

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: P231916

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

Issue Date: 3/3/2020



Test Information

Test Method: LM-79-08
Report Number: P231916
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1706-121-8)
Test Lab: INNOVATION CENTER(G3)
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: FAIL-SAFE
Catalog Number: FVS4WM-2-LD4-30-2HI-P125-UNV-EDC1
Description: FAILSAFE FVS LED FIXTURE
2FT LENGTH, 2-MODULE LED WITH P125 LENS
Light Source: (84) 3000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

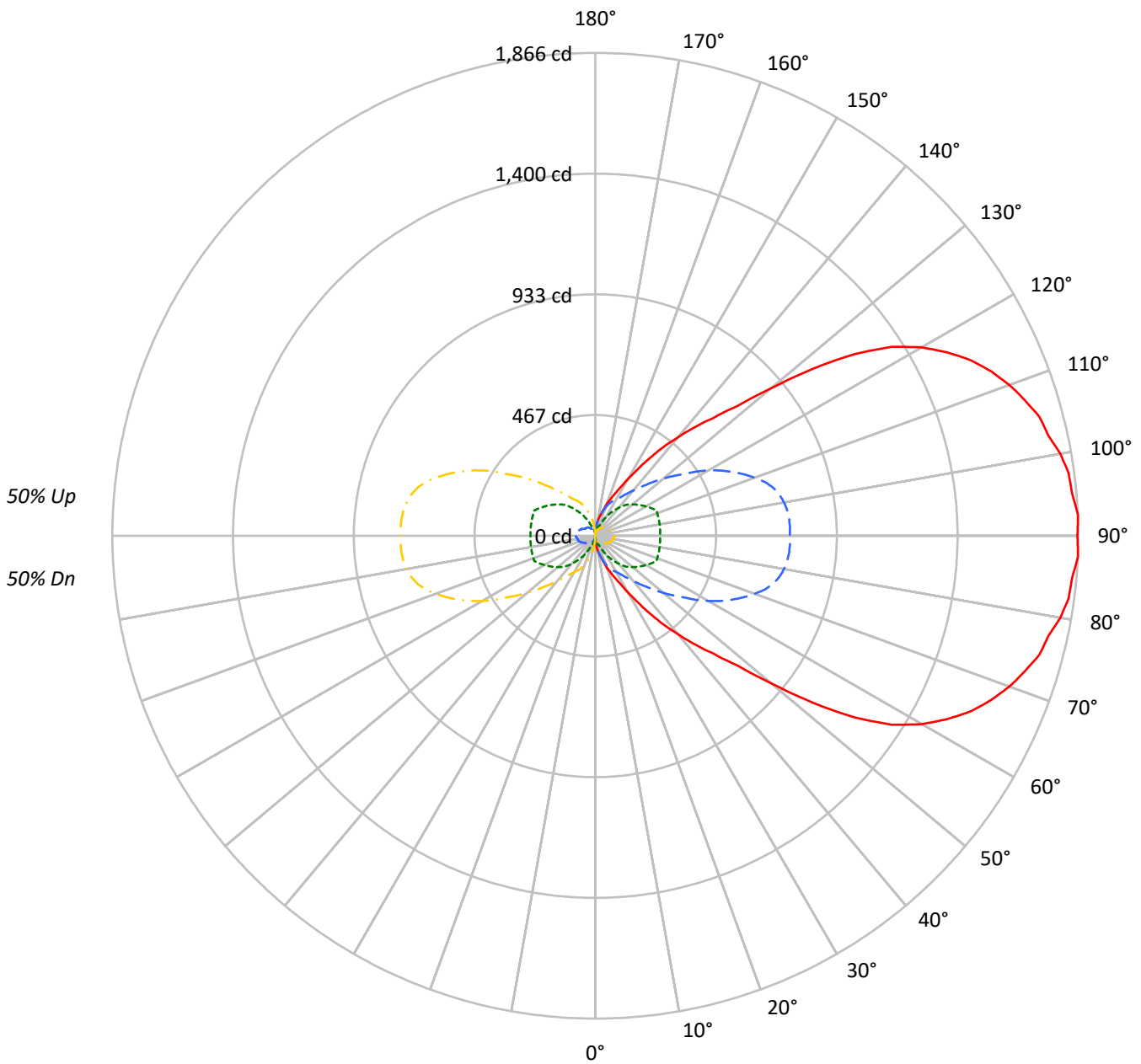
Lumens per Lamp: N/A
Luminaire Lumens: 4264.1 lumens
Efficiency: N/A
Efficacy: 95.2 lumens/watt
Spacing Criteria (0/90/45): - / - / -
Luminous Opening: Rectangular w/ Sides (W: 1.92' x L: 0.19' x H: 0.31')
CIE Type: General Diffuse

Input Watts (W): 44.8
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT

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Luminous Intensity Polar Plot



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



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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20	
RC	80				70				50				30				10	0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR																		
0	107	107	107	107	99	99	99	99	83	83	83	69	69	69	56	56	56	50
1	91	83	77	71	83	76	70	65	63	58	54	50	46	43	38	36	33	28
2	80	69	60	52	72	63	55	48	51	45	39	40	35	31	30	26	23	18
3	71	58	49	41	64	53	44	37	43	36	30	33	28	23	24	20	17	12
4	64	50	40	32	58	46	37	30	37	29	24	28	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	11	8	5
7	49	35	25	19	44	31	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	12	9	13	9	6	3
9	42	28	20	14	38	26	18	13	21	14	10	16	11	7	12	8	5	2
10	39	26	18	12	35	23	16	11	19	13	9	15	10	6	11	7	4	2

