531.2	581.2	644.1	714.2	783.5	877.0	965.7	1071.3	1180.9	1225.3	1201.9
92.5°	529.0	581.2	646.0	717.1	787.2	879.1	966.0	1061.7	1153.6	1188.7	1165.0
95°	526.9	581.2	647.9	720.1	790.9	881.1	966.3	1052.1	1123.4	1150.8	1129.2
97.5°	524.7	581.2	649.8	719.8	790.9	877.8	960.6	1036.4	1094.0	1113.7	1093.8
100°	522.6	578.5	647.4	720.2	791.6	875.8	956.5	1023.5	1065.6	1077.4	1058.9
102.5°	517.6	576.9	646.7	719.8	791.4	872.8	951.4	1010.8	1039.4	1042.6	1024.6
105°	514.2	574.7	645.3	718.6	790.3	868.9	945.3	998.9	1016.2	1010.0	990.8
107.5°	510.6	572.1	643.2	716.6	788.3	864.2	938.4	988.4	997.2	980.0	957.6
110°	506.7	569.0	640.3	713.7	785.3	858.7	930.8	979.6	983.2	953.2	922.9



TEST NUMBER: P231985

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

CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
112.5°	502.2	563.6	632.8	702.5	768.6	832.6	893.0	934.0	933.7	897.8	869.5
115°	481.0	536.1	597.7	659.9	718.7	774.1	825.9	865.8	871.4	839.3	815.4
117.5°	459.8	508.9	563.1	618.1	669.6	717.1	760.8	796.3	801.3	780.2	758.9
120°	438.8	482.1	529.1	577.1	621.8	662.0	697.5	725.0	732.1	719.2	699.5
122.5°	418.0	455.7	495.8	537.2	575.2	608.7	636.4	656.9	664.3	656.2	637.2
125°	397.3	430.0	463.5	498.5	529.9	557.1	578.2	592.3	597.9	590.1	575.7
127.5°	377.0	404.8	432.2	461.1	486.3	507.6	523.3	531.6	531.8	523.2	511.3
130°	356.9	380.4	402.0	425.0	444.5	460.4	471.9	474.0	469.1	458.4	443.9
132.5°	337.2	356.8	373.3	390.5	404.9	415.8	422.7	420.5	416.1	411.9	409.1
135°	317.5	333.8	346.3	359.6	372.2	382.9	391.8	396.9	397.2	393.8	390.8
137.5°	292.3	308.2	320.8	333.7	346.7	357.7	367.3	375.8	376.4	375.3	372.0
140°	266.9	282.2	294.9	307.3	320.3	331.8	342.3	350.6	355.1	355.7	353.5
142.5°	241.6	256.0	268.7	280.6	293.3	305.1	315.9	324.9	333.5	334.1	334.3
145°	216.1	229.6	242.2	253.8	265.8	278.4	288.4	298.5	306.2	311.9	312.7
147.5°	190.6	203.3	215.3	226.6	237.9	249.3	260.1	270.3	279.0	286.1	290.1
150°	165.1	176.8	188.3	199.0	210.2	220.4	230.9	240.9	250.4	257.9	264.3
152.5°	139.8	150.3	160.7	170.9	181.0	190.9	200.9	210.4	219.6	228.4	235.0
155°	114.4	123.8	133.2	142.4	151.9	161.0	170.3	179.2	187.8	196.2	206.3
157.5°	89.6	98.4	107.8	117.1	127.0	136.9	146.5	156.4	166.0	175.2	183.9
160°	80.4	88.1	96.7	105.2	113.6	122.2	130.6	138.6	146.9	154.9	162.5
162.5°	71.1	78.0	85.4	93.0	100.5	107.9	115.0	121.9	128.5	135.2	141.7
165°	61.6	67.7	73.8	80.5	87.1	93.6	99.9	105.6	111.1	116.5	122.2
167.5°	52.1	57.3	62.4	67.7	73.3	78.9	84.2	89.5	94.3	98.6	102.7
170°	42.4	46.7	50.9	55.0	59.2	63.7	68.1	72.4	76.6	80.6	84.8
172.5°	32.5	35.9	39.1	42.3	45.4	48.5	51.5	54.8	58.0	61.1	64.1
175°	22.6	24.9	27.1	29.3	31.4	33.5	35.5	37.5	39.4	41.2	43.0
177.5°	12.6	13.7	14.9	16.0	17.1	18.1	19.2	20.2	21.1	22.1	23.0
180°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0



