

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: P231984

Luminaire Tested: **FVS4WM-4-LD4-30-2STD-P125-UNV-EDC1**

Issue Date: 3/3/2020



Test Information

Test Method: LM-79-08
Report Number: P231984
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-LD4-30-2STD-P125-UNV-EDC1
Description: FAILSAFE FVS LED FIXTURE
4FT LENGTH, 2-MODULE LED WITH P125 LENS
Light Source: (168) 3000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

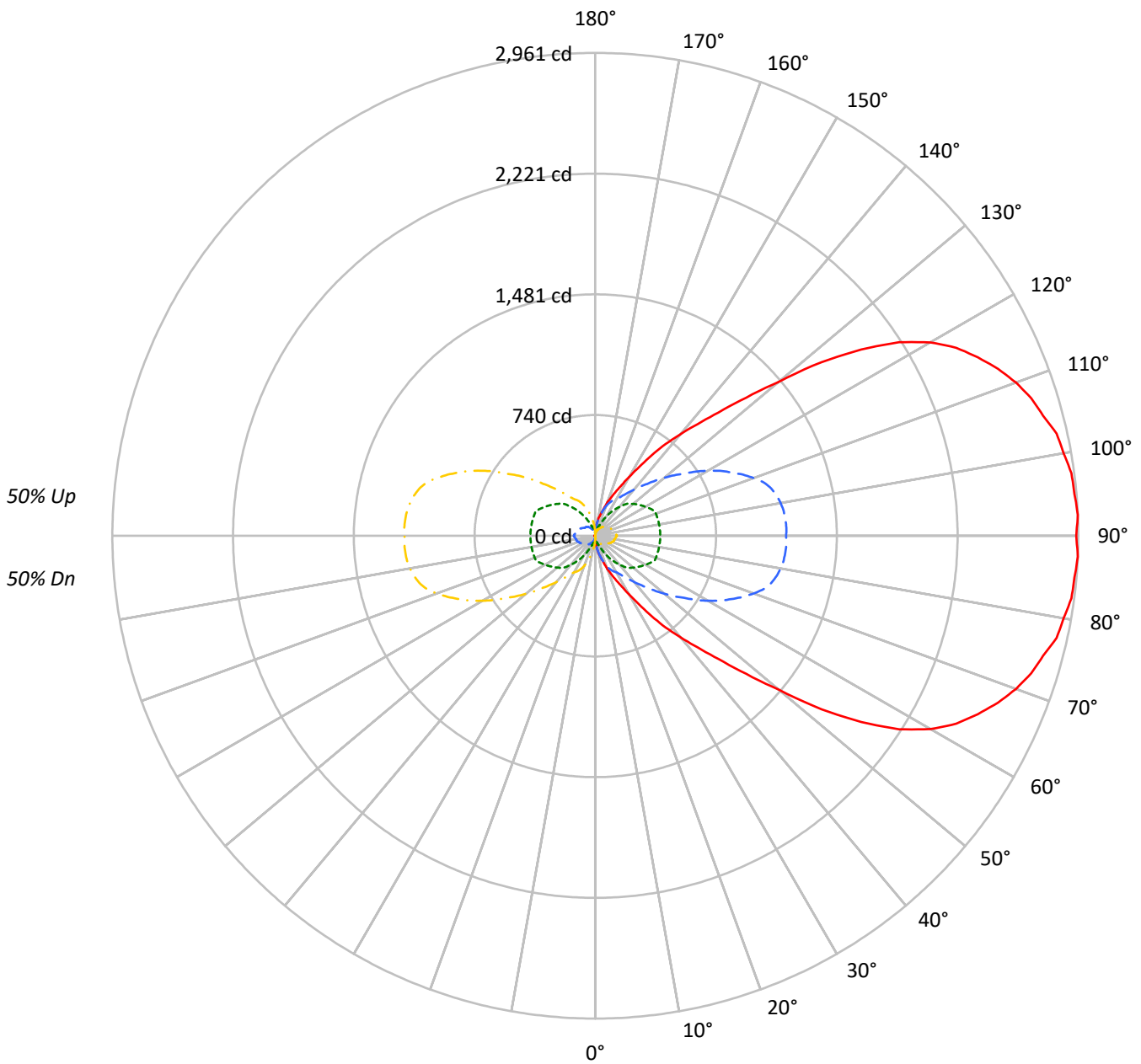
Lumens per Lamp: N/A
Luminaire Lumens: 6850.0 lumens
Efficiency: N/A
Efficacy: 101.5 lumens/watt
Spacing Criteria (0/90/45): 21.32 / 13.68 / 14.53
Luminous Opening: Rectangular w/ Sides (W: 3.79' x L: 0.19' x H: 0.31')
CIE Type: General Diffuse

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°	808	267	32	267
10°	1250	500	19	500
15°	1594	741	26	741
20°	2181	995	24	995
25°	2788	1514	23	1514
30°	3728	2336	21	2336
35°	5127	3249	20	3249
40°	6707	4283	20	4283
45°	8574	5491	26	5491
50°	11592	6512	25	6512
55°	15547	7784	25	7784
60°	18475	9425	25	9425
65°	20270	11621	25	11621
70°	21778	14261	25	14261
75°	23033	17716	32	17716
80°	24322	23583	0	23583
85°	25549	35584	0	35584



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	3.5	0.1
10°-20°	22.9	0.3
20°-30°	63.3	0.9
30°-40°	139.8	2.0
40°-50°	270.8	4.0
50°-60°	476.1	7.0
60°-70°	691.5	10.1
70°-80°	841.9	12.3
80°-90°	915.1	13.4
90°-100°	915.1	13.4
100°-110°	841.9	12.3
110°-120°	691.5	10.1
120°-130°	476.1	7.0
130°-140°	270.8	4.0
140°-150°	139.8	2.0
150°-160°	63.3	0.9
160°-170°	22.9	0.3
170°-180°	3.5	0.1
0°-30°	89.7	1.3
0°-40°	229.6	3.4
0°-60°	976.4	14.3
0°-90°	3425.0	50.0
90°-120°	2448.5	35.7
90°-150°	3335.2	48.7
90°-180°	3425.0	50.0
0°-180°	6850.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	2	2	2	2	2	
5°	61	18	2	18	61	7
15°	147	48	2	48	147	45
25°	297	94	2	94	297	144
35°	601	186	2	186	601	386
45°	1068	278	3	278	1068	857
55°	1991	330	3	330	1991	1773
65°	2588	382	3	382	2588	2562
75°	2843	396	4	396	2843	3008
85°	2949	398	0	398	2949	2405
90°	2948	399	0	399	2948	1619
95°	2949	398	0	398	2949	2405
105°	2843	396	4	396	2843	3008
115°	2588	382	3	382	2588	2562
125°	1991	330	3	330	1991	1773
135°	1068	278	3	278	1068	857
145°	601	186	2	186	601	386
155°	297	94	2	94	297	144
165°	147	48	2	48	147	45
175°	61	18	2	18	61	7
180°	2	2	2	2	2	



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CANDELA DISTRIBUTION (FULL):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
0°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
2.5°	30.1	30.4	30.7	31.0	31.3	31.6	31.9	30.9	30.8	30.7	30.5
5°	60.9	61.5	62.0	62.6	63.1	62.2	62.1	61.9	61.6	61.2	60.6
7.5°	82.3	83.2	84.2	85.1	85.1	85.4	85.7	85.7	85.7	85.5	85.1
10°	105.2	106.6	108.0	109.4	109.4	109.9	110.3	110.5	110.4	110.1	109.7
12.5°	123.4	125.5	127.6	128.8	130.2	131.4	132.3	133.0	133.4	133.6	133.5
15°	147.1	149.7	152.2	153.5	155.1	156.3	157.3	157.9	158.3	158.3	158.0
17.5°	178.0	180.4	182.8	183.4	184.5	185.2	185.6	185.6	185.5	185.0	184.3
20°	217.5	219.0	220.6	219.5	219.2	218.5	217.5	216.1	214.6	212.8	210.9
22.5°	255.5	256.1	256.7	254.4	253.0	251.1	248.9	246.4	243.6	240.6	237.4
25°	296.6	296.3	294.4	292.3	289.4	286.0	282.0	277.6	272.7	267.5	262.0
27.5°	349.6	348.4	344.9	340.9	335.9	330.0	323.2	315.6	307.4	298.4	290.3
30°	418.4	415.6	409.4	402.7	394.5	385.2	374.8	363.5	351.3	338.5	327.3
32.5°	498.3	494.4	486.2	477.1	466.0	453.0	438.2	421.8	403.8	386.3	370.5
35°	601.1	596.1	585.0	572.5	557.1	539.1	518.5	495.4	470.1	447.3	424.2
37.5°	710.3	704.7	691.9	677.3	659.3	637.9	613.2	585.4	555.1	524.7	492.3
40°	813.9	810.7	799.4	785.8	767.7	744.8	717.0	684.2	648.9	612.3	572.8
42.5°	928.6	928.8	919.2	906.6	888.2	863.9	833.4	796.5	756.8	712.3	662.1
45°	1067.8	1070.8	1061.2	1047.9	1027.6	1000.3	965.7	929.8	880.0	828.4	772.2
47.5°	1253.7	1257.4	1243.4	1224.9	1197.7	1161.9	1117.6	1069.1	1017.9	958.9	898.4
50°	1469.6	1472.5	1453.3	1429.0	1394.3	1349.9	1296.2	1238.0	1173.4	1096.4	1026.0
52.5°	1748.9	1742.3	1706.3	1665.8	1615.0	1555.9	1490.2	1421.6	1336.2	1243.8	1155.7
55°	1990.9	1973.1	1928.1	1879.7	1823.0	1760.1	1690.2	1602.9	1497.8	1391.6	1285.7
57.5°	2208.4	2178.2	2121.7	2062.6	1996.4	1925.7	1849.0	1756.8	1661.1	1535.6	1414.1
60°	2371.4	2335.4	2276.2	2213.3	2142.0	2063.7	1978.4	1886.7	1784.0	1668.2	1541.5
62.5°	2495.6	2449.8	2394.6	2331.0	2260.1	2183.9	2093.3	1999.3	1895.4	1784.5	1654.7
65°	2588.1	2546.9	2495.5	2432.6	2357.6	2274.2	2188.4	2095.5	1990.3	1878.4	1755.8
67.5°	2672.7	2633.3	2584.0	2524.3	2453.9	2366.9	2270.3	2170.6	2067.9	1955.6	1837.9
70°	2744.7	2714.6	2671.8	2613.3	2532.6	2442.4	2347.2	2239.7	2128.8	2022.9	1916.3
72.5°	2802.5	2780.5	2746.9	2699.1	2615.2	2509.1	2405.2	2298.4	2191.9	2087.2	1981.2
75°	2842.8	2831.6	2808.5	2751.5	2657.8	2560.3	2453.4	2353.1	2251.8	2142.2	2032.3
77.5°	2895.8	2880.3	2857.0	2793.1	2698.2	2584.8	2499.3	2401.1	2296.1	2186.6	2072.7
80°	2915.6	2903.4	2879.7	2832.5	2738.4	2633.1	2534.6	2440.3	2329.2	2217.9	2102.6
82.5°	2943.3	2927.6	2897.1	2851.5	2776.8	2663.4	2561.0	2458.4	2350.9	2243.0	2131.1
85°	2948.8	2935.6	2908.8	2866.5	2786.1	2676.7	2575.0	2479.8	2367.4	2260.3	2149.4
87.5°	2960.7	2928.6	2913.6	2881.6	2800.3	2691.2	2583.3	2491.4	2370.4	2265.2	2156.8
90°	2948.0	2925.9	2904.5	2884.7	2798.5	2683.8	2577.0	2488.4	2360.3	2258.3	2153.1
92.5°	2960.7	2928.6	2913.6	2881.6	2800.3	2691.2	2583.3	2491.4	2370.4	2265.2	2156.8
95°	2948.8	2935.6	2908.8	2866.5	2786.1	2676.7	2575.0	2479.8	2367.4	2260.3	2149.4
97.5°	2943.3	2927.6	2897.1	2851.5	2776.8	2663.4	2561.0	2458.4	2350.9	2243.0	2131.1
100°	2915.6	2903.4	2879.7	2832.5	2738.4	2633.1	2534.6	2440.3	2329.2	2217.9	2102.6
102.5°	2895.8	2880.3	2857.0	2793.1	2698.2	2584.8	2499.3	2401.1	2296.1	2186.6	2072.7
105°	2842.8	2831.6	2808.5	2751.5	2657.8	2560.3	2453.4	2353.1	2251.8	2142.2	2032.3
107.5°	2802.5	2780.5	2746.9	2699.1	2615.2	2509.1	2405.2	2298.4	2191.9	2087.2	1981.2
110°	2744.7	2714.6	2671.8	2613.3	2532.6	2442.4	2347.2	2239.7	2128.8	2022.9	1916.3