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	0	0	0	0
5°	934	285	0	285
10°	1469	568	0	568
15°	1878	859	0	859
20°	2595	1158	0	1158
25°	3329	1760	0	1760
30°	4477	2696	0	2696
35°	6152	3718	0	3718
40°	8092	4860	0	4860
45°	10209	6166	0	6166
50°	13826	7347	0	7347
55°	18906	8785	0	8785
60°	22436	10576	15	10576
65°	24835	12892	15	12892
70°	26730	15392	16	15392
75°	28466	18231	16	18231
80°	30104	22611	0	22611
85°	31695	30146	0	30146



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	2.0	0.0
10°-20°	13.6	0.3
20°-30°	38.3	0.9
30°-40°	84.9	2.0
40°-50°	164.2	3.8
50°-60°	292.2	6.9
60°-70°	430.8	10.1
70°-80°	528.4	12.4
80°-90°	577.6	13.5
90°-100°	577.6	13.5
100°-110°	528.4	12.4
110°-120°	430.8	10.1
120°-130°	292.2	6.9
130°-140°	164.2	3.8
140°-150°	84.9	2.0
150°-160°	38.3	0.9
160°-170°	13.6	0.3
170°-180°	2.0	0.0
0°-30°	53.9	1.3
0°-40°	138.8	3.3
0°-60°	595.2	14.0
0°-90°	2132.0	50.0
90°-120°	1536.8	36.0
90°-150°	2078.2	48.7
90°-180°	2132.0	50.0
0°-180°	4264.1	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	0	0	0	0	0	
5°	36	10	0	10	36	4
15°	88	29	0	29	88	27
25°	179	57	0	57	179	87
35°	365	113	0	113	365	235
45°	643	169	0	169	643	516
55°	1224	207	0	207	1224	1085
65°	1603	246	1	246	1603	1583
75°	1776	253	1	253	1776	1871
85°	1849	251	0	251	1849	1508
90°	1863	250	0	250	1863	1022
95°	1849	251	0	251	1849	1508
105°	1776	253	1	253	1776	1871
115°	1603	246	1	246	1603	1583
125°	1224	207	0	207	1224	1085
135°	643	169	0	169	643	516
145°	365	113	0	113	365	235
155°	179	57	0	57	179	87
165°	88	29	0	29	88	27
175°	36	10	0	10	36	4
180°	0	0	0	0	0	



TEST NUMBER: P231916

CATALOG NUMBER: FVS4WM-2-LD4-30-2HI-P125-UNV-EDC1

CANDELA DISTRIBUTION (FULL):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	14.4	14.6	14.8	15.0	15.2	15.4	15.6	15.1	15.1	15.1	15.0
5°	35.6	35.9	36.3	36.6	37.0	36.3	36.2	36.1	35.8	35.5	35.1
7.5°	48.1	48.7	49.3	49.9	49.9	50.1	50.3	50.4	50.4	50.3	50.1
10°	62.5	63.4	64.2	65.1	65.1	65.4	65.6	65.7	65.6	65.5	65.2
12.5°	75.0	76.2	77.4	78.1	78.8	79.4	79.9	80.2	80.4	80.4	80.2
15°	87.6	89.2	90.8	91.7	92.7	93.6	94.3	94.8	95.1	95.2	95.0
17.5°	105.8	107.5	109.1	109.7	110.5	111.1	111.4	111.6	111.6	111.4	111.0
20°	130.8	131.9	133.1	132.6	132.5	132.2	131.7	131.0	130.1	129.1	128.0
22.5°	153.0	153.6	154.2	153.2	152.6	151.8	150.8	149.5	148.1	146.6	145.0
25°	179.0	179.0	178.0	176.8	175.2	173.3	171.1	168.5	165.8	162.9	159.8
27.5°	209.7	209.0	207.0	204.8	202.0	198.7	194.9	190.8	186.3	181.5	177.1
30°	254.0	252.3	248.5	244.3	239.2	233.4	226.8	219.6	211.8	203.5	197.4
32.5°	304.0	301.4	296.2	290.3	283.4	275.3	266.3	256.3	245.5	234.8	224.7
35°	364.6	361.2	354.1	346.3	336.8	325.9	313.5	299.7	284.7	271.1	257.3
37.5°	432.0	428.1	419.7	410.2	398.7	385.1	369.5	352.1	333.3	315.4	296.3
40°	496.4	493.6	485.9	476.8	464.9	450.3	432.7	412.2	390.1	367.3	342.8
42.5°	569.6	567.6	559.7	550.1	537.3	521.3	502.1	479.7	455.1	427.5	396.7
45°	642.7	644.3	638.9	631.0	618.6	601.4	579.1	555.2	525.2	494.9	462.9
47.5°	740.8	744.1	737.7	728.7	714.5	695.0	670.4	641.5	608.2	569.1	535.2
50°	886.1	887.8	874.7	858.6	836.0	807.5	773.5	739.8	702.9	660.1	616.9
52.5°	1061.2	1056.5	1033.4	1007.7	975.7	938.7	897.8	854.2	802.5	748.9	699.6
55°	1223.8	1212.5	1182.7	1150.3	1111.8	1068.5	1021.1	968.0	906.7	843.6	780.7
57.5°	1358.5	1340.2	1305.4	1268.8	1227.4	1182.6	1131.5	1072.1	1011.6	937.1	864.0
60°	1455.7	1435.2	1400.5	1363.0	1319.7	1271.3	1218.8	1164.0	1100.5	1027.0	948.9
62.5°	1533.6	1508.2	1476.5	1439.0	1396.1	1348.9	1295.1	1238.7	1176.2	1109.6	1027.7
65°	1602.9	1576.9	1544.5	1505.6	1460.7	1411.7	1359.3	1303.2	1239.6	1172.0	1098.3
67.5°	1656.7	1632.3	1601.6	1564.2	1520.1	1469.7	1413.8	1354.4	1292.5	1224.3	1152.6
70°	1702.9	1685.0	1658.7	1622.1	1572.6	1519.0	1462.6	1399.5	1333.7	1269.7	1203.8
72.5°	1740.4	1729.2	1709.7	1680.0	1629.3	1564.8	1501.5	1438.1	1373.9	1310.4	1245.8
75°	1776.0	1769.8	1755.2	1721.0	1666.7	1604.2	1536.4	1473.5	1410.9	1344.7	1278.3
77.5°	1792.4	1791.8	1785.5	1750.3	1695.8	1634.1	1569.4	1505.2	1440.0	1371.9	1303.9
80°	1824.2	1821.6	1808.2	1774.2	1719.8	1657.4	1593.3	1529.4	1462.5	1391.9	1322.5
82.5°	1844.4	1842.0	1830.6	1804.1	1746.5	1675.6	1606.3	1539.0	1475.9	1409.6	1341.3
85°	1849.2	1851.0	1844.9	1814.0	1758.6	1688.8	1618.1	1552.2	1487.4	1422.3	1353.1
87.5°	1866.5	1862.5	1847.8	1822.0	1766.1	1700.9	1630.2	1560.2	1491.7	1426.9	1358.0
90°	1862.6	1860.7	1850.1	1825.1	1763.5	1697.2	1631.7	1559.6	1488.4	1423.9	1356.6
92.5°	1866.5	1862.5	1847.8	1822.0	1766.1	1700.9	1630.2	1560.2	1491.7	1426.9	1358.0
95°	1849.2	1851.0	1844.9	1814.0	1758.6	1688.8	1618.1	1552.2	1487.4	1422.3	1353.1
97.5°	1844.4	1842.0	1830.6	1804.1	1746.5	1675.6	1606.3	1539.0	1475.9	1409.6	1341.3
100°	1824.2	1821.6	1808.2	1774.2	1719.8	1657.4	1593.3	1529.4	1462.5	1391.9	1322.5
102.5°	1792.4	1791.8	1785.5	1750.3	1695.8	1634.1	1569.4	1505.2	1440.0	1371.9	1303.9
105°	1776.0	1769.8	1755.2	1721.0	1666.7	1604.2	1536.4	1473.5	1410.9	1344.7	1278.3
107.5°	1740.4	1729.2	1709.7	1680.0	1629.3	1564.8	1501.5	1438.1	1373.9	1310.4	1245.8
110°	1702.9	1685.0	1658.7	1622.1	1572.6	1519.0	1462.6	1399.5	1333.7	1269.7	1203.8