TEST NUMBER: P231985

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

CANDELA DISTRIBUTION (continued):

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
0°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
2.5°	23.8	24.7	25.4	26.2	26.9	27.5	28.1	28.7	29.2	29.7	30.1
5°	44.9	46.8	48.6	50.3	51.9	53.4	54.8	56.1	57.3	58.5	59.5
7.5°	67.0	69.7	72.4	74.9	77.1	78.8	80.3	81.6	82.8	83.9	84.8
10°	87.7	90.6	93.3	95.8	98.2	100.4	102.4	104.3	106.0	107.6	109.0
12.5°	106.7	110.3	113.9	117.4	120.7	123.7	126.4	128.9	131.1	132.8	134.0
15°	126.6	131.5	136.1	140.4	144.4	147.6	150.5	153.0	155.1	156.8	158.3
17.5°	147.9	154.4	158.8	163.6	167.8	171.7	175.0	177.9	180.4	182.6	184.4
20°	169.5	176.1	182.1	187.5	192.0	196.2	199.9	202.9	205.1	207.2	209.2
22.5°	192.1	199.4	205.4	210.9	216.2	218.9	221.6	224.3	226.9	229.7	232.6
25°	214.5	221.6	229.2	231.6	234.5	237.5	240.0	242.8	246.0	249.6	253.8
27.5°	240.7	244.4	244.9	247.8	249.8	251.9	255.0	258.5	263.0	267.8	274.2
30°	267.6	268.1	267.9	265.8	263.4	263.6	267.7	272.3	280.5	288.9	297.9
32.5°	290.8	290.3	288.1	286.0	285.1	283.9	286.2	290.1	300.6	315.2	329.5
35°	312.3	310.0	308.1	307.2	307.4	311.0	314.3	323.6	332.1	345.7	364.5
37.5°	331.8	329.6	328.6	329.8	334.0	341.0	351.9	363.0	375.9	388.9	406.8
40°	350.8	349.5	350.5	355.4	364.5	376.9	391.8	407.3	427.3	450.2	474.7
42.5°	370.1	369.8	375.1	384.9	398.7	416.7	435.0	461.6	490.3	522.4	556.1
45°	388.6	393.5	402.1	417.3	437.4	458.6	489.4	521.3	560.5	600.0	642.1
47.5°	410.6	416.5	432.9	453.4	477.7	510.6	546.5	589.2	633.5	679.3	733.8
50°	435.3	445.6	464.6	491.9	525.4	563.1	608.9	656.2	707.6	766.0	829.8
52.5°	501.2	502.2	513.6	534.1	574.6	620.2	669.4	722.6	784.0	853.9	932.1
55°	567.4	568.2	580.4	603.5	636.8	676.6	726.3	789.6	861.9	945.2	1028.4
57.5°	629.5	631.3	644.6	669.4	705.7	746.6	796.5	857.1	942.6	1028.5	1117.3
60°	688.8	689.0	705.6	733.6	769.9	812.6	869.0	944.1	1022.9	1102.5	1200.8
62.5°	746.6	746.6	762.6	791.9	829.2	878.2	943.1	1022.5	1102.5	1189.2	1285.5
65°	800.3	801.7	818.5	847.0	885.0	936.9	1012.8	1093.3	1178.7	1271.1	1375.5
67.5°	850.4	852.9	869.7	898.3	939.3	998.0	1075.3	1157.6	1247.9	1345.2	1466.8
70°	900.6	901.3	916.5	945.5	987.9	1053.6	1132.3	1218.1	1309.0	1410.0	1550.7
72.5°	942.3	946.2	961.6	990.1	1032.4	1105.7	1183.1	1271.2	1358.0	1474.2	1611.4
75°	980.2	986.2	1001.6	1026.7	1068.9	1138.6	1224.1	1315.7	1395.3	1525.0	1662.9
77.5°	1018.1	1025.2	1038.5	1057.1	1094.9	1160.5	1245.5	1336.4	1435.4	1565.2	1706.2
80°	1055.9	1063.2	1072.7	1082.4	1113.7	1176.2	1261.7	1354.4	1465.2	1598.4	1752.5
82.5°	1093.8	1100.4	1104.7	1103.9	1126.7	1186.5	1272.7	1369.8	1486.1	1623.6	1787.8
85°	1131.5	1137.1	1135.3	1122.7	1135.2	1192.0	1278.7	1381.6	1498.4	1640.5	1811.6
87.5°	1169.2	1173.3	1164.9	1139.7	1141.0	1194.7	1282.1	1391.9	1506.1	1653.2	1829.6
90°	1206.7	1209.2	1194.6	1157.6	1145.5	1192.2	1276.9	1391.3	1500.2	1647.7	1823.4
92.5°	1169.2	1173.3	1164.9	1139.7	1141.0	1194.7	1282.1	1391.9	1506.1	1653.2	1829.6
95°	1131.5	1137.1	1135.3	1122.7	1135.2	1192.0	1278.7	1381.6	1498.4	1640.5	1811.6
97.5°	1093.8	1100.4	1104.7	1103.9	1126.7	1186.5	1272.7	1369.8	1486.1	1623.6	1787.8
100°	1055.9	1063.2	1072.7	1082.4	1113.7	1176.2	1261.7	1354.4	1465.2	1598.4	1752.5
102.5°	1018.1	1025.2	1038.5	1057.1	1094.9	1160.5	1245.5	1336.4	1435.4	1565.2	1706.2
105°	980.2	986.2	1001.6	1026.7	1068.9	1138.6	1224.1	1315.7	1395.3	1525.0	1662.9
107.5°	942.3	946.2	961.6	990.1	1032.4	1105.7	1183.1	1271.2	1358.0	1474.2	1611.4
110°	900.6	901.3	916.5	945.5	987.9	1053.6	1132.3	1218.1	1309.0	1410.0	1550.7