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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°	2672.7	2633.3	2584.0	2524.3	2453.9	2366.9	2270.3	2170.6	2067.9	1955.6	1837.9
115°	2588.1	2546.9	2495.5	2432.6	2357.6	2274.2	2188.4	2095.5	1990.3	1878.4	1755.8
117.5°	2495.6	2449.8	2394.6	2331.0	2260.1	2183.9	2093.3	1999.3	1895.4	1784.5	1654.7
120°	2371.4	2335.4	2276.2	2213.3	2142.0	2063.7	1978.4	1886.7	1784.0	1668.2	1541.5
122.5°	2208.4	2178.2	2121.7	2062.6	1996.4	1925.7	1849.0	1756.8	1661.1	1535.6	1414.1
125°	1990.9	1973.1	1928.1	1879.7	1823.0	1760.1	1690.2	1602.9	1497.8	1391.6	1285.7
127.5°	1748.9	1742.3	1706.3	1665.8	1615.0	1555.9	1490.2	1421.6	1336.2	1243.8	1155.7
130°	1469.6	1472.5	1453.3	1429.0	1394.3	1349.9	1296.2	1238.0	1173.4	1096.4	1026.0
132.5°	1253.7	1257.4	1243.4	1224.9	1197.7	1161.9	1117.6	1069.1	1017.9	958.9	898.4
135°	1067.8	1070.8	1061.2	1047.9	1027.6	1000.3	965.7	929.8	880.0	828.4	772.2
137.5°	928.6	928.8	919.2	906.6	888.2	863.9	833.4	796.5	756.8	712.3	662.1
140°	813.9	810.7	799.4	785.8	767.7	744.8	717.0	684.2	648.9	612.3	572.8
142.5°	710.3	704.7	691.9	677.3	659.3	637.9	613.2	585.4	555.1	524.7	492.3
145°	601.1	596.1	585.0	572.5	557.1	539.1	518.5	495.4	470.1	447.3	424.2
147.5°	498.3	494.4	486.2	477.1	466.0	453.0	438.2	421.8	403.8	386.3	370.5
150°	418.4	415.6	409.4	402.7	394.5	385.2	374.8	363.5	351.3	338.5	327.3
152.5°	349.6	348.4	344.9	340.9	335.9	330.0	323.2	315.6	307.4	298.4	290.3
155°	296.6	296.3	294.4	292.3	289.4	286.0	282.0	277.6	272.7	267.5	262.0
157.5°	255.5	256.1	256.7	254.4	253.0	251.1	248.9	246.4	243.6	240.6	237.4
160°	217.5	219.0	220.6	219.5	219.2	218.5	217.5	216.1	214.6	212.8	210.9
162.5°	178.0	180.4	182.8	183.4	184.5	185.2	185.6	185.6	185.5	185.0	184.3
165°	147.1	149.7	152.2	153.5	155.1	156.3	157.3	157.9	158.3	158.3	158.0
167.5°	123.4	125.5	127.6	128.8	130.2	131.4	132.3	133.0	133.4	133.6	133.5
170°	105.2	106.6	108.0	109.4	109.4	109.9	110.3	110.5	110.4	110.1	109.7
172.5°	82.3	83.2	84.2	85.1	85.1	85.4	85.7	85.7	85.7	85.5	85.1
175°	60.9	61.5	62.0	62.6	63.1	62.2	62.1	61.9	61.6	61.2	60.6
177.5°	30.1	30.4	30.7	31.0	31.3	31.6	31.9	30.9	30.8	30.7	30.5
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°	30.2	29.9	29.6	29.2	28.7	28.2	27.7	27.1	26.4	25.8	25.0
5°	60.0	59.2	58.3	57.4	56.3	55.1	53.8	52.4	50.9	49.4	47.7
7.5°	84.7	84.0	83.3	82.3	81.3	80.1	78.7	77.3	75.7	73.5	71.0
10°	109.0	108.1	107.0	105.6	104.1	102.4	100.5	98.5	96.4	94.1	91.5
12.5°	133.1	132.4	131.5	130.3	128.7	126.5	124.1	121.4	118.4	115.2	111.8
15°	157.4	156.5	155.3	153.9	152.1	150.1	147.6	144.8	141.6	137.8	133.6
17.5°	183.4	182.3	180.9	179.1	177.0	174.5	171.7	168.4	164.7	160.5	155.9
20°	208.9	207.1	205.3	203.3	201.3	199.1	196.1	192.5	188.4	184.0	178.7
22.5°	234.2	231.2	228.2	225.4	222.7	220.1	217.4	214.8	212.2	207.0	201.5
25°	257.6	253.3	249.1	244.9	241.3	238.3	235.5	233.0	230.1	227.2	224.9
27.5°	283.4	276.3	269.0	262.7	258.0	253.6	250.2	247.2	245.1	243.2	240.3
30°	315.8	303.8	292.4	283.5	275.2	267.1	262.6	258.7	258.5	260.8	262.8
32.5°	354.4	338.1	323.4	309.3	295.0	284.7	280.8	278.6	279.7	280.6	282.7
35°	399.8	376.2	357.7	339.2	325.9	317.6	308.5	305.2	301.6	301.4	302.3
37.5°	457.9	428.2	399.1	381.6	368.8	356.2	345.3	334.7	327.8	323.6	322.4
40°	531.9	494.6	465.7	441.7	419.2	399.6	384.4	369.8	357.7	348.7	343.9
42.5°	617.0	581.5	545.8	512.6	481.1	452.9	426.8	408.9	391.2	377.7	368.1
45°	723.5	673.1	630.1	588.8	550.0	511.5	480.2	449.9	429.2	409.5	394.6
47.5°	837.3	776.1	720.1	666.6	621.7	578.1	536.2	501.0	468.7	445.0	424.8
50°	954.7	884.9	814.2	751.7	694.4	643.9	597.4	552.5	515.6	482.7	456.0
52.5°	1069.8	991.9	914.7	837.9	769.3	709.1	656.8	608.6	563.9	524.0	504.0
55°	1186.8	1093.0	1009.2	927.5	845.8	774.8	712.6	663.9	624.8	592.2	569.5
57.5°	1300.3	1192.9	1096.3	1009.2	925.0	841.0	781.5	732.6	692.4	656.9	632.6
60°	1408.6	1288.5	1178.3	1081.8	1003.7	926.5	852.7	797.4	755.5	719.9	692.3
62.5°	1517.6	1376.7	1261.4	1166.9	1081.9	1003.4	925.5	861.7	813.7	777.0	748.3
65°	1614.3	1479.0	1349.6	1247.3	1156.6	1072.8	993.8	919.3	868.4	831.1	803.2
67.5°	1713.5	1574.6	1439.2	1319.9	1224.5	1135.9	1055.2	979.3	921.7	881.5	853.4
70°	1794.0	1655.8	1521.7	1383.5	1284.4	1195.3	1111.1	1033.9	969.3	927.7	899.2
72.5°	1865.6	1723.8	1581.3	1446.5	1332.5	1247.3	1160.9	1085.0	1013.1	971.6	943.5
75°	1917.2	1784.7	1631.8	1496.5	1369.0	1291.0	1201.1	1117.3	1048.9	1007.4	982.8
77.5°	1960.2	1834.4	1674.2	1535.9	1408.4	1311.3	1222.2	1138.7	1074.4	1037.3	1019.0
80°	1990.7	1869.4	1719.6	1568.4	1437.7	1329.0	1238.0	1154.2	1092.9	1062.1	1052.5
82.5°	2017.1	1898.4	1754.3	1593.2	1458.2	1344.1	1248.8	1164.2	1105.6	1083.2	1084.0
85°	2033.5	1918.4	1777.7	1609.7	1470.2	1355.7	1254.7	1169.6	1113.9	1101.6	1114.0
87.5°	2040.0	1934.1	1795.2	1622.2	1477.8	1365.8	1258.0	1172.4	1119.6	1118.3	1143.1
90°	2036.8	1929.2	1789.2	1616.8	1472.0	1365.2	1252.9	1169.9	1124.0	1135.9	1172.2
92.5°	2040.0	1934.1	1795.2	1622.2	1477.8	1365.8	1258.0	1172.4	1119.6	1118.3	1143.1
95°	2033.5	1918.4	1777.7	1609.7	1470.2	1355.7	1254.7	1169.6	1113.9	1101.6	1114.0
97.5°	2017.1	1898.4	1754.3	1593.2	1458.2	1344.1	1248.8	1164.2	1105.6	1083.2	1084.0
100°	1990.7	1869.4	1719.6	1568.4	1437.7	1329.0	1238.0	1154.2	1092.9	1062.1	1052.5
102.5°	1960.2	1834.4	1674.2	1535.9	1408.4	1311.3	1222.2	1138.7	1074.4	1037.3	1019.0
105°	1917.2	1784.7	1631.8	1496.5	1369.0	1291.0	1201.1	1117.3	1048.9	1007.4	982.8
107.5°	1865.6	1723.8	1581.3	1446.5	1332.5	1247.3	1160.9	1085.0	1013.1	971.6	943.5
110°	1794.0	1655.8	1521.7	1383.5	1284.4	1195.3	1111.1	1033.9	969.3	927.7	899.2



TEST NUMBER: P231984

CATALOG NUMBER: FVS4WM-4-LD4-30-2STD-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°	1713.5	1574.6	1439.2	1319.9	1224.5	1135.9	1055.2	979.3	921.7	881.5	853.4
115°	1614.3	1479.0	1349.6	1247.3	1156.6	1072.8	993.8	919.3	868.4	831.1	803.2
117.5°	1517.6	1376.7	1261.4	1166.9	1081.9	1003.4	925.5	861.7	813.7	777.0	748.3
120°	1408.6	1288.5	1178.3	1081.8	1003.7	926.5	852.7	797.4	755.5	719.9	692.3
122.5°	1300.3	1192.9	1096.3	1009.2	925.0	841.0	781.5	732.6	692.4	656.9	632.6
125°	1186.8	1093.0	1009.2	927.5	845.8	774.8	712.6	663.9	624.8	592.2	569.5
127.5°	1069.8	991.9	914.7	837.9	769.3	709.1	656.8	608.6	563.9	524.0	504.0
130°	954.7	884.9	814.2	751.7	694.4	643.9	597.4	552.5	515.6	482.7	456.0
132.5°	837.3	776.1	720.1	666.6	621.7	578.1	536.2	501.0	468.7	445.0	424.8
135°	723.5	673.1	630.1	588.8	550.0	511.5	480.2	449.9	429.2	409.5	394.6
137.5°	617.0	581.5	545.8	512.6	481.1	452.9	426.8	408.9	391.2	377.7	368.1
140°	531.9	494.6	465.7	441.7	419.2	399.6	384.4	369.8	357.7	348.7	343.9
142.5°	457.9	428.2	399.1	381.6	368.8	356.2	345.3	334.7	327.8	323.6	322.4
145°	399.8	376.2	357.7	339.2	325.9	317.6	308.5	305.2	301.6	301.4	302.3
147.5°	354.4	338.1	323.4	309.3	295.0	284.7	280.8	278.6	279.7	280.6	282.7
150°	315.8	303.8	292.4	283.5	275.2	267.1	262.6	258.7	258.5	260.8	262.8
152.5°	283.4	276.3	269.0	262.7	258.0	253.6	250.2	247.2	245.1	243.2	240.3
155°	257.6	253.3	249.1	244.9	241.3	238.3	235.5	233.0	230.1	227.2	224.9
157.5°	234.2	231.2	228.2	225.4	222.7	220.1	217.4	214.8	212.2	207.0	201.5
160°	208.9	207.1	205.3	203.3	201.3	199.1	196.1	192.5	188.4	184.0	178.7
162.5°	183.4	182.3	180.9	179.1	177.0	174.5	171.7	168.4	164.7	160.5	155.9
165°	157.4	156.5	155.3	153.9	152.1	150.1	147.6	144.8	141.6	137.8	133.6
167.5°	133.1	132.4	131.5	130.3	128.7	126.5	124.1	121.4	118.4	115.2	111.8
170°	109.0	108.1	107.0	105.6	104.1	102.4	100.5	98.5	96.4	94.1	91.5
172.5°	84.7	84.0	83.3	82.3	81.3	80.1	78.7	77.3	75.7	73.5	71.0
175°	60.0	59.2	58.3	57.4	56.3	55.1	53.8	52.4	50.9	49.4	47.7
177.5°	30.2	29.9	29.6	29.2	28.7	28.2	27.7	27.1	26.4	25.8	25.0
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: P231984

CATALOG NUMBER: FVS4WM-4-LD4-30-2STD-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°	24.3	23.4	22.6	21.7	20.8	19.8	18.9	17.8	16.8	15.7	14.6
5°	46.0	44.1	42.3	40.5	38.7	36.8	34.9	32.9	30.9	28.8	26.6
7.5°	68.4	65.7	62.9	60.0	56.9	53.8	50.6	47.6	44.6	41.6	38.4
10°	88.9	86.0	83.2	79.1	75.1	71.0	66.8	62.5	58.1	54.0	50.0
12.5°	108.3	104.7	100.8	96.8	92.5	87.8	82.6	77.4	72.0	66.5	61.3
15°	129.1	124.3	119.9	114.3	109.1	103.6	98.0	91.8	85.5	79.0	72.4
17.5°	151.5	145.1	139.0	132.7	126.1	119.6	112.8	105.8	98.6	91.3	83.8
20°	172.8	166.4	159.4	152.0	144.2	136.1	128.1	119.9	111.4	103.2	94.9
22.5°	195.7	188.4	180.4	171.9	162.9	153.5	143.8	134.3	124.6	114.8	105.7
25°	217.4	210.4	202.4	192.5	184.2	175.8	167.1	158.0	149.1	139.7	130.7
27.5°	239.7	236.2	230.5	224.1	215.5	206.5	197.1	187.3	177.6	167.7	157.6
30°	263.1	262.6	259.4	253.0	245.7	236.3	226.6	216.3	206.2	195.3	184.7
32.5°	284.8	285.3	284.7	280.7	273.7	265.2	255.2	244.6	233.4	222.4	211.3
35°	304.2	306.5	306.9	306.1	300.5	292.9	283.0	273.2	260.8	249.0	237.6
37.5°	323.4	325.5	328.0	327.8	327.3	318.8	310.0	299.4	287.8	275.3	263.7
40°	342.9	344.1	346.8	349.0	348.4	344.0	335.9	325.5	314.2	301.5	289.4
42.5°	362.9	363.1	365.0	368.2	369.3	368.8	360.4	351.0	340.2	327.4	314.7
45°	386.1	381.3	383.4	386.4	389.7	389.5	384.5	375.8	365.2	352.8	339.7
47.5°	408.6	402.9	401.4	404.1	408.2	412.6	414.8	408.0	397.3	383.2	366.3
50°	437.3	427.1	435.5	449.7	460.2	465.1	463.1	451.8	436.2	417.0	394.4
52.5°	492.8	491.8	501.7	513.4	521.8	521.6	513.5	498.1	477.1	452.4	424.0
55°	557.6	556.8	564.8	579.0	586.7	581.1	567.3	546.6	520.0	489.1	454.8
57.5°	619.5	617.7	625.2	643.9	651.8	644.5	624.4	597.3	564.4	527.1	486.5
60°	676.1	675.9	686.4	705.7	718.4	711.4	684.4	649.6	610.1	566.2	519.1
62.5°	732.6	732.7	744.6	765.5	786.3	781.4	746.5	703.7	657.1	606.5	552.5
65°	786.7	785.4	800.1	823.6	855.1	849.6	810.4	759.6	705.2	647.5	586.5
67.5°	836.9	834.4	853.2	880.9	916.2	916.5	876.2	817.0	754.2	689.3	620.9
70°	884.4	883.7	905.6	935.3	964.8	961.3	913.3	842.6	770.6	700.3	628.3
72.5°	928.4	924.6	939.7	961.6	978.5	969.9	920.9	848.0	773.5	703.1	631.1
75°	967.7	961.8	972.3	991.0	997.1	980.2	927.6	852.6	775.5	705.1	633.2
77.5°	1005.9	999.0	1005.4	1023.1	1019.9	991.8	933.6	856.4	776.6	706.3	634.6
80°	1043.2	1036.2	1039.1	1057.2	1045.6	1004.3	938.6	859.4	776.8	706.7	635.2
82.5°	1079.8	1073.3	1073.3	1092.8	1073.5	1016.9	942.6	861.3	776.0	706.3	637.6
85°	1115.7	1110.3	1108.1	1129.2	1102.3	1032.4	948.2	864.7	776.1	706.6	635.7
87.5°	1151.3	1147.3	1143.2	1166.3	1132.0	1041.8	947.9	862.6	772.4	703.7	633.9
90°	1186.5	1184.1	1179.4	1202.3	1158.8	1051.2	947.6	860.6	768.8	700.8	632.0
92.5°	1151.3	1147.3	1143.2	1166.3	1132.0	1041.8	947.9	862.6	772.4	703.7	633.9
95°	1115.7	1110.3	1108.1	1129.2	1102.3	1032.4	948.2	864.7	776.1	706.6	635.7
97.5°	1079.8	1073.3	1073.3	1092.8	1073.5	1016.9	942.6	861.3	776.0	706.3	637.6
100°	1043.2	1036.2	1039.1	1057.2	1045.6	1004.3	938.6	859.4	776.8	706.7	635.2
102.5°	1005.9	999.0	1005.4	1023.1	1019.9	991.8	933.6	856.4	776.6	706.3	634.6
105°	967.7	961.8	972.3	991.0	997.1	980.2	927.6	852.6	775.5	705.1	633.2
107.5°	928.4	924.6	939.7	961.6	978.5	969.9	920.9	848.0	773.5	703.1	631.1
110°	884.4	883.7	905.6	935.3	964.8	961.3	913.3	842.6	770.6	700.3	628.3