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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°	1656.7	1632.3	1601.6	1564.2	1520.1	1469.7	1413.8	1354.4	1292.5	1224.3	1152.6
115°	1602.9	1576.9	1544.5	1505.6	1460.7	1411.7	1359.3	1303.2	1239.6	1172.0	1098.3
117.5°	1533.6	1508.2	1476.5	1439.0	1396.1	1348.9	1295.1	1238.7	1176.2	1109.6	1027.7
120°	1455.7	1435.2	1400.5	1363.0	1319.7	1271.3	1218.8	1164.0	1100.5	1027.0	948.9
122.5°	1358.5	1340.2	1305.4	1268.8	1227.4	1182.6	1131.5	1072.1	1011.6	937.1	864.0
125°	1223.8	1212.5	1182.7	1150.3	1111.8	1068.5	1021.1	968.0	906.7	843.6	780.7
127.5°	1061.2	1056.5	1033.4	1007.7	975.7	938.7	897.8	854.2	802.5	748.9	699.6
130°	886.1	887.8	874.7	858.6	836.0	807.5	773.5	739.8	702.9	660.1	616.9
132.5°	740.8	744.1	737.7	728.7	714.5	695.0	670.4	641.5	608.2	569.1	535.2
135°	642.7	644.3	638.9	631.0	618.6	601.4	579.1	555.2	525.2	494.9	462.9
137.5°	569.6	567.6	559.7	550.1	537.3	521.3	502.1	479.7	455.1	427.5	396.7
140°	496.4	493.6	485.9	476.8	464.9	450.3	432.7	412.2	390.1	367.3	342.8
142.5°	432.0	428.1	419.7	410.2	398.7	385.1	369.5	352.1	333.3	315.4	296.3
145°	364.6	361.2	354.1	346.3	336.8	325.9	313.5	299.7	284.7	271.1	257.3
147.5°	304.0	301.4	296.2	290.3	283.4	275.3	266.3	256.3	245.5	234.8	224.7
150°	254.0	252.3	248.5	244.3	239.2	233.4	226.8	219.6	211.8	203.5	197.4
152.5°	209.7	209.0	207.0	204.8	202.0	198.7	194.9	190.8	186.3	181.5	177.1
155°	179.0	179.0	178.0	176.8	175.2	173.3	171.1	168.5	165.8	162.9	159.8
157.5°	153.0	153.6	154.2	153.2	152.6	151.8	150.8	149.5	148.1	146.6	145.0
160°	130.8	131.9	133.1	132.6	132.5	132.2	131.7	131.0	130.1	129.1	128.0
162.5°	105.8	107.5	109.1	109.7	110.5	111.1	111.4	111.6	111.6	111.4	111.0
165°	87.6	89.2	90.8	91.7	92.7	93.6	94.3	94.8	95.1	95.2	95.0
167.5°	75.0	76.2	77.4	78.1	78.8	79.4	79.9	80.2	80.4	80.4	80.2
170°	62.5	63.4	64.2	65.1	65.1	65.4	65.6	65.7	65.6	65.5	65.2
172.5°	48.1	48.7	49.3	49.9	49.9	50.1	50.3	50.4	50.4	50.3	50.1
175°	35.6	35.9	36.3	36.6	37.0	36.3	36.2	36.1	35.8	35.5	35.1
177.5°	14.4	14.6	14.8	15.0	15.2	15.4	15.6	15.1	15.1	15.1	15.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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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°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	14.9	14.8	14.6	14.5	14.3	14.0	13.8	13.5	13.2	12.8	12.5
5°	34.6	34.0	33.4	32.7	32.0	31.1	30.3	29.3	28.3	27.2	26.1
7.5°	49.8	49.5	49.1	48.5	47.9	47.3	46.5	45.6	44.7	43.2	41.6
10°	64.7	64.2	63.5	62.6	61.7	60.6	59.5	58.4	57.1	55.7	54.3
12.5°	79.9	79.4	78.8	78.0	76.9	75.6	74.1	72.4	70.6	68.6	66.5
15°	94.7	94.2	93.5	92.6	91.4	90.1	88.6	86.8	84.9	82.6	80.0
17.5°	110.4	109.6	108.8	107.7	106.5	104.9	103.1	101.1	98.8	96.3	93.5