TEST NUMBER: P231985

CATALOG NUMBER: FVS4WM-4-LD4-35-2STD-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°	850.4	852.9	869.7	898.3	939.3	998.0	1075.3	1157.6	1247.9	1345.2	1466.8
115°	800.3	801.7	818.5	847.0	885.0	936.9	1012.8	1093.3	1178.7	1271.1	1375.5
117.5°	746.6	746.6	762.6	791.9	829.2	878.2	943.1	1022.5	1102.5	1189.2	1285.5
120°	688.8	689.0	705.6	733.6	769.9	812.6	869.0	944.1	1022.9	1102.5	1200.8
122.5°	629.5	631.3	644.6	669.4	705.7	746.6	796.5	857.1	942.6	1028.5	1117.3
125°	567.4	568.2	580.4	603.5	636.8	676.6	726.3	789.6	861.9	945.2	1028.4
127.5°	501.2	502.2	513.6	534.1	574.6	620.2	669.4	722.6	784.0	853.9	932.1
130°	435.3	445.6	464.6	491.9	525.4	563.1	608.9	656.2	707.6	766.0	829.8
132.5°	410.6	416.5	432.9	453.4	477.7	510.6	546.5	589.2	633.5	679.3	733.8
135°	388.6	393.5	402.1	417.3	437.4	458.6	489.4	521.3	560.5	600.0	642.1
137.5°	370.1	369.8	375.1	384.9	398.7	416.7	435.0	461.6	490.3	522.4	556.1
140°	350.8	349.5	350.5	355.4	364.5	376.9	391.8	407.3	427.3	450.2	474.7
142.5°	331.8	329.6	328.6	329.8	334.0	341.0	351.9	363.0	375.9	388.9	406.8
145°	312.3	310.0	308.1	307.2	307.4	311.0	314.3	323.6	332.1	345.7	364.5
147.5°	290.8	290.3	288.1	286.0	285.1	283.9	286.2	290.1	300.6	315.2	329.5
150°	267.6	268.1	267.9	265.8	263.4	263.6	267.7	272.3	280.5	288.9	297.9
152.5°	240.7	244.4	244.9	247.8	249.8	251.9	255.0	258.5	263.0	267.8	274.2
155°	214.5	221.6	229.2	231.6	234.5	237.5	240.0	242.8	246.0	249.6	253.8
157.5°	192.1	199.4	205.4	210.9	216.2	218.9	221.6	224.3	226.9	229.7	232.6
160°	169.5	176.1	182.1	187.5	192.0	196.2	199.9	202.9	205.1	207.2	209.2
162.5°	147.9	154.4	158.8	163.6	167.8	171.7	175.0	177.9	180.4	182.6	184.4
165°	126.6	131.5	136.1	140.4	144.4	147.6	150.5	153.0	155.1	156.8	158.3
167.5°	106.7	110.3	113.9	117.4	120.7	123.7	126.4	128.9	131.1	132.8	134.0
170°	87.7	90.6	93.3	95.8	98.2	100.4	102.4	104.3	106.0	107.6	109.0
172.5°	67.0	69.7	72.4	74.9	77.1	78.8	80.3	81.6	82.8	83.9	84.8
175°	44.9	46.8	48.6	50.3	51.9	53.4	54.8	56.1	57.3	58.5	59.5
177.5°	23.8	24.7	25.4	26.2	26.9	27.5	28.1	28.7	29.2	29.7	30.1
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: P231985