TEST NUMBER: P231984

CATALOG NUMBER: FVS4WM-4-LD4-30-2STD-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
112.5°	836.9	834.4	853.2	880.9	916.2	916.5	876.2	817.0	754.2	689.3	620.9
115°	786.7	785.4	800.1	823.6	855.1	849.6	810.4	759.6	705.2	647.5	586.5
117.5°	732.6	732.7	744.6	765.5	786.3	781.4	746.5	703.7	657.1	606.5	552.5
120°	676.1	675.9	686.4	705.7	718.4	711.4	684.4	649.6	610.1	566.2	519.1
122.5°	619.5	617.7	625.2	643.9	651.8	644.5	624.4	597.3	564.4	527.1	486.5
125°	557.6	556.8	564.8	579.0	586.7	581.1	567.3	546.6	520.0	489.1	454.8
127.5°	492.8	491.8	501.7	513.4	521.8	521.6	513.5	498.1	477.1	452.4	424.0
130°	437.3	427.1	435.5	449.7	460.2	465.1	463.1	451.8	436.2	417.0	394.4
132.5°	408.6	402.9	401.4	404.1	408.2	412.6	414.8	408.0	397.3	383.2	366.3
135°	386.1	381.3	383.4	386.4	389.7	389.5	384.5	375.8	365.2	352.8	339.7
137.5°	362.9	363.1	365.0	368.2	369.3	368.8	360.4	351.0	340.2	327.4	314.7
140°	342.9	344.1	346.8	349.0	348.4	344.0	335.9	325.5	314.2	301.5	289.4
142.5°	323.4	325.5	328.0	327.8	327.3	318.8	310.0	299.4	287.8	275.3	263.7
145°	304.2	306.5	306.9	306.1	300.5	292.9	283.0	273.2	260.8	249.0	237.6
147.5°	284.8	285.3	284.7	280.7	273.7	265.2	255.2	244.6	233.4	222.4	211.3
150°	263.1	262.6	259.4	253.0	245.7	236.3	226.6	216.3	206.2	195.3	184.7
152.5°	239.7	236.2	230.5	224.1	215.5	206.5	197.1	187.3	177.6	167.7	157.6
155°	217.4	210.4	202.4	192.5	184.2	175.8	167.1	158.0	149.1	139.7	130.7
157.5°	195.7	188.4	180.4	171.9	162.9	153.5	143.8	134.3	124.6	114.8	105.7
160°	172.8	166.4	159.4	152.0	144.2	136.1	128.1	119.9	111.4	103.2	94.9
162.5°	151.5	145.1	139.0	132.7	126.1	119.6	112.8	105.8	98.6	91.3	83.8
165°	129.1	124.3	119.9	114.3	109.1	103.6	98.0	91.8	85.5	79.0	72.4
167.5°	108.3	104.7	100.8	96.8	92.5	87.8	82.6	77.4	72.0	66.5	61.3
170°	88.9	86.0	83.2	79.1	75.1	71.0	66.8	62.5	58.1	54.0	50.0
172.5°	68.4	65.7	62.9	60.0	56.9	53.8	50.6	47.6	44.6	41.6	38.4
175°	46.0	44.1	42.3	40.5	38.7	36.8	34.9	32.9	30.9	28.8	26.6
177.5°	24.3	23.4	22.6	21.7	20.8	19.8	18.9	17.8	16.8	15.7	14.6
180°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0



TEST NUMBER: P231984

CATALOG NUMBER: FVS4WM-4-LD4-30-2STD-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°	13.5	12.4	11.2	10.0	10.0	9.9	9.8	9.7	9.6	9.4	9.3
5°	24.5	22.2	20.0	17.7	17.5	17.3	17.1	16.8	16.5	16.2	15.9
7.5°	35.2	32.0	28.7	25.3	25.0	24.6	24.2	23.8	23.3	22.8	22.2
10°	45.8	41.6	37.3	33.0	32.4	31.9	31.2	30.5	29.8	29.1	28.8
12.5°	56.2	51.1	45.9	40.6	39.8	39.0	38.1	37.2	36.4	35.9	35.4
15°	66.5	60.5	54.4	48.3	47.2	46.1	44.9	43.7	43.1	42.5	41.9
17.5°	76.5	69.8	62.9	55.9	54.5	53.1	51.5	50.5	49.8	49.1	48.2
20°	86.4	78.9	71.3	63.6	61.8	60.0	58.1	57.3	56.4	55.5	54.4
22.5°	96.5	87.9	79.6	71.2	69.0	66.8	65.0	64.0	62.9	61.8	60.5
25°	121.5	112.3	103.4	94.1	91.1	87.6	84.8	82.3	79.5	76.6	73.5
27.5°	147.5	137.1	127.3	117.1	113.1	108.8	105.3	101.7	98.1	94.2	90.2
30°	173.5	162.1	151.2	140.0	135.1	129.7	125.4	120.7	116.1	111.2	106.2
32.5°	199.5	187.1	175.2	162.9	156.9	150.7	145.1	139.3	133.6	127.6	121.3
35°	225.4	212.1	199.1	185.9	178.7	171.4	164.4	157.5	150.5	143.2	135.8
37.5°	251.2	237.1	223.0	208.8	200.4	191.8	183.5	175.3	167.3	158.3	149.8
40°	276.9	262.0	246.9	231.7	222.0	212.1	202.2	192.7	183.0	172.8	163.2
42.5°	302.5	286.8	270.8	254.7	243.6	232.2	221.0	209.8	198.5	187.2	176.1
45°	327.6	311.6	294.7	277.6	265.1	252.1	239.0	226.6	213.6	200.7	188.5
47.5°	350.1	330.9	310.6	290.6	275.5	260.6	246.3	233.3	220.5	208.3	196.2
50°	373.3	350.3	326.5	303.6	285.7	268.4	252.3	237.9	224.4	212.3	199.4
52.5°	397.2	369.9	342.4	316.6	295.8	275.9	258.1	242.5	228.5	216.5	203.1
55°	421.9	389.9	358.5	329.6	305.8	283.4	263.8	247.3	232.9	221.0	207.5
57.5°	447.2	410.1	374.7	342.7	315.6	290.6	269.4	252.0	237.7	225.7	212.3
60°	473.0	430.6	390.9	355.7	325.4	297.8	275.0	256.9	242.7	230.6	218.1
62.5°	499.4	451.2	407.2	368.7	335.1	304.8	280.5	261.9	247.9	235.9	223.8
65°	526.1	471.9	423.5	381.7	344.8	311.8	285.9	267.0	253.3	241.5	230.3
67.5°	553.0	492.8	439.8	394.7	354.4	318.7	291.4	272.2	258.8	247.5	237.3
70°	558.3	497.2	442.6	395.1	352.8	316.8	289.6	270.7	258.0	247.9	239.3
72.5°	561.4	501.0	445.1	395.6	351.1	314.8	287.5	268.3	255.8	246.1	238.2
75°	564.0	504.5	449.5	396.0	349.4	312.9	285.5	266.0	253.7	244.6	237.2
77.5°	566.0	507.9	451.4	396.5	347.8	311.1	283.7	263.8	251.8	243.3	236.5
80°	567.7	512.8	453.4	396.9	346.3	309.5	282.0	261.7	249.9	242.1	236.0
82.5°	570.3	514.9	455.3	397.4	344.8	308.0	280.4	259.7	248.2	241.2	235.5
85°	570.3	517.1	457.2	397.8	343.4	306.7	279.1	257.9	246.5	240.3	235.2
87.5°	570.3	519.2	459.2	398.3	342.1	305.5	277.9	256.2	245.0	239.6	235.0
90°	570.3	521.3	461.1	398.7	340.9	304.5	276.8	254.7	243.6	238.9	234.9
92.5°	570.3	519.2	459.2	398.3	342.1	305.5	277.9	256.2	245.0	239.6	235.0
95°	570.3	517.1	457.2	397.8	343.4	306.7	279.1	257.9	246.5	240.3	235.2
97.5°	570.3	514.9	455.3	397.4	344.8	308.0	280.4	259.7	248.2	241.2	235.5
100°	567.7	512.8	453.4	396.9	346.3	309.5	282.0	261.7	249.9	242.1	236.0
102.5°	566.0	507.9	451.4	396.5	347.8	311.1	283.7	263.8	251.8	243.3	236.5
105°	564.0	504.5	449.5	396.0	349.4	312.9	285.5	266.0	253.7	244.6	237.2
107.5°	561.4	501.0	445.1	395.6	351.1	314.8	287.5	268.3	255.8	246.1	238.2
110°	558.3	497.2	442.6	395.1	352.8	316.8	289.6	270.7	258.0	247.9	239.3



TEST NUMBER: P231984

CATALOG NUMBER: FVS4WM-4-LD4-30-2STD-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°	553.0	492.8	439.8	394.7	354.4	318.7	291.4	272.2	258.8	247.5	237.3
115°	526.1	471.9	423.5	381.7	344.8	311.8	285.9	267.0	253.3	241.5	230.3
117.5°	499.4	451.2	407.2	368.7	335.1	304.8	280.5	261.9	247.9	235.9	223.8
120°	473.0	430.6	390.9	355.7	325.4	297.8	275.0	256.9	242.7	230.6	218.1
122.5°	447.2	410.1	374.7	342.7	315.6	290.6	269.4	252.0	237.7	225.7	212.3
125°	421.9	389.9	358.5	329.6	305.8	283.4	263.8	247.3	232.9	221.0	207.5
127.5°	397.2	369.9	342.4	316.6	295.8	275.9	258.1	242.5	228.5	216.5	203.1
130°	373.3	350.3	326.5	303.6	285.7	268.4	252.3	237.9	224.4	212.3	199.4
132.5°	350.1	330.9	310.6	290.6	275.5	260.6	246.3	233.3	220.5	208.3	196.2
135°	327.6	311.6	294.7	277.6	265.1	252.1	239.0	226.6	213.6	200.7	188.5
137.5°	302.5	286.8	270.8	254.7	243.6	232.2	221.0	209.8	198.5	187.2	176.1
140°	276.9	262.0	246.9	231.7	222.0	212.1	202.2	192.7	183.0	172.8	163.2
142.5°	251.2	237.1	223.0	208.8	200.4	191.8	183.5	175.3	167.3	158.3	149.8
145°	225.4	212.1	199.1	185.9	178.7	171.4	164.4	157.5	150.5	143.2	135.8
147.5°	199.5	187.1	175.2	162.9	156.9	150.7	145.1	139.3	133.6	127.6	121.3
150°	173.5	162.1	151.2	140.0	135.1	129.7	125.4	120.7	116.1	111.2	106.2
152.5°	147.5	137.1	127.3	117.1	113.1	108.8	105.3	101.7	98.1	94.2	90.2
155°	121.5	112.3	103.4	94.1	91.1	87.6	84.8	82.3	79.5	76.6	73.5
157.5°	96.5	87.9	79.6	71.2	69.0	66.8	65.0	64.0	62.9	61.8	60.5
160°	86.4	78.9	71.3	63.6	61.8	60.0	58.1	57.3	56.4	55.5	54.4
162.5°	76.5	69.8	62.9	55.9	54.5	53.1	51.5	50.5	49.8	49.1	48.2
165°	66.5	60.5	54.4	48.3	47.2	46.1	44.9	43.7	43.1	42.5	41.9
167.5°	56.2	51.1	45.9	40.6	39.8	39.0	38.1	37.2	36.4	35.9	35.4
170°	45.8	41.6	37.3	33.0	32.4	31.9	31.2	30.5	29.8	29.1	28.8
172.5°	35.2	32.0	28.7	25.3	25.0	24.6	24.2	23.8	23.3	22.8	22.2
175°	24.5	22.2	20.0	17.7	17.5	17.3	17.1	16.8	16.5	16.2	15.9
177.5°	13.5	12.4	11.2	10.0	10.0	9.9	9.8	9.7	9.6	9.4	9.3
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: P231984

CATALOG NUMBER: FVS4WM-4-LD4-30-2STD-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°	9.1	9.0	8.8	8.6	8.4	8.2	8.0	7.7	7.5	7.2	7.0
5°	15.6	15.2	14.8	14.4	13.9	13.6	13.3	13.0	12.6	12.3	11.9
7.5°	21.7	21.4	21.0	20.6	20.2	19.7	19.2	18.7	18.2	17.6	16.9
10°	28.3	27.9	27.4	26.8	26.2	25.5	24.8	24.0	23.2	22.3	21.5
12.5°	34.8	34.2	33.5	32.7	31.8	30.9	30.0	29.0	27.9	26.8	25.6
15°	41.2	40.3	39.3	38.4	37.3	36.2	35.0	33.7	32.4	31.1	29.8
17.5°	47.2	46.2	45.1	43.9	42.6	41.2	39.8	38.5	37.1	35.7	34.2
20°	53.3	52.0	50.7	49.3	47.8	46.3	44.8	43.3	41.7	40.0	38.3
22.5°	59.2	57.8	56.3	54.7	53.1	51.4	49.7	47.9	46.0	44.1	42.1
25°	70.2	66.9	63.4	60.0	58.2	56.3	54.4	52.4	50.1	47.8	45.5
27.5°	86.1	81.8	77.6	73.3	69.0	64.7	60.4	56.3	53.8	51.3	48.7
30°	101.0	95.9	90.8	85.5	80.1	74.9	69.7	64.7	60.0	55.5	51.9
32.5°	115.2	109.2	102.8	96.2	89.8	83.5	77.6	72.0	66.8	62.0	57.5
35°	128.7	121.5	113.5	105.7	98.1	91.0	84.5	78.3	72.6	67.3	62.3
37.5°	141.5	132.4	123.1	114.0	105.4	97.7	90.4	83.6	77.3	71.6	66.4
40°	153.5	142.4	131.6	121.2	112.1	103.5	95.4	88.0	81.5	75.7	70.4
42.5°	164.2	151.4	139.3	128.1	118.0	108.4	99.5	92.1	85.4	79.5	73.8
45°	174.1	159.8	146.1	134.4	123.2	112.4	103.7	95.9	89.1	82.6	76.3
47.5°	181.5	167.1	152.9	140.0	127.5	116.6	107.4	99.7	92.2	84.9	78.4
50°	184.9	170.8	157.7	144.7	131.6	120.8	111.4	103.0	94.6	86.9	79.8
52.5°	189.1	175.4	162.7	149.7	137.9	127.6	118.2	107.5	96.5	88.2	80.9
55°	194.0	181.0	168.3	155.3	145.2	136.0	126.6	115.4	103.9	92.8	82.2
57.5°	199.6	187.0	174.4	162.5	153.2	145.4	135.2	123.5	111.4	99.3	88.3
60°	205.8	193.5	181.2	170.8	162.8	155.3	144.2	131.6	118.4	105.6	93.8
62.5°	212.6	200.4	188.4	179.7	173.1	164.8	153.1	139.5	124.9	111.6	98.8
65°	219.7	207.8	196.3	189.3	184.1	174.8	161.9	146.9	131.4	117.1	103.4
67.5°	227.1	215.7	205.6	199.7	195.8	185.2	170.8	154.0	137.8	122.4	107.5
70°	230.4	220.7	213.3	210.2	206.4	195.3	179.6	161.0	144.1	127.6	111.2
72.5°	229.6	220.7	214.2	211.0	206.7	197.0	183.2	166.2	150.0	132.6	114.7
75°	229.2	221.0	215.0	211.6	205.9	196.2	182.7	166.3	149.6	133.0	117.3
77.5°	229.1	221.7	215.8	212.0	205.4	196.2	183.2	166.8	149.8	133.2	118.6
80°	229.3	222.7	216.6	212.3	205.2	196.9	184.5	167.8	150.6	134.1	120.4
82.5°	229.7	223.9	217.5	212.6	205.2	198.1	186.6	169.3	152.0	135.9	122.7
85°	230.3	225.4	218.5	212.8	205.4	199.8	189.3	171.3	154.0	138.4	125.5
87.5°	231.0	226.9	219.5	213.2	205.8	201.9	192.6	174.0	156.6	141.6	128.9
90°	231.8	228.6	220.7	213.6	206.4	204.1	196.2	177.2	159.8	145.5	132.9
92.5°	231.0	226.9	219.5	213.2	205.8	201.9	192.6	174.0	156.6	141.6	128.9
95°	230.3	225.4	218.5	212.8	205.4	199.8	189.3	171.3	154.0	138.4	125.5
97.5°	229.7	223.9	217.5	212.6	205.2	198.1	186.6	169.3	152.0	135.9	122.7
100°	229.3	222.7	216.6	212.3	205.2	196.9	184.5	167.8	150.6	134.1	120.4
102.5°	229.1	221.7	215.8	212.0	205.4	196.2	183.2	166.8	149.8	133.2	118.6
105°	229.2	221.0	215.0	211.6	205.9	196.2	182.7	166.3	149.6	133.0	117.3
107.5°	229.6	220.7	214.2	211.0	206.7	197.0	183.2	166.2	150.0	132.6	114.7
110°	230.4	220.7	213.3	210.2	206.4	195.3	179.6	161.0	144.1	127.6	111.2