20°	126.9	125.8	124.6	123.3	121.8	120.2	118.2	115.8	113.2	110.3	107.1
22.5°	143.2	141.4	139.7	138.0	136.4	134.6	132.5	130.4	128.2	124.7	121.1
25°	157.5	155.1	152.9	150.6	148.6	146.7	145.1	143.5	141.0	138.4	136.1
27.5°	173.1	169.1	165.1	161.6	159.1	156.7	154.8	153.0	151.7	150.3	147.4
30°	191.3	184.9	179.0	174.0	169.6	165.2	162.7	160.6	160.6	162.0	163.2
32.5°	214.3	203.7	195.4	188.1	180.8	175.5	173.9	173.4	174.3	175.1	176.2
35°	243.0	229.0	216.9	204.8	197.2	194.2	190.6	189.6	188.3	188.6	189.2
37.5°	276.3	259.0	242.2	233.0	224.8	216.8	211.6	207.1	204.3	202.7	202.5
40°	317.9	296.6	281.5	268.8	256.6	245.3	235.8	227.6	222.1	218.1	216.3
42.5°	369.4	349.0	328.6	311.0	294.2	278.4	263.4	252.3	242.0	235.6	231.1
45°	435.4	406.7	381.8	357.1	335.4	314.5	296.6	278.8	266.2	254.8	247.4
47.5°	503.5	470.8	438.7	407.6	380.2	354.6	331.6	311.1	291.5	277.3	266.0
50°	572.6	534.3	497.2	461.7	428.4	396.9	368.9	343.9	321.6	301.3	285.6
52.5°	649.8	601.2	555.4	514.8	476.3	441.0	407.5	378.4	353.3	328.0	316.1
55°	723.6	669.2	617.0	567.3	523.8	483.6	446.2	414.0	391.6	372.7	358.2
57.5°	796.4	733.2	676.0	621.6	570.7	525.9	491.3	461.0	434.9	414.8	399.7
60°	867.2	795.7	730.5	671.9	622.2	576.9	537.1	504.5	477.4	455.6	439.1
62.5°	942.3	853.9	785.3	728.5	676.3	625.0	581.9	546.1	517.0	493.4	476.0
65°	1010.5	923.8	842.0	781.1	726.6	673.8	623.8	583.5	553.7	530.1	512.4
67.5°	1075.8	986.5	901.2	828.7	771.4	718.8	664.3	620.9	588.5	564.4	546.4
70°	1127.9	1040.2	953.2	870.9	811.3	758.3	704.8	655.4	619.9	595.7	578.1
72.5°	1175.3	1085.4	993.0	910.4	844.4	792.9	741.8	688.2	648.6	625.0	608.1
75°	1208.7	1126.9	1027.3	939.7	870.8	822.3	770.0	712.7	672.3	648.6	633.8
77.5°	1236.1	1161.4	1056.8	966.2	894.0	836.6	782.7	729.1	689.7	669.1	657.4
80°	1256.2	1183.7	1088.8	990.6	911.6	849.1	792.8	740.5	702.8	687.0	679.4
82.5°	1275.3	1203.0	1112.8	1009.7	925.1	859.8	800.4	747.7	712.4	703.0	700.0
85°	1288.7	1217.9	1128.7	1023.3	934.3	868.2	805.3	751.4	719.5	717.5	719.7
87.5°	1296.2	1230.7	1140.4	1034.0	941.4	875.7	808.9	752.9	725.0	731.0	738.9
90°	1297.9	1230.5	1137.2	1033.3	940.9	876.5	807.2	751.4	730.2	744.7	758.1
92.5°	1296.2	1230.7	1140.4	1034.0	941.4	875.7	808.9	752.9	725.0	731.0	738.8
95°	1288.7	1217.9	1128.7	1023.3	934.3	868.2	805.3	751.4	719.5	717.5	719.7
97.5°	1275.3	1203.0	1112.8	1009.7	925.1	859.8	800.4	747.7	712.4	703.0	700.0
100°	1256.2	1183.7	1088.8	990.6	911.6	849.1	792.8	740.5	702.8	687.0	679.4
102.5°	1236.1	1161.4	1056.8	966.2	894.0	836.6	782.7	729.1	689.7	669.1	657.4
105°	1208.7	1126.9	1027.3	939.7	870.8	822.3	770.0	712.7	672.3	648.6	633.8
107.5°	1175.3	1085.4	993.0	910.4	844.4	792.9	741.8	688.2	648.6	625.0	608.1
110°	1127.9	1040.2	953.2	870.9	811.3	758.3	704.8	655.4	619.9	595.7	578.1