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CANDELA DISTRIBUTION (continued):

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
0°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
2.5°	30.4	30.8	31.0	31.2	31.4	31.5	32.5	32.2	31.8	31.5	31.2
5°	60.4	61.1	61.8	62.4	62.8	63.2	63.4	63.5	64.4	63.8	63.2
7.5°	85.6	86.2	86.7	87.1	87.3	87.3	87.2	87.0	86.6	86.7	85.7
10°	110.1	111.0	111.7	112.2	112.5	112.5	112.4	112.0	111.5	111.5	110.1
12.5°	135.0	135.6	136.0	136.1	136.0	135.5	134.8	133.9	132.7	131.3	130.0
15°	159.5	160.4	161.0	161.3	161.3	161.0	160.3	159.3	158.0	156.5	155.1
17.5°	185.8	186.9	187.9	188.6	189.0	189.2	189.1	188.7	188.0	186.9	186.3
20°	211.0	212.9	214.9	216.9	218.7	220.3	221.7	222.7	223.5	223.8	224.8
22.5°	235.6	238.7	242.0	245.2	248.2	251.1	253.7	256.0	257.9	259.3	261.6
25°	258.2	262.6	267.1	272.7	278.0	282.9	287.4	291.5	295.0	297.9	300.1
27.5°	281.5	288.8	295.9	304.1	313.2	321.7	329.4	336.3	342.3	347.4	351.5
30°	309.6	321.8	333.6	345.0	358.1	370.5	382.0	392.6	402.1	410.4	417.3
32.5°	344.5	361.2	377.7	393.7	411.6	429.9	446.6	461.6	474.9	486.2	495.5
35°	383.5	407.5	432.3	455.8	479.1	504.9	528.4	549.4	567.8	583.4	596.2
37.5°	436.4	466.6	501.7	534.7	565.7	596.6	624.9	650.1	671.9	690.3	705.1
40°	504.0	542.0	583.7	623.9	661.2	697.3	730.7	759.0	782.4	800.9	814.8
42.5°	592.5	628.8	674.8	725.9	771.3	811.7	849.3	880.4	905.3	923.9	936.8
45°	685.9	737.3	787.0	844.3	896.9	947.6	984.2	1019.4	1047.3	1067.9	1081.4
47.5°	790.9	853.3	915.6	977.2	1037.3	1089.5	1139.0	1184.0	1220.6	1248.4	1267.2
50°	901.8	972.9	1045.6	1117.3	1195.8	1261.7	1320.9	1375.7	1421.0	1456.3	1481.1
52.5°	1010.8	1090.2	1177.8	1267.5	1361.8	1448.8	1518.7	1585.7	1645.9	1697.6	1738.8
55°	1113.9	1209.5	1310.2	1418.2	1526.5	1633.5	1722.5	1793.7	1857.8	1915.6	1964.9
57.5°	1215.7	1325.2	1441.2	1564.9	1692.8	1790.3	1884.3	1962.5	2034.6	2102.0	2162.2
60°	1313.2	1435.6	1571.0	1700.1	1818.1	1922.7	2016.2	2103.2	2183.0	2255.6	2319.7
62.5°	1403.1	1546.6	1686.4	1818.6	1931.6	2037.5	2133.4	2225.7	2303.3	2375.6	2440.4
65°	1507.3	1645.1	1789.3	1914.3	2028.4	2135.5	2230.2	2317.7	2402.7	2479.1	2543.2
67.5°	1604.7	1746.2	1873.0	1993.0	2107.4	2212.1	2313.7	2412.2	2500.7	2572.5	2633.4
70°	1687.4	1828.3	1952.9	2061.5	2169.5	2282.5	2392.1	2489.1	2581.0	2663.2	2722.8
72.5°	1756.7	1901.2	2019.0	2127.1	2233.8	2342.3	2451.1	2557.1	2665.1	2750.7	2799.4
75°	1818.8	1953.8	2071.1	2183.1	2294.8	2398.1	2500.3	2609.2	2708.6	2804.1	2862.1
77.5°	1869.4	1997.7	2112.3	2228.4	2340.0	2447.1	2547.1	2634.1	2749.7	2846.5	2911.7
80°	1905.1	2028.7	2142.9	2260.3	2373.7	2487.0	2583.0	2683.4	2790.7	2886.7	2934.8
82.5°	1934.6	2055.7	2171.9	2285.9	2395.8	2505.4	2609.9	2714.2	2829.9	2906.1	2952.4
85°	1955.1	2072.4	2190.4	2303.4	2412.6	2527.1	2624.2	2727.8	2839.4	2921.3	2964.4
87.5°	1971.1	2079.0	2197.9	2308.5	2415.7	2539.0	2632.7	2742.7	2853.9	2936.6	2969.3
90°	1966.1	2075.7	2194.2	2301.4	2405.4	2536.0	2626.3	2735.1	2852.0	2939.9	2960.0
92.5°	1971.1	2079.0	2197.9	2308.5	2415.7	2539.0	2632.7	2742.7	2853.9	2936.6	2969.3
95°	1955.1	2072.4	2190.4	2303.4	2412.6	2527.1	2624.2	2727.8	2839.4	2921.3	2964.4
97.5°	1934.6	2055.7	2171.9	2285.9	2395.8	2505.4	2609.9	2714.2	2829.9	2906.1	2952.4
100°	1905.1	2028.7	2142.9	2260.3	2373.7	2487.0	2583.0	2683.4	2790.7	2886.7	2934.8
102.5°	1869.4	1997.7	2112.3	2228.4	2340.0	2447.1	2547.1	2634.1	2749.7	2846.5	2911.7
105°	1818.8	1953.8	2071.1	2183.1	2294.8	2398.1	2500.3	2609.2	2708.6	2804.1	2862.1
107.5°	1756.7	1901.2	2019.0	2127.1	2233.8	2342.3	2451.1	2557.1	2665.1	2750.7	2799.4
110°	1687.4	1828.3	1952.9	2061.5	2169.5	2282.5	2392.1	2489.1	2581.0	2663.2	2722.8