TEST NUMBER: P231984

CATALOG NUMBER: FVS4WM-4-LD4-30-2STD-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
112.5°	227.1	215.7	205.6	199.7	195.8	185.2	170.8	154.0	137.8	122.4	107.5
115°	219.7	207.8	196.3	189.3	184.1	174.8	161.9	146.9	131.4	117.1	103.4
117.5°	212.6	200.4	188.4	179.7	173.1	164.8	153.1	139.5	124.9	111.6	98.8
120°	205.8	193.5	181.2	170.8	162.8	155.3	144.2	131.6	118.4	105.6	93.8
122.5°	199.6	187.0	174.4	162.5	153.2	145.4	135.2	123.5	111.4	99.3	88.3
125°	194.0	181.0	168.3	155.3	145.2	136.0	126.6	115.4	103.9	92.8	82.2
127.5°	189.1	175.4	162.7	149.7	137.9	127.6	118.2	107.5	96.5	88.2	80.9
130°	184.9	170.8	157.7	144.7	131.6	120.8	111.4	103.0	94.6	86.9	79.8
132.5°	181.5	167.1	152.9	140.0	127.5	116.6	107.4	99.7	92.2	84.9	78.4
135°	174.1	159.8	146.1	134.4	123.2	112.4	103.7	95.9	89.1	82.6	76.3
137.5°	164.2	151.4	139.3	128.1	118.0	108.4	99.5	92.1	85.4	79.5	73.8
140°	153.5	142.4	131.6	121.2	112.1	103.5	95.4	88.0	81.5	75.7	70.4
142.5°	141.5	132.4	123.1	114.0	105.4	97.7	90.4	83.6	77.3	71.6	66.4
145°	128.7	121.5	113.5	105.7	98.1	91.0	84.5	78.3	72.6	67.3	62.3
147.5°	115.2	109.2	102.8	96.2	89.8	83.5	77.6	72.0	66.8	62.0	57.5
150°	101.0	95.9	90.8	85.5	80.1	74.9	69.7	64.7	60.0	55.5	51.9
152.5°	86.1	81.8	77.6	73.3	69.0	64.7	60.4	56.3	53.8	51.3	48.7
155°	70.2	66.9	63.4	60.0	58.2	56.3	54.4	52.4	50.1	47.8	45.5
157.5°	59.2	57.8	56.3	54.7	53.1	51.4	49.7	47.9	46.0	44.1	42.1
160°	53.3	52.0	50.7	49.3	47.8	46.3	44.8	43.3	41.7	40.0	38.3
162.5°	47.2	46.2	45.1	43.9	42.6	41.2	39.8	38.5	37.1	35.7	34.2
165°	41.2	40.3	39.3	38.4	37.3	36.2	35.0	33.7	32.4	31.1	29.8
167.5°	34.8	34.2	33.5	32.7	31.8	30.9	30.0	29.0	27.9	26.8	25.6
170°	28.3	27.9	27.4	26.8	26.2	25.5	24.8	24.0	23.2	22.3	21.5
172.5°	21.7	21.4	21.0	20.6	20.2	19.7	19.2	18.7	18.2	17.6	16.9
175°	15.6	15.2	14.8	14.4	13.9	13.6	13.3	13.0	12.6	12.3	11.9
177.5°	9.1	9.0	8.8	8.6	8.4	8.2	8.0	7.7	7.5	7.2	7.0
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: P231984

CATALOG NUMBER: FVS4WM-4-LD4-30-2STD-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°	6.7	6.4	6.2	5.9	5.6	5.3	5.0	4.7	4.4	4.1	3.8
5°	11.4	11.0	10.6	10.1	9.6	9.1	8.6	8.1	7.6	7.0	6.5
7.5°	16.3	15.6	14.8	14.1	13.3	12.6	11.8	11.0	10.2	9.3	8.5
10°	20.6	19.6	18.6	17.6	16.5	15.4	14.3	13.2	12.1	10.9	9.8
12.5°	24.4	23.2	21.9	20.7	19.5	18.3	17.1	15.8	14.6	13.3	12.0
15°	28.5	27.2	25.9	24.5	23.1	21.6	20.1	18.5	17.0	15.4	13.8
17.5°	32.7	31.1	29.5	27.8	26.1	24.4	22.6	20.8	19.0	17.2	15.3
20°	36.5	34.7	32.7	30.8	28.8	26.8	24.8	22.8	20.8	18.7	16.7
22.5°	39.9	37.8	35.6	33.4	31.2	29.0	26.8	24.6	22.5	20.3	18.1
25°	43.1	40.7	38.3	36.0	33.7	31.4	29.0	26.7	24.2	21.8	19.4
27.5°	46.1	43.6	41.2	38.7	36.2	33.5	30.9	28.2	25.7	23.1	20.6
30°	49.3	46.7	43.9	41.0	38.1	35.5	32.8	30.1	27.4	24.7	22.0
32.5°	53.2	49.2	46.2	43.4	40.6	37.8	35.0	32.3	29.4	26.5	23.6
35°	57.5	53.4	49.4	46.1	43.3	40.4	37.5	34.5	31.5	28.4	25.2
37.5°	61.8	57.4	53.4	49.7	46.2	43.2	40.0	36.6	33.2	29.8	26.4
40°	65.5	60.9	56.6	52.8	49.1	45.5	42.0	38.4	34.8	31.2	27.5
42.5°	68.4	63.6	59.1	54.8	50.9	47.2	43.8	40.0	35.8	31.7	27.7
45°	70.7	65.5	60.6	56.1	52.1	48.1	44.1	40.2	36.3	32.3	28.3
47.5°	72.3	66.7	61.7	57.0	52.3	47.8	43.8	40.3	37.0	32.9	28.9
50°	73.4	67.6	62.2	56.9	51.9	47.6	43.7	40.1	36.7	33.4	29.3
52.5°	74.1	68.0	62.0	56.6	51.7	47.3	43.3	39.5	36.0	32.7	29.0
55°	74.6	67.9	61.7	56.3	51.4	46.8	42.4	38.5	34.9	31.6	28.5
57.5°	77.9	68.1	61.5	56.0	50.8	45.7	41.5	37.7	34.1	30.8	27.7
60°	82.6	72.3	63.4	55.5	49.6	45.0	40.9	37.1	33.6	30.2	27.0
62.5°	86.7	75.8	66.8	57.8	50.0	44.8	40.5	36.8	33.3	30.0	26.5
65°	90.3	79.5	69.7	60.4	53.0	46.2	40.5	36.8	33.4	29.5	25.4
67.5°	93.8	83.2	72.3	63.5	55.6	48.5	42.4	37.6	33.2	28.8	24.8
70°	97.8	86.2	75.4	66.2	57.8	50.4	44.3	38.5	33.0	28.8	24.1
72.5°	101.9	89.4	78.5	68.9	59.9	52.1	45.4	38.4	32.8	27.8	23.2
75°	105.1	92.9	81.7	71.4	61.7	53.7	45.6	37.9	31.4	25.6	21.4
77.5°	106.2	94.2	83.3	73.3	63.6	54.9	45.4	36.9	29.4	23.3	18.6
80°	107.8	95.6	84.6	74.0	64.1	54.7	44.9	35.5	27.4	20.6	15.2
82.5°	110.0	97.4	86.4	75.1	64.8	54.7	44.5	35.1	26.3	18.4	11.8
85°	112.8	99.7	88.6	76.6	65.8	55.2	44.7	35.5	26.3	18.1	10.8
87.5°	116.2	102.5	91.5	78.7	67.4	56.5	45.7	36.7	27.0	18.5	10.9
90°	120.2	106.0	94.9	81.5	69.6	58.5	47.5	38.8	28.5	19.8	11.9
92.5°	116.2	102.5	91.5	78.7	67.4	56.5	45.7	36.7	27.0	18.5	10.9
95°	112.8	99.7	88.6	76.6	65.8	55.2	44.7	35.5	26.3	18.1	10.8
97.5°	110.0	97.4	86.4	75.1	64.8	54.7	44.5	35.1	26.3	18.4	11.8
100°	107.8	95.6	84.6	74.0	64.1	54.7	44.9	35.5	27.4	20.6	15.2
102.5°	106.2	94.2	83.3	73.3	63.6	54.9	45.4	36.9	29.4	23.3	18.6
105°	105.1	92.9	81.7	71.4	61.7	53.7	45.6	37.9	31.4	25.6	21.4
107.5°	101.9	89.4	78.5	68.9	59.9	52.1	45.4	38.4	32.8	27.8	23.2
110°	97.8	86.2	75.4	66.2	57.8	50.4	44.3	38.5	33.0	28.8	24.1



TEST NUMBER: P231984

CATALOG NUMBER: FVS4WM-4-LD4-30-2STD-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°	93.8	83.2	72.3	63.5	55.6	48.5	42.4	37.6	33.2	28.8	24.8
115°	90.3	79.5	69.7	60.4	53.0	46.2	40.5	36.8	33.4	29.5	25.4
117.5°	86.7	75.8	66.8	57.8	50.0	44.8	40.5	36.8	33.3	30.0	26.5
120°	82.6	72.3	63.4	55.5	49.6	45.0	40.9	37.1	33.6	30.2	27.0
122.5°	77.9	68.1	61.5	56.0	50.8	45.7	41.5	37.7	34.1	30.8	27.7
125°	74.6	67.9	61.7	56.3	51.4	46.8	42.4	38.5	34.9	31.6	28.5
127.5°	74.1	68.0	62.0	56.6	51.7	47.3	43.3	39.5	36.0	32.7	29.0
130°	73.4	67.6	62.2	56.9	51.9	47.6	43.7	40.1	36.7	33.4	29.3
132.5°	72.3	66.7	61.7	57.0	52.3	47.8	43.8	40.3	37.0	32.9	28.9
135°	70.7	65.5	60.6	56.1	52.1	48.1	44.1	40.2	36.3	32.3	28.3
137.5°	68.4	63.6	59.1	54.8	50.9	47.2	43.8	40.0	35.8	31.7	27.7
140°	65.5	60.9	56.6	52.8	49.1	45.5	42.0	38.4	34.8	31.2	27.5
142.5°	61.8	57.4	53.4	49.7	46.2	43.2	40.0	36.6	33.2	29.8	26.4
145°	57.5	53.4	49.4	46.1	43.3	40.4	37.5	34.5	31.5	28.4	25.2
147.5°	53.2	49.2	46.2	43.4	40.6	37.8	35.0	32.3	29.4	26.5	23.6
150°	49.3	46.7	43.9	41.0	38.1	35.5	32.8	30.1	27.4	24.7	22.0
152.5°	46.1	43.6	41.2	38.7	36.2	33.5	30.9	28.2	25.7	23.1	20.6
155°	43.1	40.7	38.3	36.0	33.7	31.4	29.0	26.7	24.2	21.8	19.4
157.5°	39.9	37.8	35.6	33.4	31.2	29.0	26.8	24.6	22.5	20.3	18.1
160°	36.5	34.7	32.7	30.8	28.8	26.8	24.8	22.8	20.8	18.7	16.7
162.5°	32.7	31.1	29.5	27.8	26.1	24.4	22.6	20.8	19.0	17.2	15.3
165°	28.5	27.2	25.9	24.5	23.1	21.6	20.1	18.5	17.0	15.4	13.8
167.5°	24.4	23.2	21.9	20.7	19.5	18.3	17.1	15.8	14.6	13.3	12.0
170°	20.6	19.6	18.6	17.6	16.5	15.4	14.3	13.2	12.1	10.9	9.8
172.5°	16.3	15.6	14.8	14.1	13.3	12.6	11.8	11.0	10.2	9.3	8.5
175°	11.4	11.0	10.6	10.1	9.6	9.1	8.6	8.1	7.6	7.0	6.5
177.5°	6.7	6.4	6.2	5.9	5.6	5.3	5.0	4.7	4.4	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: P231984