TEST NUMBER: P231916

CATALOG NUMBER: FVS4WM-2-LD4-30-2HI-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
112.5°	1075.8	986.5	901.2	828.7	771.4	718.8	664.3	620.9	588.5	564.4	546.4
115°	1010.5	923.8	842.0	781.1	726.6	673.8	623.8	583.5	553.7	530.1	512.4
117.5°	942.3	853.9	785.3	728.5	676.3	625.0	581.9	546.1	517.0	493.4	476.0
120°	867.2	795.7	730.5	671.9	622.2	576.9	537.1	504.5	477.4	455.6	439.1
122.5°	796.4	733.2	676.0	621.6	570.7	525.9	491.3	461.0	434.9	414.8	399.7
125°	723.6	669.2	617.0	567.3	523.8	483.6	446.2	414.0	391.6	372.7	358.2
127.5°	649.8	601.2	555.4	514.8	476.3	441.0	407.5	378.4	353.3	328.0	316.1
130°	572.6	534.3	497.2	461.7	428.4	396.9	368.9	343.9	321.6	301.3	285.6
132.5°	503.5	470.8	438.7	407.6	380.2	354.6	331.6	311.1	291.5	277.3	266.0
135°	435.4	406.7	381.8	357.1	335.4	314.5	296.6	278.8	266.2	254.8	247.4
137.5°	369.4	349.0	328.6	311.0	294.2	278.4	263.4	252.3	242.0	235.6	231.1
140°	317.9	296.6	281.5	268.8	256.6	245.3	235.8	227.6	222.1	218.1	216.3
142.5°	276.3	259.0	242.2	233.0	224.8	216.8	211.6	207.1	204.3	202.7	202.5
145°	243.0	229.0	216.9	204.8	197.2	194.2	190.6	189.6	188.3	188.6	189.2
147.5°	214.3	203.7	195.4	188.1	180.8	175.5	173.9	173.4	174.3	175.1	176.2
150°	191.3	184.9	179.0	174.0	169.6	165.2	162.7	160.6	160.6	162.0	163.2
152.5°	173.1	169.1	165.1	161.6	159.1	156.7	154.8	153.0	151.7	150.3	147.4
155°	157.5	155.1	152.9	150.6	148.6	146.7	145.1	143.5	141.0	138.4	136.1
157.5°	143.2	141.4	139.7	138.0	136.4	134.6	132.5	130.4	128.2	124.7	121.1
160°	126.9	125.8	124.6	123.3	121.8	120.2	118.2	115.8	113.2	110.3	107.1
162.5°	110.4	109.6	108.8	107.7	106.5	104.9	103.1	101.1	98.8	96.3	93.5
165°	94.7	94.2	93.5	92.6	91.4	90.1	88.6	86.8	84.9	82.6	80.0
167.5°	79.9	79.4	78.8	78.0	76.9	75.6	74.1	72.4	70.6	68.6	66.5
170°	64.7	64.2	63.5	62.6	61.7	60.6	59.5	58.4	57.1	55.7	54.3
172.5°	49.8	49.5	49.1	48.5	47.9	47.3	46.5	45.6	44.7	43.2	41.6
175°	34.6	34.0	33.4	32.7	32.0	31.1	30.3	29.3	28.3	27.2	26.1
177.5°	14.9	14.8	14.6	14.5	14.3	14.0	13.8	13.5	13.2	12.8	12.5
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P231916

CATALOG NUMBER: FVS4WM-2-LD4-30-2HI-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	12.1	11.7	11.3	10.8	10.4	9.9	9.4	8.9	8.3	7.8	7.2
5°	24.9	23.6	22.4	21.5	20.6	19.6	18.6	17.6	16.5	15.4	14.3
7.5°	39.8	38.0	36.1	34.1	32.1	30.0	27.8	26.2	24.6	23.0	21.4
10°	52.7	51.0	49.3	46.6	44.0	41.3	38.5	35.7	32.8	30.5	28.3
12.5°	64.4	62.3	60.0	57.6	55.1	52.1	48.7	45.3	41.8	38.2	35.2
15°	77.2	74.2	71.6	68.2	65.1	61.8	58.4	54.5	50.5	46.3	42.1
17.5°	91.0	87.1	83.3	79.4	75.5	71.6	67.5	63.3	58.8	54.2	49.4
20°	103.6	99.9	95.9	91.3	86.6	81.6	76.8	71.9	66.8	61.7	56.5
22.5°	117.1	112.8	108.2	103.4	98.0	92.3	86.4	80.7	74.8	68.9	63.3
25°	131.0	126.1	120.9	115.4	110.9	106.0	100.7	95.2	89.7	84.0	78.6
27.5°	146.0	143.0	138.9	134.5	129.8	124.7	119.1	113.1	107.1	101.1	95.0
30°	162.4	160.9	158.0	153.3	148.4	143.0	137.2	130.8	124.6	117.9	111.4
32.5°	177.3	176.7	175.1	171.7	166.5	160.9	154.8	148.3	141.3	134.4	127.6
35°	190.2	191.1	190.3	188.6	184.2	178.6	172.2	165.9	158.1	150.7	143.7
37.5°	203.1	203.9	204.7	203.4	202.0	195.6	189.3	182.2	174.7	166.8	159.5
40°	216.0	216.6	217.4	217.7	216.2	212.3	206.1	198.8	191.1	182.9	175.2
42.5°	229.1	229.3	229.9	230.7	230.1	228.7	222.3	215.2	207.2	198.8	190.7
45°	243.5	241.6	242.4	243.1	243.7	242.5	238.2	231.3	223.1	214.5	206.1
47.5°	257.5	255.3	254.7	255.6	256.2	257.6	257.9	252.4	244.1	234.3	223.7
50°	275.4	270.5	277.3	284.8	289.0	289.8	288.4	280.6	269.6	256.5	242.6
52.5°	310.5	312.5	319.7	325.9	328.0	324.4	319.6	310.1	296.4	279.5	262.3
55°	351.4	353.7	361.1	369.1	369.4	361.8	352.5	340.7	324.2	303.5	282.6
57.5°	391.3	391.5	401.5	411.9	411.8	401.9	387.0	372.4	352.8	328.4	303.6
60°	428.5	427.6	440.0	452.8	455.8	444.3	422.9	404.8	381.8	353.9	325.0
62.5°	465.8	464.7	475.9	493.0	501.2	488.8	460.7	437.8	411.4	380.0	346.8
65°	501.6	499.7	509.6	532.5	547.6	533.0	500.8	471.6	441.6	406.6	368.9
67.5°	534.9	532.7	541.3	570.1	588.3	577.0	542.3	506.1	472.2	433.6	391.3
70°	566.6	565.7	575.9	603.6	620.8	607.4	566.7	521.8	482.8	441.1	396.3
72.5°	596.3	593.2	600.4	617.5	628.8	614.6	573.4	525.6	485.2	443.4	398.3
75°	622.8	618.1	623.7	635.1	639.3	622.3	579.3	529.0	487.2	445.3	399.8
77.5°	648.5	642.8	647.2	655.8	651.8	630.3	584.5	532.0	488.6	446.7	400.8
80°	673.4	667.2	670.9	678.9	665.9	638.3	589.0	534.6	489.6	447.6	401.4
82.5°	697.9	691.4	694.7	703.8	680.9	646.1	592.6	536.8	490.1	448.0	402.8
85°	721.8	715.6	718.8	729.6	696.4	655.6	597.3	539.7	491.1	448.8	401.9
87.5°	745.5	739.7	743.0	756.1	712.2	660.7	597.8	539.7	489.9	447.6	401.1
90°	768.7	763.9	767.8	781.2	726.4	665.8	598.4	539.7	488.7	446.4	400.2
92.5°	745.5	739.7	743.0	756.1	712.2	660.7	597.8	539.7	489.9	447.6	401.1
95°	721.8	715.6	718.8	729.6	696.4	655.6	597.3	539.7	491.1	448.8	401.9
97.5°	697.9	691.4	694.7	703.8	680.9	646.1	592.6	536.8	490.1	448.0	402.8
100°	673.4	667.2	670.9	678.9	665.9	638.3	589.0	534.6	489.6	447.6	401.4
102.5°	648.5	642.8	647.2	655.8	651.8	630.3	584.5	532.0	488.6	446.7	400.8
105°	622.8	618.1	623.7	635.1	639.3	622.3	579.3	529.0	487.2	445.3	399.8
107.5°	596.3	593.2	600.4	617.5	628.8	614.6	573.4	525.6	485.2	443.4	398.3
110°	566.6	565.7	575.9	603.6	620.8	607.4	566.7	521.8	482.8	441.1	396.3