TEST NUMBER: P231985

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

CANDELA DISTRIBUTION (continued):

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
112.5°	1604.7	1746.2	1873.0	1993.0	2107.4	2212.1	2313.7	2412.2	2500.7	2572.5	2633.4
115°	1507.3	1645.1	1789.3	1914.3	2028.4	2135.5	2230.2	2317.7	2402.7	2479.1	2543.2
117.5°	1403.1	1546.6	1686.4	1818.6	1931.6	2037.5	2133.4	2225.7	2303.3	2375.6	2440.4
120°	1313.2	1435.6	1571.0	1700.1	1818.1	1922.7	2016.2	2103.2	2183.0	2255.6	2319.7
122.5°	1215.7	1325.2	1441.2	1564.9	1692.8	1790.3	1884.3	1962.5	2034.6	2102.0	2162.2
125°	1113.9	1209.5	1310.2	1418.2	1526.5	1633.5	1722.5	1793.7	1857.8	1915.6	1964.9
127.5°	1010.8	1090.2	1177.8	1267.5	1361.8	1448.8	1518.7	1585.7	1645.9	1697.6	1738.8
130°	901.8	972.9	1045.6	1117.3	1195.8	1261.7	1320.9	1375.7	1421.0	1456.3	1481.1
132.5°	790.9	853.3	915.6	977.2	1037.3	1089.5	1139.0	1184.0	1220.6	1248.4	1267.2
135°	685.9	737.3	787.0	844.3	896.9	947.6	984.2	1019.4	1047.3	1067.9	1081.4
137.5°	592.5	628.8	674.8	725.9	771.3	811.7	849.3	880.4	905.3	923.9	936.8
140°	504.0	542.0	583.7	623.9	661.2	697.3	730.7	759.0	782.4	800.9	814.8
142.5°	436.4	466.6	501.7	534.7	565.7	596.6	624.9	650.1	671.9	690.3	705.1
145°	383.5	407.5	432.3	455.8	479.1	504.9	528.4	549.4	567.8	583.4	596.2
147.5°	344.5	361.2	377.7	393.7	411.6	429.9	446.6	461.6	474.9	486.2	495.5
150°	309.6	321.8	333.6	345.0	358.1	370.5	382.0	392.6	402.1	410.4	417.3
152.5°	281.5	288.8	295.9	304.1	313.2	321.7	329.4	336.3	342.3	347.4	351.5
155°	258.2	262.6	267.1	272.7	278.0	282.9	287.4	291.5	295.0	297.9	300.1
157.5°	235.6	238.7	242.0	245.2	248.2	251.1	253.7	256.0	257.9	259.3	261.6
160°	211.0	212.9	214.9	216.9	218.7	220.3	221.7	222.7	223.5	223.8	224.8
162.5°	185.8	186.9	187.9	188.6	189.0	189.2	189.1	188.7	188.0	186.9	186.3
165°	159.5	160.4	161.0	161.3	161.3	161.0	160.3	159.3	158.0	156.5	155.1
167.5°	135.0	135.6	136.0	136.1	136.0	135.5	134.8	133.9	132.7	131.3	130.0
170°	110.1	111.0	111.7	112.2	112.5	112.5	112.4	112.0	111.5	111.5	110.1
172.5°	85.6	86.2	86.7	87.1	87.3	87.3	87.2	87.0	86.6	86.7	85.7
175°	60.4	61.1	61.8	62.4	62.8	63.2	63.4	63.5	64.4	63.8	63.2
177.5°	30.4	30.8	31.0	31.2	31.4	31.5	32.5	32.2	31.8	31.5	31.2
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: P231985