CATALOG NUMBER: FVS4WM-4-LD4-30-2STD-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	2.5	2.2	1.9	1.6	1.9	2.2	2.5	2.9
5°	5.9	5.3	4.8	4.2	3.6	3.0	2.4	3.0	3.6	4.2	4.8
7.5°	7.6	6.8	5.9	5.0	4.2	3.3	2.4	3.3	4.2	5.0	5.9
10°	8.6	7.4	6.3	5.1	3.9	2.8	1.6	2.8	3.9	5.1	6.3
12.5°	10.6	9.3	7.9	6.6	5.2	3.8	2.4	3.8	5.2	6.6	7.9
15°	12.2	10.6	9.0	7.3	5.7	4.0	2.4	4.0	5.7	7.3	9.0
17.5°	13.5	11.7	9.8	8.0	6.1	4.3	2.4	4.3	6.1	8.0	9.8
20°	14.7	12.6	10.6	8.5	6.5	4.4	2.4	4.4	6.5	8.5	10.6
22.5°	15.9	13.6	11.4	9.2	6.9	4.7	2.4	4.7	6.9	9.2	11.4
25°	16.9	14.5	12.1	9.6	7.2	4.8	2.4	4.8	7.2	9.6	12.1
27.5°	18.0	15.4	12.8	10.2	7.6	5.0	2.4	5.0	7.6	10.2	12.8
30°	19.3	16.5	13.7	10.9	8.1	5.2	2.4	5.2	8.1	10.9	13.7
32.5°	20.7	17.7	14.7	11.6	8.6	5.5	2.4	5.5	8.6	11.6	14.7
35°	21.9	18.7	15.4	12.2	8.9	5.7	2.4	5.7	8.9	12.2	15.4
37.5°	23.0	19.6	16.1	12.7	9.3	5.8	2.4	5.8	9.3	12.7	16.1
40°	23.7	20.0	16.4	12.9	9.3	5.9	2.4	5.9	9.3	12.9	16.4
42.5°	24.0	20.3	16.7	13.1	9.5	5.9	2.4	5.9	9.5	13.1	16.7
45°	24.6	20.9	17.2	13.7	10.2	6.7	3.2	6.7	10.2	13.7	17.2
47.5°	25.1	21.3	17.6	13.9	10.3	6.7	3.2	6.7	10.3	13.9	17.6
50°	25.2	21.2	17.4	13.7	10.2	6.7	3.2	6.7	10.2	13.7	17.4
52.5°	24.8	21.0	17.2	13.6	10.1	6.6	3.2	6.6	10.1	13.6	17.2
55°	24.7	20.8	17.1	13.5	10.0	6.6	3.2	6.6	10.0	13.5	17.1
57.5°	24.6	20.6	16.9	13.3	9.9	6.5	3.2	6.5	9.9	13.3	16.9
60°	23.8	20.2	16.3	12.7	9.4	6.3	3.2	6.3	9.4	12.7	16.3
62.5°	22.7	19.0	15.2	11.8	8.7	5.9	3.2	5.9	8.7	11.8	15.2
65°	21.5	17.6	14.0	11.0	8.2	5.6	3.2	5.6	8.2	11.0	14.0
67.5°	20.6	16.6	13.1	10.2	7.6	5.3	3.2	5.3	7.6	10.2	13.1
70°	19.5	15.7	12.1	8.8	6.5	4.7	3.2	4.7	6.5	8.8	12.1
72.5°	18.8	14.5	10.5	7.3	5.8	4.8	4.0	4.8	5.8	7.3	10.5
75°	17.9	13.5	9.8	6.7	5.0	4.3	4.0	4.3	5.0	6.7	9.8
77.5°	15.1	12.7	8.7	5.0	1.8	0.4	0.0	0.4	1.8	5.0	8.7
80°	11.3	8.9	5.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.5
82.5°	7.5	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°	5.5	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°	7.5	4.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	11.3	8.9	5.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.5
102.5°	15.1	12.7	8.7	5.0	1.8	0.4	0.0	0.4	1.8	5.0	8.7
105°	17.9	13.5	9.8	6.7	5.0	4.3	4.0	4.3	5.0	6.7	9.8
107.5°	18.8	14.5	10.5	7.3	5.8	4.8	4.0	4.8	5.8	7.3	10.5
110°	19.5	15.7	12.1	8.8	6.5	4.7	3.2	4.7	6.5	8.8	12.1



TEST NUMBER: P231984

CATALOG NUMBER: FVS4WM-4-LD4-30-2STD-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
112.5°	20.6	16.6	13.1	10.2	7.6	5.3	3.2	5.3	7.6	10.2	13.1
115°	21.5	17.6	14.0	11.0	8.2	5.6	3.2	5.6	8.2	11.0	14.0
117.5°	22.7	19.0	15.2	11.8	8.7	5.9	3.2	5.9	8.7	11.8	15.2
120°	23.8	20.2	16.3	12.7	9.4	6.3	3.2	6.3	9.4	12.7	16.3
122.5°	24.6	20.6	16.9	13.3	9.9	6.5	3.2	6.5	9.9	13.3	16.9
125°	24.7	20.8	17.1	13.5	10.0	6.6	3.2	6.6	10.0	13.5	17.1
127.5°	24.8	21.0	17.2	13.6	10.1	6.6	3.2	6.6	10.1	13.6	17.2
130°	25.2	21.2	17.4	13.7	10.2	6.7	3.2	6.7	10.2	13.7	17.4
132.5°	25.1	21.3	17.6	13.9	10.3	6.7	3.2	6.7	10.3	13.9	17.6
135°	24.6	20.9	17.2	13.7	10.2	6.7	3.2	6.7	10.2	13.7	17.2
137.5°	24.0	20.3	16.7	13.1	9.5	5.9	2.4	5.9	9.5	13.1	16.7
140°	23.7	20.0	16.4	12.9	9.3	5.9	2.4	5.9	9.3	12.9	16.4
142.5°	23.0	19.6	16.1	12.7	9.3	5.8	2.4	5.8	9.3	12.7	16.1
145°	21.9	18.7	15.4	12.2	8.9	5.7	2.4	5.7	8.9	12.2	15.4
147.5°	20.7	17.7	14.7	11.6	8.6	5.5	2.4	5.5	8.6	11.6	14.7
150°	19.3	16.5	13.7	10.9	8.1	5.2	2.4	5.2	8.1	10.9	13.7
152.5°	18.0	15.4	12.8	10.2	7.6	5.0	2.4	5.0	7.6	10.2	12.8
155°	16.9	14.5	12.1	9.6	7.2	4.8	2.4	4.8	7.2	9.6	12.1
157.5°	15.9	13.6	11.4	9.2	6.9	4.7	2.4	4.7	6.9	9.2	11.4
160°	14.7	12.6	10.6	8.5	6.5	4.4	2.4	4.4	6.5	8.5	10.6
162.5°	13.5	11.7	9.8	8.0	6.1	4.3	2.4	4.3	6.1	8.0	9.8
165°	12.2	10.6	9.0	7.3	5.7	4.0	2.4	4.0	5.7	7.3	9.0
167.5°	10.6	9.3	7.9	6.6	5.2	3.8	2.4	3.8	5.2	6.6	7.9
170°	8.6	7.4	6.3	5.1	3.9	2.8	1.6	2.8	3.9	5.1	6.3
172.5°	7.6	6.8	5.9	5.0	4.2	3.3	2.4	3.3	4.2	5.0	5.9
175°	5.9	5.3	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	2.5	2.2	1.9	1.6	1.9	2.2	2.5	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: P231984

CATALOG NUMBER: FVS4WM-4-LD4-30-2STD-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	4.4	4.7	5.0	5.3	5.6	5.9	6.2
5°	5.3	5.9	6.5	7.0	7.6	8.1	8.6	9.1	9.6	10.1	10.6
7.5°	6.8	7.6	8.5	9.3	10.2	11.0	11.8	12.6	13.3	14.1	14.8
10°	7.4	8.6	9.8	10.9	12.1	13.2	14.3	15.4	16.5	17.6	18.6
12.5°	9.3	10.6	12.0	13.3	14.6	15.8	17.1	18.3	19.5	20.7	21.9
15°	10.6	12.2	13.8	15.4	17.0	18.5	20.1	21.6	23.1	24.5	25.9
17.5°	11.7	13.5	15.3	17.2	19.0	20.8	22.6	24.4	26.1	27.8	29.5
20°	12.6	14.7	16.7	18.7	20.8	22.8	24.8	26.8	28.8	30.8	32.7
22.5°	13.6	15.9	18.1	20.3	22.5	24.6	26.8	29.0	31.2	33.4	35.6
25°	14.5	16.9	19.4	21.8	24.2	26.7	29.0	31.4	33.7	36.0	38.3
27.5°	15.4	18.0	20.6	23.1	25.7	28.2	30.9	33.5	36.2	38.7	41.2
30°	16.5	19.3	22.0	24.7	27.4	30.1	32.8	35.5	38.1	41.0	43.9
32.5°	17.7	20.7	23.6	26.5	29.4	32.3	35.0	37.8	40.6	43.4	46.2
35°	18.7	21.9	25.2	28.4	31.5	34.5	37.5	40.4	43.3	46.1	49.4
37.5°	19.6	23.0	26.4	29.8	33.2	36.6	40.0	43.2	46.2	49.7	53.4
40°	20.0	23.7	27.5	31.2	34.8	38.4	42.0	45.5	49.1	52.8	56.6
42.5°	20.3	24.0	27.7	31.7	35.8	40.0	43.8	47.2	50.9	54.8	59.1
45°	20.9	24.6	28.3	32.3	36.3	40.2	44.1	48.1	52.1	56.1	60.6
47.5°	21.3	25.1	28.9	32.9	37.0	40.3	43.8	47.8	52.3	57.0	61.7
50°	21.2	25.2	29.3	33.4	36.7	40.1	43.7	47.6	51.9	56.9	62.2
52.5°	21.0	24.8	29.0	32.7	36.0	39.5	43.3	47.3	51.7	56.6	62.0
55°	20.8	24.7	28.5	31.6	34.9	38.5	42.4	46.8	51.4	56.3	61.7
57.5°	20.6	24.6	27.7	30.8	34.1	37.7	41.5	45.7	50.8	56.0	61.5
60°	20.2	23.8	27.0	30.2	33.6	37.1	40.9	45.0	49.6	55.5	63.4
62.5°	19.0	22.7	26.5	30.0	33.3	36.8	40.5	44.8	50.0	57.8	66.8
65°	17.6	21.5	25.4	29.5	33.4	36.8	40.5	46.2	53.0	60.4	69.7
67.5°	16.6	20.6	24.8	28.8	33.2	37.6	42.4	48.5	55.6	63.5	72.3
70°	15.7	19.5	24.1	28.8	33.0	38.5	44.3	50.4	57.8	66.2	75.4
72.5°	14.5	18.8	23.2	27.8	32.8	38.4	45.4	52.1	59.9	68.9	78.5
75°	13.5	17.9	21.4	25.6	31.4	37.9	45.6	53.7	61.7	71.4	81.7
77.5°	12.7	15.1	18.6	23.3	29.4	36.9	45.4	54.9	63.6	73.3	83.3
80°	8.9	11.3	15.2	20.6	27.4	35.5	44.9	54.7	64.1	74.0	84.6
82.5°	4.4	7.5	11.8	18.4	26.3	35.1	44.5	54.7	64.8	75.1	86.4
85°	1.2	5.2	10.8	18.1	26.3	35.5	44.7	55.2	65.8	76.6	88.6
87.5°	0.4	5.0	10.9	18.5	27.0	36.7	45.7	56.5	67.4	78.7	91.5
90°	0.0	5.5	11.9	19.8	28.5	38.8	47.5	58.5	69.6	81.5	94.9
92.5°	0.4	5.0	10.9	18.5	27.0	36.7	45.7	56.5	67.4	78.7	91.5
95°	1.2	5.2	10.8	18.1	26.3	35.5	44.7	55.2	65.8	76.6	88.6
97.5°	4.4	7.5	11.8	18.4	26.3	35.1	44.5	54.7	64.8	75.1	86.4
100°	8.9	11.3	15.2	20.6	27.4	35.5	44.9	54.7	64.1	74.0	84.6
102.5°	12.7	15.1	18.6	23.3	29.4	36.9	45.4	54.9	63.6	73.3	83.3
105°	13.5	17.9	21.4	25.6	31.4	37.9	45.6	53.7	61.7	71.4	81.7
107.5°	14.5	18.8	23.2	27.8	32.8	38.4	45.4	52.1	59.9	68.9	78.5
110°	15.7	19.5	24.1	28.8	33.0	38.5	44.3	50.4	57.8	66.2	75.4



TEST NUMBER: P231984

CATALOG NUMBER: FVS4WM-4-LD4-30-2STD-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°	16.6	20.6	24.8	28.8	33.2	37.6	42.4	48.5	55.6	63.5	72.3
115°	17.6	21.5	25.4	29.5	33.4	36.8	40.5	46.2	53.0	60.4	69.7
117.5°	19.0	22.7	26.5	30.0	33.3	36.8	40.5	44.8	50.0	57.8	66.8
120°	20.2	23.8	27.0	30.2	33.6	37.1	40.9	45.0	49.6	55.5	63.4
122.5°	20.6	24.6	27.7	30.8	34.1	37.7	41.5	45.7	50.8	56.0	61.5
125°	20.8	24.7	28.5	31.6	34.9	38.5	42.4	46.8	51.4	56.3	61.7
127.5°	21.0	24.8	29.0	32.7	36.0	39.5	43.3	47.3	51.7	56.6	62.0
130°	21.2	25.2	29.3	33.4	36.7	40.1	43.7	47.6	51.9	56.9	62.2
132.5°	21.3	25.1	28.9	32.9	37.0	40.3	43.8	47.8	52.3	57.0	61.7
135°	20.9	24.6	28.3	32.3	36.3	40.2	44.1	48.1	52.1	56.1	60.6
137.5°	20.3	24.0	27.7	31.7	35.8	40.0	43.8	47.2	50.9	54.8	59.1
140°	20.0	23.7	27.5	31.2	34.8	38.4	42.0	45.5	49.1	52.8	56.6
142.5°	19.6	23.0	26.4	29.8	33.2	36.6	40.0	43.2	46.2	49.7	53.4
145°	18.7	21.9	25.2	28.4	31.5	34.5	37.5	40.4	43.3	46.1	49.4
147.5°	17.7	20.7	23.6	26.5	29.4	32.3	35.0	37.8	40.6	43.4	46.2
150°	16.5	19.3	22.0	24.7	27.4	30.1	32.8	35.5	38.1	41.0	43.9
152.5°	15.4	18.0	20.6	23.1	25.7	28.2	30.9	33.5	36.2	38.7	41.2
155°	14.5	16.9	19.4	21.8	24.2	26.7	29.0	31.4	33.7	36.0	38.3
157.5°	13.6	15.9	18.1	20.3	22.5	24.6	26.8	29.0	31.2	33.4	35.6
160°	12.6	14.7	16.7	18.7	20.8	22.8	24.8	26.8	28.8	30.8	32.7
162.5°	11.7	13.5	15.3	17.2	19.0	20.8	22.6	24.4	26.1	27.8	29.5
165°	10.6	12.2	13.8	15.4	17.0	18.5	20.1	21.6	23.1	24.5	25.9
167.5°	9.3	10.6	12.0	13.3	14.6	15.8	17.1	18.3	19.5	20.7	21.9
170°	7.4	8.6	9.8	10.9	12.1	13.2	14.3	15.4	16.5	17.6	18.6
172.5°	6.8	7.6	8.5	9.3	10.2	11.0	11.8	12.6	13.3	14.1	14.8
175°	5.3	5.9	6.5	7.0	7.6	8.1	8.6	9.1	9.6	10.1	10.6
177.5°	3.2	3.5	3.8	4.1	4.4	4.7	5.0	5.3	5.6	5.9	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: P231984