TEST NUMBER: P231916

CATALOG NUMBER: FVS4WM-2-LD4-30-2HI-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
112.5°	534.9	532.7	541.3	570.1	588.3	577.0	542.3	506.1	472.2	433.6	391.3
115°	501.6	499.7	509.6	532.5	547.6	533.0	500.8	471.6	441.6	406.6	368.9
117.5°	465.8	464.7	475.9	493.0	501.2	488.8	460.7	437.8	411.4	380.0	346.8
120°	428.5	427.6	440.0	452.8	455.8	444.3	422.9	404.8	381.8	353.9	325.0
122.5°	391.3	391.5	401.5	411.9	411.8	401.9	387.0	372.4	352.8	328.4	303.6
125°	351.4	353.7	361.1	369.1	369.4	361.8	352.5	340.7	324.2	303.5	282.6
127.5°	310.5	312.5	319.7	325.9	328.0	324.4	319.6	310.1	296.4	279.5	262.3
130°	275.4	270.5	277.3	284.8	289.0	289.8	288.4	280.6	269.6	256.5	242.6
132.5°	257.5	255.3	254.7	255.6	256.2	257.6	257.9	252.4	244.1	234.3	223.7
135°	243.5	241.6	242.4	243.1	243.7	242.5	238.2	231.3	223.1	214.5	206.1
137.5°	229.1	229.3	229.9	230.7	230.1	228.7	222.3	215.2	207.2	198.8	190.7
140°	216.0	216.6	217.4	217.7	216.2	212.3	206.1	198.8	191.1	182.9	175.2
142.5°	203.1	203.9	204.7	203.4	202.0	195.6	189.3	182.2	174.7	166.8	159.5
145°	190.2	191.1	190.3	188.6	184.2	178.6	172.2	165.9	158.1	150.7	143.7
147.5°	177.3	176.7	175.1	171.7	166.5	160.9	154.8	148.3	141.3	134.4	127.6
150°	162.4	160.9	158.0	153.3	148.4	143.0	137.2	130.8	124.6	117.9	111.4
152.5°	146.0	143.0	138.9	134.5	129.8	124.7	119.1	113.1	107.1	101.1	95.0
155°	131.0	126.1	120.9	115.4	110.9	106.0	100.7	95.2	89.7	84.0	78.6
157.5°	117.1	112.8	108.2	103.4	98.0	92.3	86.4	80.7	74.8	68.9	63.3
160°	103.6	99.9	95.9	91.3	86.6	81.6	76.8	71.9	66.8	61.7	56.5
162.5°	91.0	87.1	83.3	79.4	75.5	71.6	67.5	63.3	58.8	54.2	49.4
165°	77.2	74.2	71.6	68.2	65.1	61.8	58.4	54.5	50.5	46.3	42.1
167.5°	64.4	62.3	60.0	57.6	55.1	52.1	48.7	45.3	41.8	38.2	35.2
170°	52.7	51.0	49.3	46.6	44.0	41.3	38.5	35.7	32.8	30.5	28.3
172.5°	39.8	38.0	36.1	34.1	32.1	30.0	27.8	26.2	24.6	23.0	21.4
175°	24.9	23.6	22.4	21.5	20.6	19.6	18.6	17.6	16.5	15.4	14.3
177.5°	12.1	11.7	11.3	10.8	10.4	9.9	9.4	8.9	8.3	7.8	7.2
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P231916