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

CANDELA DISTRIBUTION (continued):

	357.5°	360°
0°	2.4	2.4
2.5°	30.9	30.6
5°	62.7	62.1
7.5°	84.8	83.8
10°	108.6	107.2
12.5°	127.9	125.8
15°	152.5	149.9
17.5°	183.9	181.4
20°	223.3	221.7
22.5°	261.0	260.4
25°	302.0	302.3
27.5°	355.1	356.3
30°	423.5	426.4
32.5°	503.9	507.8
35°	607.5	612.6
37.5°	718.2	723.9
40°	826.2	829.5
42.5°	946.6	946.4
45°	1091.2	1088.2
47.5°	1281.5	1277.7
50°	1500.7	1497.7
52.5°	1775.5	1782.3
55°	2010.9	2029.0
57.5°	2219.9	2250.6
60°	2380.0	2416.7
62.5°	2496.7	2543.3
65°	2595.6	2637.6
67.5°	2683.6	2723.8
70°	2766.5	2797.2
72.5°	2833.7	2856.0
75°	2885.7	2897.1
77.5°	2935.3	2951.1
80°	2958.9	2971.3
82.5°	2983.6	2999.5
85°	2991.7	3005.2
87.5°	2984.5	3017.2
90°	2981.8	3004.4
92.5°	2984.5	3017.2
95°	2991.7	3005.2
97.5°	2983.6	2999.5
100°	2958.9	2971.3
102.5°	2935.3	2951.1
105°	2885.7	2897.1
107.5°	2833.7	2856.0
110°	2766.5	2797.2



TEST NUMBER: P231985

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

CANDELA DISTRIBUTION (continued):

	357.5°	360°
112.5°	2683.6	2723.8
115°	2595.6	2637.6
117.5°	2496.7	2543.3
120°	2380.0	2416.7
122.5°	2219.9	2250.6
125°	2010.9	2029.0
127.5°	1775.5	1782.3
130°	1500.7	1497.7
132.5°	1281.5	1277.7
135°	1091.2	1088.2
137.5°	946.6	946.4
140°	826.2	829.5
142.5°	718.2	723.9
145°	607.5	612.6
147.5°	503.9	507.8
150°	423.5	426.4
152.5°	355.1	356.3
155°	302.0	302.3
157.5°	261.0	260.4
160°	223.3	221.7
162.5°	183.9	181.4
165°	152.5	149.9
167.5°	127.9	125.8
170°	108.6	107.2
172.5°	84.8	83.8
175°	62.7	62.1
177.5°	30.9	30.6
180°	2.0	2.0

(END OF REPORT)