CATALOG NUMBER: FVS4WM-4-LD4-30-2STD-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°	6.4	6.7	7.0	7.2	7.5	7.7	8.0	8.2	8.4	8.6	8.8
5°	11.0	11.4	11.9	12.3	12.6	13.0	13.3	13.6	13.9	14.4	14.8
7.5°	15.6	16.3	16.9	17.6	18.2	18.7	19.2	19.7	20.2	20.6	21.0
10°	19.6	20.6	21.5	22.3	23.2	24.0	24.8	25.5	26.2	26.8	27.4
12.5°	23.2	24.4	25.6	26.8	27.9	29.0	30.0	30.9	31.8	32.7	33.5
15°	27.2	28.5	29.8	31.1	32.4	33.7	35.0	36.2	37.3	38.4	39.3
17.5°	31.1	32.7	34.2	35.7	37.1	38.5	39.8	41.2	42.6	43.9	45.1
20°	34.7	36.5	38.3	40.0	41.7	43.3	44.8	46.3	47.8	49.3	50.7
22.5°	37.8	39.9	42.1	44.1	46.0	47.9	49.7	51.4	53.1	54.7	56.3
25°	40.7	43.1	45.5	47.8	50.1	52.4	54.4	56.3	58.2	60.0	63.4
27.5°	43.6	46.1	48.7	51.3	53.8	56.3	60.4	64.7	69.0	73.3	77.6
30°	46.7	49.3	51.9	55.5	60.0	64.7	69.7	74.9	80.1	85.5	90.8
32.5°	49.2	53.2	57.5	62.0	66.8	72.0	77.6	83.5	89.8	96.2	102.8
35°	53.4	57.5	62.3	67.3	72.6	78.3	84.5	91.0	98.1	105.7	113.5
37.5°	57.4	61.8	66.4	71.6	77.3	83.6	90.4	97.7	105.4	114.0	123.1
40°	60.9	65.5	70.4	75.7	81.5	88.0	95.4	103.5	112.1	121.2	131.6
42.5°	63.6	68.4	73.8	79.5	85.4	92.1	99.5	108.4	118.0	128.1	139.3
45°	65.5	70.7	76.3	82.6	89.1	95.9	103.7	112.4	123.2	134.4	146.1
47.5°	66.7	72.3	78.4	84.9	92.2	99.7	107.4	116.6	127.5	140.0	152.9
50°	67.6	73.4	79.8	86.9	94.6	103.0	111.4	120.8	131.6	144.7	157.7
52.5°	68.0	74.1	80.9	88.2	96.5	107.5	118.2	127.6	137.9	149.7	162.7
55°	67.9	74.6	82.2	92.8	103.9	115.4	126.6	136.0	145.2	155.3	168.3
57.5°	68.1	77.9	88.3	99.3	111.4	123.5	135.2	145.4	153.2	162.5	174.4
60°	72.3	82.6	93.8	105.6	118.4	131.6	144.2	155.3	162.8	170.8	181.2
62.5°	75.8	86.7	98.8	111.6	124.9	139.5	153.1	164.8	173.1	179.7	188.4
65°	79.5	90.3	103.4	117.1	131.4	146.9	161.9	174.8	184.1	189.3	196.3
67.5°	83.2	93.8	107.5	122.4	137.8	154.0	170.8	185.2	195.8	199.7	205.6
70°	86.2	97.8	111.2	127.6	144.1	161.0	179.6	195.3	206.4	210.2	213.3
72.5°	89.4	101.9	114.7	132.6	150.0	166.2	183.2	197.0	206.7	211.0	214.2
75°	92.9	105.1	117.3	133.0	149.6	166.3	182.7	196.2	205.9	211.6	215.0
77.5°	94.2	106.2	118.6	133.2	149.8	166.8	183.2	196.2	205.4	212.0	215.8
80°	95.6	107.8	120.4	134.1	150.6	167.8	184.5	196.9	205.2	212.3	216.6
82.5°	97.4	110.0	122.7	135.9	152.0	169.3	186.6	198.1	205.2	212.6	217.5
85°	99.7	112.8	125.5	138.4	154.0	171.3	189.3	199.8	205.4	212.8	218.5
87.5°	102.5	116.2	128.9	141.6	156.6	174.0	192.6	201.9	205.8	213.2	219.5
90°	106.0	120.2	132.9	145.5	159.8	177.2	196.2	204.1	206.4	213.6	220.7
92.5°	102.5	116.2	128.9	141.6	156.6	174.0	192.6	201.9	205.8	213.2	219.5
95°	99.7	112.8	125.5	138.4	154.0	171.3	189.3	199.8	205.4	212.8	218.5
97.5°	97.4	110.0	122.7	135.9	152.0	169.3	186.6	198.1	205.2	212.6	217.5
100°	95.6	107.8	120.4	134.1	150.6	167.8	184.5	196.9	205.2	212.3	216.6
102.5°	94.2	106.2	118.6	133.2	149.8	166.8	183.2	196.2	205.4	212.0	215.8
105°	92.9	105.1	117.3	133.0	149.6	166.3	182.7	196.2	205.9	211.6	215.0
107.5°	89.4	101.9	114.7	132.6	150.0	166.2	183.2	197.0	206.7	211.0	214.2
110°	86.2	97.8	111.2	127.6	144.1	161.0	179.6	195.3	206.4	210.2	213.3



TEST NUMBER: P231984

CATALOG NUMBER: FVS4WM-4-LD4-30-2STD-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
112.5°	83.2	93.8	107.5	122.4	137.8	154.0	170.8	185.2	195.8	199.7	205.6
115°	79.5	90.3	103.4	117.1	131.4	146.9	161.9	174.8	184.1	189.3	196.3
117.5°	75.8	86.7	98.8	111.6	124.9	139.5	153.1	164.8	173.1	179.7	188.4
120°	72.3	82.6	93.8	105.6	118.4	131.6	144.2	155.3	162.8	170.8	181.2
122.5°	68.1	77.9	88.3	99.3	111.4	123.5	135.2	145.4	153.2	162.5	174.4
125°	67.9	74.6	82.2	92.8	103.9	115.4	126.6	136.0	145.2	155.3	168.3
127.5°	68.0	74.1	80.9	88.2	96.5	107.5	118.2	127.6	137.9	149.7	162.7
130°	67.6	73.4	79.8	86.9	94.6	103.0	111.4	120.8	131.6	144.7	157.7
132.5°	66.7	72.3	78.4	84.9	92.2	99.7	107.4	116.6	127.5	140.0	152.9
135°	65.5	70.7	76.3	82.6	89.1	95.9	103.7	112.4	123.2	134.4	146.1
137.5°	63.6	68.4	73.8	79.5	85.4	92.1	99.5	108.4	118.0	128.1	139.3
140°	60.9	65.5	70.4	75.7	81.5	88.0	95.4	103.5	112.1	121.2	131.6
142.5°	57.4	61.8	66.4	71.6	77.3	83.6	90.4	97.7	105.4	114.0	123.1
145°	53.4	57.5	62.3	67.3	72.6	78.3	84.5	91.0	98.1	105.7	113.5
147.5°	49.2	53.2	57.5	62.0	66.8	72.0	77.6	83.5	89.8	96.2	102.8
150°	46.7	49.3	51.9	55.5	60.0	64.7	69.7	74.9	80.1	85.5	90.8
152.5°	43.6	46.1	48.7	51.3	53.8	56.3	60.4	64.7	69.0	73.3	77.6
155°	40.7	43.1	45.5	47.8	50.1	52.4	54.4	56.3	58.2	60.0	63.4
157.5°	37.8	39.9	42.1	44.1	46.0	47.9	49.7	51.4	53.1	54.7	56.3
160°	34.7	36.5	38.3	40.0	41.7	43.3	44.8	46.3	47.8	49.3	50.7
162.5°	31.1	32.7	34.2	35.7	37.1	38.5	39.8	41.2	42.6	43.9	45.1
165°	27.2	28.5	29.8	31.1	32.4	33.7	35.0	36.2	37.3	38.4	39.3
167.5°	23.2	24.4	25.6	26.8	27.9	29.0	30.0	30.9	31.8	32.7	33.5
170°	19.6	20.6	21.5	22.3	23.2	24.0	24.8	25.5	26.2	26.8	27.4
172.5°	15.6	16.3	16.9	17.6	18.2	18.7	19.2	19.7	20.2	20.6	21.0
175°	11.0	11.4	11.9	12.3	12.6	13.0	13.3	13.6	13.9	14.4	14.8
177.5°	6.4	6.7	7.0	7.2	7.5	7.7	8.0	8.2	8.4	8.6	8.8
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: P231984

CATALOG NUMBER: FVS4WM-4-LD4-30-2STD-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°	9.0	9.1	9.3	9.4	9.6	9.7	9.8	9.9	10.0	10.0	11.2
5°	15.2	15.6	15.9	16.2	16.5	16.8	17.1	17.3	17.5	17.7	20.0
7.5°	21.4	21.7	22.2	22.8	23.3	23.8	24.2	24.6	25.0	25.3	28.7
10°	27.9	28.3	28.8	29.1	29.8	30.5	31.2	31.9	32.4	33.0	37.3
12.5°	34.2	34.8	35.4	35.9	36.4	37.2	38.1	39.0	39.8	40.6	45.9
15°	40.3	41.2	41.9	42.5	43.1	43.7	44.9	46.1	47.2	48.3	54.4
17.5°	46.2	47.2	48.2	49.1	49.8	50.5	51.5	53.1	54.5	55.9	62.9
20°	52.0	53.3	54.4	55.5	56.4	57.3	58.1	60.0	61.8	63.6	71.3
22.5°	57.8	59.2	60.5	61.8	62.9	64.0	65.0	66.8	69.0	71.2	79.6
25°	66.9	70.2	73.5	76.6	79.5	82.3	84.8	87.6	91.1	94.1	103.4
27.5°	81.8	86.1	90.2	94.2	98.1	101.7	105.3	108.8	113.1	117.1	127.3
30°	95.9	101.0	106.2	111.2	116.1	120.7	125.4	129.7	135.1	140.0	151.2
32.5°	109.2	115.2	121.3	127.6	133.6	139.3	145.1	150.7	156.9	162.9	175.2
35°	121.5	128.7	135.8	143.2	150.5	157.5	164.4	171.4	178.7	185.9	199.1
37.5°	132.4	141.5	149.8	158.3	167.3	175.3	183.5	191.8	200.4	208.8	223.0
40°	142.4	153.5	163.2	172.8	183.0	192.7	202.2	212.1	222.0	231.7	246.9
42.5°	151.4	164.2	176.1	187.2	198.5	209.8	221.0	232.2	243.6	254.7	270.8
45°	159.8	174.1	188.5	200.7	213.6	226.6	239.0	252.1	265.1	277.6	294.7
47.5°	167.1	181.5	196.2	208.3	220.5	233.3	246.3	260.6	275.5	290.6	310.6
50°	170.8	184.9	199.4	212.3	224.4	237.9	252.3	268.4	285.7	303.6	326.5
52.5°	175.4	189.1	203.1	216.5	228.5	242.5	258.1	275.9	295.8	316.6	342.4
55°	181.0	194.0	207.5	221.0	232.9	247.3	263.8	283.4	305.8	329.6	358.5
57.5°	187.0	199.6	212.3	225.7	237.7	252.0	269.4	290.6	315.6	342.7	374.7
60°	193.5	205.8	218.1	230.6	242.7	256.9	275.0	297.8	325.4	355.7	390.9
62.5°	200.4	212.6	223.8	235.9	247.9	261.9	280.5	304.8	335.1	368.7	407.2
65°	207.8	219.7	230.3	241.5	253.3	267.0	285.9	311.8	344.8	381.7	423.5
67.5°	215.7	227.1	237.3	247.5	258.8	272.2	291.4	318.7	354.4	394.7	439.8
70°	220.7	230.4	239.3	247.9	258.0	270.7	289.6	316.8	352.8	395.1	442.6
72.5°	220.7	229.6	238.2	246.1	255.8	268.3	287.5	314.8	351.1	395.6	445.1
75°	221.0	229.2	237.2	244.6	253.7	266.0	285.5	312.9	349.4	396.0	449.5
77.5°	221.7	229.1	236.5	243.3	251.8	263.8	283.7	311.1	347.8	396.5	451.4
80°	222.7	229.3	236.0	242.1	249.9	261.7	282.0	309.5	346.3	396.9	453.4
82.5°	223.9	229.7	235.5	241.2	248.2	259.7	280.4	308.0	344.8	397.4	455.3
85°	225.4	230.3	235.2	240.3	246.5	257.9	279.1	306.7	343.4	397.8	457.2
87.5°	226.9	231.0	235.0	239.6	245.0	256.2	277.9	305.5	342.1	398.3	459.2
90°	228.6	231.8	234.9	238.9	243.6	254.7	276.8	304.5	340.9	398.7	461.1
92.5°	226.9	231.0	235.0	239.6	245.0	256.2	277.9	305.5	342.1	398.3	459.2
95°	225.4	230.3	235.2	240.3	246.5	257.9	279.1	306.7	343.4	397.8	457.2
97.5°	223.9	229.7	235.5	241.2	248.2	259.7	280.4	308.0	344.8	397.4	455.3
100°	222.7	229.3	236.0	242.1	249.9	261.7	282.0	309.5	346.3	396.9	453.4
102.5°	221.7	229.1	236.5	243.3	251.8	263.8	283.7	311.1	347.8	396.5	451.4
105°	221.0	229.2	237.2	244.6	253.7	266.0	285.5	312.9	349.4	396.0	449.5
107.5°	220.7	229.6	238.2	246.1	255.8	268.3	287.5	314.8	351.1	395.6	445.1
110°	220.7	230.4	239.3	247.9	258.0	270.7	289.6	316.8	352.8	395.1	442.6



TEST NUMBER: P231984

CATALOG NUMBER: FVS4WM-4-LD4-30-2STD-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°	215.7	227.1	237.3	247.5	258.8	272.2	291.4	318.7	354.4	394.7	439.8
115°	207.8	219.7	230.3	241.5	253.3	267.0	285.9	311.8	344.8	381.7	423.5
117.5°	200.4	212.6	223.8	235.9	247.9	261.9	280.5	304.8	335.1	368.7	407.2
120°	193.5	205.8	218.1	230.6	242.7	256.9	275.0	297.8	325.4	355.7	390.9
122.5°	187.0	199.6	212.3	225.7	237.7	252.0	269.4	290.6	315.6	342.7	374.7
125°	181.0	194.0	207.5	221.0	232.9	247.3	263.8	283.4	305.8	329.6	358.5
127.5°	175.4	189.1	203.1	216.5	228.5	242.5	258.1	275.9	295.8	316.6	342.4
130°	170.8	184.9	199.4	212.3	224.4	237.9	252.3	268.4	285.7	303.6	326.5
132.5°	167.1	181.5	196.2	208.3	220.5	233.3	246.3	260.6	275.5	290.6	310.6
135°	159.8	174.1	188.5	200.7	213.6	226.6	239.0	252.1	265.1	277.6	294.7
137.5°	151.4	164.2	176.1	187.2	198.5	209.8	221.0	232.2	243.6	254.7	270.8
140°	142.4	153.5	163.2	172.8	183.0	192.7	202.2	212.1	222.0	231.7	246.9
142.5°	132.4	141.5	149.8	158.3	167.3	175.3	183.5	191.8	200.4	208.8	223.0
145°	121.5	128.7	135.8	143.2	150.5	157.5	164.4	171.4	178.7	185.9	199.1
147.5°	109.2	115.2	121.3	127.6	133.6	139.3	145.1	150.7	156.9	162.9	175.2
150°	95.9	101.0	106.2	111.2	116.1	120.7	125.4	129.7	135.1	140.0	151.2
152.5°	81.8	86.1	90.2	94.2	98.1	101.7	105.3	108.8	113.1	117.1	127.3
155°	66.9	70.2	73.5	76.6	79.5	82.3	84.8	87.6	91.1	94.1	103.4
157.5°	57.8	59.2	60.5	61.8	62.9	64.0	65.0	66.8	69.0	71.2	79.6
160°	52.0	53.3	54.4	55.5	56.4	57.3	58.1	60.0	61.8	63.6	71.3
162.5°	46.2	47.2	48.2	49.1	49.8	50.5	51.5	53.1	54.5	55.9	62.9
165°	40.3	41.2	41.9	42.5	43.1	43.7	44.9	46.1	47.2	48.3	54.4
167.5°	34.2	34.8	35.4	35.9	36.4	37.2	38.1	39.0	39.8	40.6	45.9
170°	27.9	28.3	28.8	29.1	29.8	30.5	31.2	31.9	32.4	33.0	37.3
172.5°	21.4	21.7	22.2	22.8	23.3	23.8	24.2	24.6	25.0	25.3	28.7
175°	15.2	15.6	15.9	16.2	16.5	16.8	17.1	17.3	17.5	17.7	20.0
177.5°	9.0	9.1	9.3	9.4	9.6	9.7	9.8	9.9	10.0	10.0	11.2
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: P231984