CATALOG NUMBER: FVS4WM-2-LD4-30-2HI-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	6.6	6.0	5.4	4.8	4.8	4.8	4.7	4.7	4.6	4.5	4.5
5°	13.2	12.0	10.8	9.6	9.5	9.4	9.3	9.2	9.0	8.9	8.7
7.5°	19.7	18.0	16.2	14.4	14.3	14.0	13.8	13.6	13.3	13.0	12.7
10°	26.1	23.9	21.6	19.2	18.9	18.6	18.2	17.8	17.3	16.9	16.6
12.5°	32.5	29.7	26.9	24.1	23.6	23.0	22.5	21.9	21.3	21.0	20.7
15°	38.8	35.6	32.2	28.9	28.2	27.4	26.6	25.9	25.5	25.1	24.7
17.5°	45.0	41.3	37.5	33.7	32.7	31.7	30.7	30.1	29.6	29.1	28.6
20°	51.3	47.0	42.8	38.5	37.3	36.0	34.7	34.2	33.7	33.1	32.4
22.5°	57.7	52.7	48.0	43.3	41.8	40.2	39.0	38.4	37.8	37.0	36.3
25°	73.1	67.6	62.6	57.3	55.1	52.7	50.9	49.4	47.8	46.0	44.1
27.5°	89.0	82.9	77.2	71.3	68.4	65.3	63.2	61.2	59.0	56.6	54.2
30°	104.9	98.2	91.9	85.3	81.6	77.8	75.3	72.6	69.8	66.9	63.8
32.5°	120.7	113.6	106.6	99.3	94.8	90.3	87.1	83.8	80.3	76.7	72.8
35°	136.4	128.9	121.2	113.3	107.9	102.8	98.8	94.8	90.5	86.0	81.4
37.5°	152.0	144.2	135.9	127.3	120.9	115.1	110.3	105.5	100.7	95.0	89.8
40°	167.6	159.4	150.6	141.3	133.9	127.3	121.7	116.0	110.0	103.6	97.9
42.5°	183.0	174.6	165.3	155.3	146.8	139.4	133.1	126.3	119.2	112.1	105.7
45°	198.3	189.7	180.0	169.3	159.7	151.3	143.9	136.4	128.2	120.3	113.2
47.5°	213.4	202.7	191.3	178.8	167.2	157.4	148.9	140.6	132.3	124.9	117.7
50°	229.1	215.9	202.6	188.3	174.5	163.1	153.0	143.4	134.5	127.3	119.5
52.5°	245.3	229.3	214.0	197.9	181.8	168.6	156.9	146.2	136.8	129.8	121.8
55°	262.0	242.9	225.5	207.4	188.9	173.9	160.7	149.0	139.3	132.6	124.5
57.5°	279.1	256.6	237.0	216.9	196.0	179.1	164.3	151.8	142.2	135.4	127.6
60°	296.5	270.4	248.5	226.4	203.0	184.2	167.8	154.6	145.2	138.4	131.5
62.5°	314.3	284.3	260.1	236.0	210.0	189.2	171.3	157.5	148.3	141.7	135.3
65°	332.3	298.2	271.7	245.5	216.9	194.2	174.6	160.4	151.5	145.3	139.7
67.5°	350.5	312.2	283.3	255.0	223.8	199.1	178.0	163.4	154.8	149.2	144.4
70°	354.8	315.6	284.5	254.5	222.4	197.8	176.8	162.7	154.5	149.3	145.5
72.5°	357.8	318.5	285.7	253.9	221.0	196.4	175.4	161.6	153.2	147.9	144.3
75°	360.4	321.4	288.0	253.4	219.6	195.1	174.1	160.6	152.0	146.6	143.3
77.5°	362.7	324.2	288.7	252.8	218.3	193.9	173.0	159.7	150.7	145.3	142.3
80°	364.8	328.1	289.5	252.3	217.0	192.8	172.0	158.9	149.5	144.0	141.5
82.5°	367.5	330.3	290.2	251.7	215.8	191.9	171.1	158.2	148.4	142.8	140.7
85°	368.5	332.4	291.0	251.2	214.7	191.0	170.4	157.7	147.3	141.6	139.9
87.5°	369.4	334.6	291.7	250.6	213.6	190.2	169.8	157.2	146.2	140.5	139.2
90°	370.4	336.7	292.5	250.1	212.6	189.5	169.3	156.8	145.3	139.5	138.5
92.5°	369.4	334.6	291.7	250.6	213.6	190.2	169.8	157.2	146.2	140.5	139.2
95°	368.5	332.4	291.0	251.2	214.7	191.0	170.4	157.7	147.3	141.6	139.9
97.5°	367.5	330.3	290.2	251.7	215.8	191.9	171.1	158.2	148.4	142.8	140.7
100°	364.8	328.1	289.5	252.3	217.0	192.8	172.0	158.9	149.5	144.0	141.5
102.5°	362.7	324.2	288.7	252.8	218.3	193.9	173.0	159.7	150.7	145.3	142.3
105°	360.4	321.4	288.0	253.4	219.6	195.1	174.1	160.6	152.0	146.6	143.3
107.5°	357.8	318.5	285.7	253.9	221.0	196.4	175.4	161.6	153.2	147.9	144.3
110°	354.8	315.6	284.5	254.5	222.4	197.8	176.8	162.7	154.5	149.3	145.5