CATALOG NUMBER: FVS4WM-4-LD4-30-2STD-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°	12.4	13.5	14.6	15.7	16.8	17.8	18.9	19.8	20.8	21.7	22.6
5°	22.2	24.5	26.6	28.8	30.9	32.9	34.9	36.8	38.7	40.5	42.3
7.5°	32.0	35.2	38.4	41.6	44.6	47.6	50.6	53.8	56.9	60.0	62.9
10°	41.6	45.8	50.0	54.0	58.1	62.5	66.8	71.0	75.1	79.1	83.2
12.5°	51.1	56.2	61.3	66.5	72.0	77.4	82.6	87.8	92.5	96.8	100.8
15°	60.5	66.5	72.4	79.0	85.5	91.8	98.0	103.6	109.1	114.3	119.9
17.5°	69.8	76.5	83.8	91.3	98.6	105.8	112.8	119.6	126.1	132.7	139.0
20°	78.9	86.4	94.9	103.2	111.4	119.9	128.1	136.1	144.2	152.0	159.4
22.5°	87.9	96.5	105.7	114.8	124.6	134.3	143.8	153.5	162.9	171.9	180.4
25°	112.3	121.5	130.7	139.7	149.1	158.0	167.1	175.8	184.2	192.5	202.4
27.5°	137.1	147.5	157.6	167.7	177.6	187.3	197.1	206.5	215.5	224.1	230.5
30°	162.1	173.5	184.7	195.3	206.2	216.3	226.6	236.3	245.7	253.0	259.4
32.5°	187.1	199.5	211.3	222.4	233.4	244.6	255.2	265.2	273.7	280.7	284.7
35°	212.1	225.4	237.6	249.0	260.8	273.2	283.0	292.9	300.5	306.1	306.9
37.5°	237.1	251.2	263.7	275.3	287.8	299.4	310.0	318.8	327.3	327.8	328.0
40°	262.0	276.9	289.4	301.5	314.2	325.5	335.9	344.0	348.4	349.0	346.8
42.5°	286.8	302.5	314.7	327.4	340.2	351.0	360.4	368.8	369.3	368.2	365.0
45°	311.6	327.6	339.7	352.8	365.2	375.8	384.5	389.5	389.7	386.4	383.4
47.5°	330.9	350.1	366.3	383.2	397.3	408.0	414.8	412.6	408.2	404.1	401.4
50°	350.3	373.3	394.4	417.0	436.2	451.8	463.1	465.1	460.2	449.7	435.5
52.5°	369.9	397.2	424.0	452.4	477.1	498.1	513.5	521.6	521.8	513.4	501.7
55°	389.9	421.9	454.8	489.1	520.0	546.6	567.3	581.1	586.7	579.0	564.8
57.5°	410.1	447.2	486.5	527.1	564.4	597.3	624.4	644.5	651.8	643.9	625.2
60°	430.6	473.0	519.1	566.2	610.1	649.6	684.4	711.4	718.4	705.7	686.4
62.5°	451.2	499.4	552.5	606.5	657.1	703.7	746.5	781.4	786.3	765.5	744.6
65°	471.9	526.1	586.5	647.5	705.2	759.6	810.4	849.6	855.1	823.6	800.1
67.5°	492.8	553.0	620.9	689.3	754.2	817.0	876.2	916.5	916.2	880.9	853.2
70°	497.2	558.3	628.3	700.3	770.6	842.6	913.3	961.3	964.8	935.3	905.6
72.5°	501.0	561.4	631.1	703.1	773.5	848.0	920.9	969.9	978.5	961.6	939.7
75°	504.5	564.0	633.2	705.1	775.5	852.6	927.6	980.2	997.1	991.0	972.3
77.5°	507.9	566.0	634.6	706.3	776.6	856.4	933.6	991.8	1019.9	1023.1	1005.4
80°	512.8	567.7	635.2	706.7	776.8	859.4	938.6	1004.3	1045.6	1057.2	1039.1
82.5°	514.9	570.3	637.6	706.3	776.0	861.3	942.6	1016.9	1073.5	1092.8	1073.3
85°	517.1	570.3	635.7	706.6	776.1	864.7	948.2	1032.4	1102.3	1129.2	1108.1
87.5°	519.2	570.3	633.9	703.7	772.4	862.6	947.9	1041.8	1132.0	1166.3	1143.2
90°	521.3	570.3	632.0	700.8	768.8	860.6	947.6	1051.2	1158.8	1202.3	1179.4
92.5°	519.2	570.3	633.9	703.7	772.4	862.6	947.9	1041.8	1132.0	1166.3	1143.2
95°	517.1	570.3	635.7	706.6	776.1	864.7	948.2	1032.4	1102.3	1129.2	1108.1
97.5°	514.9	570.3	637.6	706.3	776.0	861.3	942.6	1016.9	1073.5	1092.8	1073.3
100°	512.8	567.7	635.2	706.7	776.8	859.4	938.6	1004.3	1045.6	1057.2	1039.1
102.5°	507.9	566.0	634.6	706.3	776.6	856.4	933.6	991.8	1019.9	1023.1	1005.4
105°	504.5	564.0	633.2	705.1	775.5	852.6	927.6	980.2	997.1	991.0	972.3
107.5°	501.0	561.4	631.1	703.1	773.5	848.0	920.9	969.9	978.5	961.6	939.7
110°	497.2	558.3	628.3	700.3	770.6	842.6	913.3	961.3	964.8	935.3	905.6



TEST NUMBER: P231984

CATALOG NUMBER: FVS4WM-4-LD4-30-2STD-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
112.5°	492.8	553.0	620.9	689.3	754.2	817.0	876.2	916.5	916.2	880.9	853.2
115°	471.9	526.1	586.5	647.5	705.2	759.6	810.4	849.6	855.1	823.6	800.1
117.5°	451.2	499.4	552.5	606.5	657.1	703.7	746.5	781.4	786.3	765.5	744.6
120°	430.6	473.0	519.1	566.2	610.1	649.6	684.4	711.4	718.4	705.7	686.4
122.5°	410.1	447.2	486.5	527.1	564.4	597.3	624.4	644.5	651.8	643.9	625.2
125°	389.9	421.9	454.8	489.1	520.0	546.6	567.3	581.1	586.7	579.0	564.8
127.5°	369.9	397.2	424.0	452.4	477.1	498.1	513.5	521.6	521.8	513.4	501.7
130°	350.3	373.3	394.4	417.0	436.2	451.8	463.1	465.1	460.2	449.7	435.5
132.5°	330.9	350.1	366.3	383.2	397.3	408.0	414.8	412.6	408.2	404.1	401.4
135°	311.6	327.6	339.7	352.8	365.2	375.8	384.5	389.5	389.7	386.4	383.4
137.5°	286.8	302.5	314.7	327.4	340.2	351.0	360.4	368.8	369.3	368.2	365.0
140°	262.0	276.9	289.4	301.5	314.2	325.5	335.9	344.0	348.4	349.0	346.8
142.5°	237.1	251.2	263.7	275.3	287.8	299.4	310.0	318.8	327.3	327.8	328.0
145°	212.1	225.4	237.6	249.0	260.8	273.2	283.0	292.9	300.5	306.1	306.9
147.5°	187.1	199.5	211.3	222.4	233.4	244.6	255.2	265.2	273.7	280.7	284.7
150°	162.1	173.5	184.7	195.3	206.2	216.3	226.6	236.3	245.7	253.0	259.4
152.5°	137.1	147.5	157.6	167.7	177.6	187.3	197.1	206.5	215.5	224.1	230.5
155°	112.3	121.5	130.7	139.7	149.1	158.0	167.1	175.8	184.2	192.5	202.4
157.5°	87.9	96.5	105.7	114.8	124.6	134.3	143.8	153.5	162.9	171.9	180.4
160°	78.9	86.4	94.9	103.2	111.4	119.9	128.1	136.1	144.2	152.0	159.4
162.5°	69.8	76.5	83.8	91.3	98.6	105.8	112.8	119.6	126.1	132.7	139.0
165°	60.5	66.5	72.4	79.0	85.5	91.8	98.0	103.6	109.1	114.3	119.9
167.5°	51.1	56.2	61.3	66.5	72.0	77.4	82.6	87.8	92.5	96.8	100.8
170°	41.6	45.8	50.0	54.0	58.1	62.5	66.8	71.0	75.1	79.1	83.2
172.5°	32.0	35.2	38.4	41.6	44.6	47.6	50.6	53.8	56.9	60.0	62.9
175°	22.2	24.5	26.6	28.8	30.9	32.9	34.9	36.8	38.7	40.5	42.3
177.5°	12.4	13.5	14.6	15.7	16.8	17.8	18.9	19.8	20.8	21.7	22.6
180°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0



TEST NUMBER: P231984

CATALOG NUMBER: FVS4WM-4-LD4-30-2STD-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°	23.4	24.3	25.0	25.8	26.4	27.1	27.7	28.2	28.7	29.2	29.6
5°	44.1	46.0	47.7	49.4	50.9	52.4	53.8	55.1	56.3	57.4	58.3
7.5°	65.7	68.4	71.0	73.5	75.7	77.3	78.7	80.1	81.3	82.3	83.3
10°	86.0	88.9	91.5	94.1	96.4	98.5	100.5	102.4	104.1	105.6	107.0
12.5°	104.7	108.3	111.8	115.2	118.4	121.4	124.1	126.5	128.7	130.3	131.5
15°	124.3	129.1	133.6	137.8	141.6	144.8	147.6	150.1	152.1	153.9	155.3
17.5°	145.1	151.5	155.9	160.5	164.7	168.4	171.7	174.5	177.0	179.1	180.9
20°	166.4	172.8	178.7	184.0	188.4	192.5	196.1	199.1	201.3	203.3	205.3
22.5°	188.4	195.7	201.5	207.0	212.2	214.8	217.4	220.1	222.7	225.4	228.2
25°	210.4	217.4	224.9	227.2	230.1	233.0	235.5	238.3	241.3	244.9	249.1
27.5°	236.2	239.7	240.3	243.2	245.1	247.2	250.2	253.6	258.0	262.7	269.0
30°	262.6	263.1	262.8	260.8	258.5	258.7	262.6	267.1	275.2	283.5	292.4
32.5°	285.3	284.8	282.7	280.6	279.7	278.6	280.8	284.7	295.0	309.3	323.4
35°	306.5	304.2	302.3	301.4	301.6	305.2	308.5	317.6	325.9	339.2	357.7
37.5°	325.5	323.4	322.4	323.6	327.8	334.7	345.3	356.2	368.8	381.6	399.1
40°	344.1	342.9	343.9	348.7	357.7	369.8	384.4	399.6	419.2	441.7	465.7
42.5°	363.1	362.9	368.1	377.7	391.2	408.9	426.8	452.9	481.1	512.6	545.8
45°	381.3	386.1	394.6	409.5	429.2	449.9	480.2	511.5	550.0	588.8	630.1
47.5°	402.9	408.6	424.8	445.0	468.7	501.0	536.2	578.1	621.7	666.6	720.1
50°	427.1	437.3	456.0	482.7	515.6	552.5	597.4	643.9	694.4	751.7	814.2
52.5°	491.8	492.8	504.0	524.0	563.9	608.6	656.8	709.1	769.3	837.9	914.7
55°	556.8	557.6	569.5	592.1	624.8	663.9	712.6	774.8	845.8	927.5	1009.2
57.5°	617.7	619.5	632.6	656.9	692.4	732.6	781.5	841.0	925.0	1009.2	1096.3
60°	675.9	676.1	692.3	719.9	755.5	797.4	852.7	926.5	1003.7	1081.8	1178.3
62.5°	732.7	732.6	748.3	777.0	813.7	861.7	925.5	1003.4	1081.9	1166.9	1261.4
65°	785.4	786.7	803.2	831.1	868.4	919.3	993.8	1072.8	1156.6	1247.3	1349.6
67.5°	834.4	836.9	853.4	881.5	921.7	979.3	1055.2	1135.9	1224.5	1319.9	1439.2
70°	883.7	884.4	899.2	927.7	969.3	1033.9	1111.1	1195.3	1284.4	1383.5	1521.7
72.5°	924.6	928.4	943.5	971.6	1013.1	1085.0	1160.9	1247.3	1332.5	1446.5	1581.3
75°	961.8	967.7	982.8	1007.4	1048.9	1117.3	1201.1	1291.0	1369.0	1496.5	1631.8
77.5°	999.0	1005.9	1019.0	1037.3	1074.4	1138.7	1222.2	1311.3	1408.4	1535.9	1674.2
80°	1036.2	1043.2	1052.5	1062.1	1092.9	1154.2	1238.0	1329.0	1437.7	1568.4	1719.6
82.5°	1073.3	1079.8	1084.0	1083.2	1105.6	1164.2	1248.8	1344.1	1458.2	1593.2	1754.3
85°	1110.3	1115.7	1114.0	1101.6	1113.9	1169.6	1254.7	1355.7	1470.2	1609.7	1777.7
87.5°	1147.3	1151.3	1143.1	1118.3	1119.6	1172.4	1258.0	1365.8	1477.8	1622.2	1795.2
90°	1184.1	1186.5	1172.2	1135.9	1124.0	1169.9	1252.9	1365.2	1472.0	1616.8	1789.2
92.5°	1147.3	1151.3	1143.1	1118.3	1119.6	1172.4	1258.0	1365.8	1477.8	1622.2	1795.2
95°	1110.3	1115.7	1114.0	1101.6	1113.9	1169.6	1254.7	1355.7	1470.2	1609.7	1777.7
97.5°	1073.3	1079.8	1084.0	1083.2	1105.6	1164.2	1248.8	1344.1	1458.2	1593.2	1754.3
100°	1036.2	1043.2	1052.5	1062.1	1092.9	1154.2	1238.0	1329.0	1437.7	1568.4	1719.6
102.5°	999.0	1005.9	1019.0	1037.3	1074.4	1138.7	1222.2	1311.3	1408.4	1535.9	1674.2
105°	961.8	967.7	982.8	1007.4	1048.9	1117.3	1201.1	1291.0	1369.0	1496.5	1631.8
107.5°	924.6	928.4	943.5	971.6	1013.1	1085.0	1160.9	1247.3	1332.5	1446.5	1581.3
110°	883.7	884.4	899.2	927.7	969.3	1033.9	1111.1	1195.3	1284.4	1383.5	1521.7



TEST NUMBER: P231984

CATALOG NUMBER: FVS4WM-4-LD4-30-2STD-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°	834.4	836.9	853.4	881.5	921.7	979.3	1055.2	1135.9	1224.5	1319.9	1439.2
115°	785.4	786.7	803.2	831.1	868.4	919.3	993.8	1072.8	1156.6	1247.3	1349.6
117.5°	732.7	732.6	748.3	777.0	813.7	861.7	925.5	1003.4	1081.9	1166.9	1261.4
120°	675.9	676.1	692.3	719.9	755.5	797.4	852.7	926.5	1003.7	1081.8	1178.3
122.5°	617.7	619.5	632.6	656.9	692.4	732.6	781.5	841.0	925.0	1009.2	1096.3
125°	556.8	557.6	569.5	592.1	624.8	663.9	712.6	774.8	845.8	927.5	1009.2
127.5°	491.8	492.8	504.0	524.0	563.9	608.6	656.8	709.1	769.3	837.9	914.7
130°	427.1	437.3	456.0	482.7	515.6	552.5	597.4	643.9	694.4	751.7	814.2
132.5°	402.9	408.6	424.8	445.0	468.7	501.0	536.2	578.1	621.7	666.6	720.1
135°	381.3	386.1	394.6	409.5	429.2	449.9	480.2	511.5	550.0	588.8	630.1
137.5°	363.1	362.9	368.1	377.7	391.2	408.9	426.8	452.9	481.1	512.6	545.8
140°	344.1	342.9	343.9	348.7	357.7	369.8	384.4	399.6	419.2	441.7	465.7
142.5°	325.5	323.4	322.4	323.6	327.8	334.7	345.3	356.2	368.8	381.6	399.1
145°	306.5	304.2	302.3	301.4	301.6	305.2	308.5	317.6	325.9	339.2	357.7
147.5°	285.3	284.8	282.7	280.6	279.7	278.6	280.8	284.7	295.0	309.3	323.4
150°	262.6	263.1	262.8	260.8	258.5	258.7	262.6	267.1	275.2	283.5	292.4
152.5°	236.2	239.7	240.3	243.2	245.1	247.2	250.2	253.6	258.0	262.7	269.0
155°	210.4	217.4	224.9	227.2	230.1	233.0	235.5	238.3	241.3	244.9	249.1
157.5°	188.4	195.7	201.5	207.0	212.2	214.8	217.4	220.1	222.7	225.4	228.2
160°	166.4	172.8	178.7	184.0	188.4	192.5	196.1	199.1	201.3	203.3	205.3
162.5°	145.1	151.5	155.9	160.5	164.7	168.4	171.7	174.5	177.0	179.1	180.9
165°	124.3	129.1	133.6	137.8	141.6	144.8	147.6	150.1	152.1	153.9	155.3
167.5°	104.7	108.3	111.8	115.2	118.4	121.4	124.1	126.5	128.7	130.3	131.5
170°	86.0	88.9	91.5	94.1	96.4	98.5	100.5	102.4	104.1	105.6	107.0
172.5°	65.7	68.4	71.0	73.5	75.7	77.3	78.7	80.1	81.3	82.3	83.3
175°	44.1	46.0	47.7	49.4	50.9	52.4	53.8	55.1	56.3	57.4	58.3
177.5°	23.4	24.3	25.0	25.8	26.4	27.1	27.7	28.2	28.7	29.2	29.6
180°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0



TEST NUMBER: P231984

CATALOG NUMBER: FVS4WM-4-LD4-30-2STD-P125-UNV-EDC1

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°	29.9	30.2	30.5	30.7	30.8	30.9	31.9	31.6	31.3	31.0	30.7
5°	59.2	60.0	60.6	61.2	61.6	61.9	62.1	62.2	63.1	62.6	62.0
7.5°	84.0	84.7	85.1	85.5	85.7	85.7	85.7	85.4	85.1	85.1	84.2
10°	108.1	109.0	109.7	110.1	110.4	110.5	110.3	109.9	109.4	109.4	108.0
12.5°	132.4	133.1	133.5	133.6	133.4	133.0	132.3	131.4	130.2	128.8	127.6
15°	156.5	157.4	158.0	158.3	158.3	157.9	157.3	156.3	155.1	153.5	152.2
17.5°	182.3	183.4	184.3	185.0	185.5	185.6	185.6	185.2	184.5	183.4	182.8
20°	207.1	208.9	210.9	212.8	214.6	216.1	217.5	218.5	219.2	219.5	220.6
22.5°	231.2	234.2	237.4	240.6	243.6	246.4	248.9	251.1	253.0	254.4	256.7
25°	253.3	257.6	262.0	267.5	272.7	277.6	282.0	286.0	289.4	292.3	294.4
27.5°	276.3	283.4	290.3	298.4	307.4	315.6	323.2	330.0	335.9	340.9	344.9
30°	303.8	315.8	327.3	338.5	351.3	363.5	374.8	385.2	394.5	402.7	409.4
32.5°	338.1	354.4	370.5	386.3	403.8	421.8	438.2	453.0	466.0	477.1	486.2
35°	376.2	399.8	424.2	447.3	470.1	495.4	518.5	539.1	557.1	572.5	585.0
37.5°	428.2	457.9	492.3	524.7	555.1	585.4	613.2	637.9	659.3	677.3	691.9
40°	494.6	531.9	572.8	612.3	648.9	684.2	717.0	744.8	767.7	785.8	799.4
42.5°	581.5	617.0	662.1	712.3	756.8	796.5	833.4	863.9	888.2	906.6	919.2
45°	673.1	723.5	772.2	828.4	880.0	929.8	965.7	1000.3	1027.6	1047.9	1061.2
47.5°	776.1	837.3	898.4	958.9	1017.9	1069.1	1117.6	1161.9	1197.7	1224.9	1243.4
50°	884.9	954.7	1026.0	1096.4	1173.4	1238.0	1296.2	1349.9	1394.3	1429.0	1453.3
52.5°	991.9	1069.8	1155.7	1243.8	1336.2	1421.6	1490.2	1555.9	1615.0	1665.8	1706.3
55°	1093.0	1186.8	1285.7	1391.6	1497.8	1602.9	1690.2	1760.1	1823.0	1879.7	1928.1
57.5°	1192.9	1300.3	1414.1	1535.6	1661.1	1756.8	1849.0	1925.7	1996.4	2062.6	2121.7
60°	1288.5	1408.6	1541.5	1668.2	1784.0	1886.7	1978.4	2063.7	2142.0	2213.3	2276.2
62.5°	1376.7	1517.6	1654.7	1784.5	1895.4	1999.3	2093.3	2183.9	2260.1	2331.0	2394.6
65°	1479.0	1614.3	1755.8	1878.4	1990.3	2095.5	2188.4	2274.2	2357.6	2432.6	2495.5
67.5°	1574.6	1713.5	1837.9	1955.6	2067.9	2170.6	2270.3	2366.9	2453.9	2524.3	2584.0
70°	1655.8	1794.0	1916.3	2022.9	2128.8	2239.7	2347.2	2442.4	2532.6	2613.3	2671.8
72.5°	1723.8	1865.6	1981.2	2087.2	2191.9	2298.4	2405.2	2509.1	2615.2	2699.1	2746.9
75°	1784.7	1917.2	2032.3	2142.2	2251.8	2353.1	2453.4	2560.3	2657.8	2751.5	2808.5
77.5°	1834.4	1960.2	2072.7	2186.6	2296.1	2401.1	2499.3	2584.8	2698.2	2793.1	2857.0
80°	1869.4	1990.7	2102.6	2217.9	2329.2	2440.3	2534.6	2633.1	2738.4	2832.5	2879.7
82.5°	1898.4	2017.1	2131.1	2243.0	2350.9	2458.4	2561.0	2663.4	2776.8	2851.5	2897.1
85°	1918.4	2033.5	2149.4	2260.3	2367.4	2479.8	2575.0	2676.7	2786.1	2866.5	2908.8
87.5°	1934.1	2040.0	2156.8	2265.2	2370.4	2491.4	2583.3	2691.2	2800.3	2881.6	2913.6
90°	1929.2	2036.8	2153.1	2258.3	2360.3	2488.4	2577.0	2683.8	2798.5	2884.7	2904.5
92.5°	1934.1	2040.0	2156.8	2265.2	2370.4	2491.4	2583.3	2691.2	2800.3	2881.6	2913.6
95°	1918.4	2033.5	2149.4	2260.3	2367.4	2479.8	2575.0	2676.7	2786.1	2866.5	2908.8
97.5°	1898.4	2017.1	2131.1	2243.0	2350.9	2458.4	2561.0	2663.4	2776.8	2851.5	2897.1
100°	1869.4	1990.7	2102.6	2217.9	2329.2	2440.3	2534.6	2633.1	2738.4	2832.5	2879.7
102.5°	1834.4	1960.2	2072.7	2186.6	2296.1	2401.1	2499.3	2584.8	2698.2	2793.1	2857.0
105°	1784.7	1917.2	2032.3	2142.2	2251.8	2353.1	2453.4	2560.3	2657.8	2751.5	2808.5
107.5°	1723.8	1865.6	1981.2	2087.2	2191.9	2298.4	2405.2	2509.1	2615.2	2699.1	2746.9
110°	1655.8	1794.0	1916.3	2022.9	2128.8	2239.7	2347.2	2442.4	2532.6	2613.3	2671.8



TEST NUMBER: P231984

CATALOG NUMBER: FVS4WM-4-LD4-30-2STD-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
112.5°	1574.6	1713.5	1837.9	1955.6	2067.9	2170.6	2270.3	2366.9	2453.9	2524.3	2584.0
115°	1479.0	1614.3	1755.8	1878.4	1990.3	2095.5	2188.4	2274.2	2357.6	2432.6	2495.5
117.5°	1376.7	1517.6	1654.7	1784.5	1895.4	1999.3	2093.3	2183.9	2260.1	2331.0	2394.6
120°	1288.5	1408.6	1541.5	1668.2	1784.0	1886.7	1978.4	2063.7	2142.0	2213.3	2276.2
122.5°	1192.9	1300.3	1414.1	1535.6	1661.1	1756.8	1849.0	1925.7	1996.4	2062.6	2121.7
125°	1093.0	1186.8	1285.7	1391.6	1497.8	1602.9	1690.2	1760.1	1823.0	1879.7	1928.1
127.5°	991.9	1069.8	1155.7	1243.8	1336.2	1421.6	1490.2	1555.9	1615.0	1665.8	1706.3
130°	884.9	954.7	1026.0	1096.4	1173.4	1238.0	1296.2	1349.9	1394.3	1429.0	1453.3
132.5°	776.1	837.3	898.4	958.9	1017.9	1069.1	1117.6	1161.9	1197.7	1224.9	1243.4
135°	673.1	723.5	772.2	828.4	880.0	929.8	965.7	1000.3	1027.6	1047.9	1061.2
137.5°	581.5	617.0	662.1	712.3	756.8	796.5	833.4	863.9	888.2	906.6	919.2
140°	494.6	531.9	572.8	612.3	648.9	684.2	717.0	744.8	767.7	785.8	799.4
142.5°	428.2	457.9	492.3	524.7	555.1	585.4	613.2	637.9	659.3	677.3	691.9
145°	376.2	399.8	424.2	447.3	470.1	495.4	518.5	539.1	557.1	572.5	585.0
147.5°	338.1	354.4	370.5	386.3	403.8	421.8	438.2	453.0	466.0	477.1	486.2
150°	303.8	315.8	327.3	338.5	351.3	363.5	374.8	385.2	394.5	402.7	409.4
152.5°	276.3	283.4	290.3	298.4	307.4	315.6	323.2	330.0	335.9	340.9	344.9
155°	253.3	257.6	262.0	267.5	272.7	277.6	282.0	286.0	289.4	292.3	294.4
157.5°	231.2	234.2	237.4	240.6	243.6	246.4	248.9	251.1	253.0	254.4	256.7
160°	207.1	208.9	210.9	212.8	214.6	216.1	217.5	218.5	219.2	219.5	220.6
162.5°	182.3	183.4	184.3	185.0	185.5	185.6	185.6	185.2	184.5	183.4	182.8
165°	156.5	157.4	158.0	158.3	158.3	157.9	157.3	156.3	155.1	153.5	152.2
167.5°	132.4	133.1	133.5	133.6	133.4	133.0	132.3	131.4	130.2	128.8	127.6
170°	108.1	109.0	109.7	110.1	110.4	110.5	110.3	109.9	109.4	109.4	108.0
172.5°	84.0	84.7	85.1	85.5	85.7	85.7	85.7	85.4	85.1	85.1	84.2
175°	59.2	60.0	60.6	61.2	61.6	61.9	62.1	62.2	63.1	62.6	62.0
177.5°	29.9	30.2	30.5	30.7	30.8	30.9	31.9	31.6	31.3	31.0	30.7
180°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0



TEST NUMBER: P231984

CATALOG NUMBER: FVS4WM-4-LD4-30-2STD-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	357.5°	360°
0°	2.4	2.4
2.5°	30.4	30.1
5°	61.5	60.9
7.5°	83.2	82.3
10°	106.6	105.2
12.5°	125.5	123.4
15°	149.7	147.1
17.5°	180.4	178.0
20°	219.0	217.5
22.5°	256.1	255.5
25°	296.3	296.6
27.5°	348.4	349.6
30°	415.6	418.4
32.5°	494.4	498.3
35°	596.1	601.1
37.5°	704.7	710.3
40°	810.7	813.9
42.5°	928.8	928.6
45°	1070.8	1067.8
47.5°	1257.4	1253.7
50°	1472.5	1469.6
52.5°	1742.3	1748.9
55°	1973.1	1990.9
57.5°	2178.2	2208.4
60°	2335.4	2371.4
62.5°	2449.8	2495.6
65°	2546.9	2588.1
67.5°	2633.3	2672.7
70°	2714.6	2744.7
72.5°	2780.5	2802.5
75°	2831.6	2842.8
77.5°	2880.3	2895.8
80°	2903.4	2915.6
82.5°	2927.6	2943.3
85°	2935.6	2948.8
87.5°	2928.6	2960.7
90°	2925.9	2948.0
92.5°	2928.6	2960.7
95°	2935.6	2948.8
97.5°	2927.6	2943.3
100°	2903.4	2915.6
102.5°	2880.3	2895.8
105°	2831.6	2842.8
107.5°	2780.5	2802.5
110°	2714.6	2744.7



TEST NUMBER: P231984

CATALOG NUMBER: FVS4WM-4-LD4-30-2STD-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	357.5°	360°
112.5°	2633.3	2672.7
115°	2546.9	2588.1
117.5°	2449.8	2495.6
120°	2335.4	2371.4
122.5°	2178.2	2208.4
125°	1973.1	1990.9
127.5°	1742.3	1748.9
130°	1472.5	1469.6
132.5°	1257.4	1253.7
135°	1070.8	1067.8
137.5°	928.8	928.6
140°	810.7	813.9
142.5°	704.7	710.3
145°	596.1	601.1
147.5°	494.4	498.3
150°	415.6	418.4
152.5°	348.4	349.6
155°	296.3	296.6
157.5°	256.1	255.5
160°	219.0	217.5
162.5°	180.4	178.0
165°	149.7	147.1
167.5°	125.5	123.4
170°	106.6	105.2
172.5°	83.2	82.3
175°	61.5	60.9
177.5°	30.4	30.1
180°	2.0	2.0

(END OF REPORT)