TEST NUMBER: P231916

CATALOG NUMBER: FVS4WM-2-LD4-30-2HI-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
112.5°	350.5	312.2	283.3	255.0	223.8	199.1	178.0	163.4	154.8	149.2	144.4
115°	332.3	298.2	271.7	245.5	216.9	194.2	174.6	160.4	151.5	145.3	139.7
117.5°	314.3	284.3	260.1	236.0	210.0	189.2	171.3	157.5	148.3	141.7	135.3
120°	296.5	270.4	248.5	226.4	203.0	184.2	167.8	154.6	145.2	138.4	131.5
122.5°	279.1	256.6	237.0	216.9	196.0	179.1	164.3	151.8	142.2	135.4	127.6
125°	262.0	242.9	225.5	207.4	188.9	173.9	160.7	149.0	139.3	132.6	124.5
127.5°	245.3	229.3	214.0	197.9	181.8	168.6	156.9	146.2	136.8	129.8	121.8
130°	229.1	215.9	202.6	188.3	174.5	163.1	153.0	143.4	134.5	127.3	119.5
132.5°	213.4	202.7	191.3	178.8	167.2	157.4	148.9	140.6	132.3	124.9	117.7
135°	198.3	189.7	180.0	169.3	159.7	151.3	143.9	136.4	128.2	120.3	113.2
137.5°	183.0	174.6	165.3	155.3	146.8	139.4	133.1	126.3	119.2	112.1	105.7
140°	167.6	159.4	150.6	141.3	133.9	127.3	121.7	116.0	110.0	103.6	97.9
142.5°	152.0	144.2	135.9	127.3	120.9	115.1	110.3	105.5	100.7	95.0	89.8
145°	136.4	128.9	121.2	113.3	107.9	102.8	98.8	94.8	90.5	86.0	81.4
147.5°	120.7	113.6	106.6	99.3	94.8	90.3	87.1	83.8	80.3	76.7	72.8
150°	104.9	98.2	91.9	85.3	81.6	77.8	75.3	72.6	69.8	66.9	63.8
152.5°	89.0	82.9	77.2	71.3	68.4	65.3	63.2	61.2	59.0	56.6	54.2
155°	73.1	67.6	62.6	57.3	55.1	52.7	50.9	49.4	47.8	46.0	44.1
157.5°	57.7	52.7	48.0	43.3	41.8	40.2	39.0	38.4	37.8	37.0	36.3
160°	51.3	47.0	42.8	38.5	37.3	36.0	34.7	34.2	33.7	33.1	32.4
162.5°	45.0	41.3	37.5	33.7	32.7	31.7	30.7	30.1	29.6	29.1	28.6
165°	38.8	35.6	32.2	28.9	28.2	27.4	26.6	25.9	25.5	25.1	24.7
167.5°	32.5	29.7	26.9	24.1	23.6	23.0	22.5	21.9	21.3	21.0	20.7
170°	26.1	23.9	21.6	19.2	18.9	18.6	18.2	17.8	17.3	16.9	16.6
172.5°	19.7	18.0	16.2	14.4	14.3	14.0	13.8	13.6	13.3	13.0	12.7
175°	13.2	12.0	10.8	9.6	9.5	9.4	9.3	9.2	9.0	8.9	8.7
177.5°	6.6	6.0	5.4	4.8	4.8	4.8	4.7	4.7	4.6	4.5	4.5
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P231916

CATALOG NUMBER: FVS4WM-2-LD4-30-2HI-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	4.4	4.3	4.2	4.1	4.0	3.9	3.7	3.6	3.5	3.3	3.2
5°	8.5	8.3	8.1	7.8	7.6	7.4	7.2	6.9	6.7	6.4	6.1
7.5°	12.3	12.1	11.8	11.6	11.3	10.9	10.6	10.2	9.9	9.5	9.1
10°	16.3	16.0	15.7	15.3	14.9	14.4	14.0	13.5	13.0	12.4	11.9
12.5°	20.3	19.9	19.4	18.9	18.4	17.8	17.2	16.6	16.0	15.3	14.7
15°	24.2	23.6	23.0	22.4	21.8	21.1	20.4	19.7	18.9	18.2	17.3
17.5°	28.0	27.3	26.6	25.9	25.2	24.4	23.6	22.7	21.8	20.9	19.9
20°	31.7	31.0	30.2	29.4	28.5	27.6	26.6	25.6	24.6	23.5	22.5
22.5°	35.4	34.6	33.7	32.8	31.7	30.7	29.6	28.5	27.3	26.1	24.9
25°	42.2	40.2	38.1	36.1	34.9	33.7	32.5	31.3	30.0	28.7	27.4
27.5°	51.7	49.1	46.6	44.0	41.4	38.8	36.3	34.0	32.6	31.2	29.7
30°	60.6	57.6	54.5	51.2	47.9	44.8	41.9	39.1	36.5	34.1	31.7
32.5°	69.1	65.5	61.7	57.5	53.6	50.0	46.6	43.4	40.4	37.4	34.5
35°	77.2	73.0	67.9	63.0	58.5	54.3	50.5	46.9	43.4	40.2	37.3
37.5°	85.0	79.3	73.3	67.8	62.7	58.1	53.8	49.8	46.0	42.7	39.6
40°	92.2	85.0	78.3	71.9	66.4	61.3	56.6	52.3	48.3	44.8	41.6
42.5°	98.3	90.1	82.6	75.7	69.5	64.2	59.1	54.4	50.2	46.6	43.3
45°	104.0	94.9	86.3	79.1	72.5	66.7	61.2	56.2	52.0	48.3	44.8
47.5°	108.2	99.0	90.0	81.9	75.3	68.9	62.8	58.0	53.6	49.7	45.9
50°	110.3	101.5	93.1	85.2	78.1	70.8	64.7	59.6	55.1	50.9	46.8
52.5°	113.1	104.7	96.4	88.8	81.5	74.3	68.3	62.4	56.4	51.7	47.3
55°	116.4	108.3	100.1	92.6	85.2	78.8	73.1	67.3	60.8	54.3	48.0
57.5°	120.2	112.3	104.3	96.7	89.2	83.9	78.4	72.1	65.1	58.0	51.2
60°	124.5	116.5	108.6	101.0	94.4	89.4	84.1	76.8	69.1	61.5	54.3
62.5°	129.1	120.9	113.1	105.6	100.0	95.3	89.4	81.4	72.8	64.8	57.2
65°	133.7	125.6	117.8	110.4	106.0	101.5	94.5	85.6	76.5	68.0	59.7
67.5°	138.5	130.6	122.7	115.9	112.4	108.0	99.6	89.7	80.2	70.9	62.3
70°	140.3	133.5	126.7	121.7	118.9	114.1	104.6	93.8	83.9	73.7	64.8
72.5°	139.4	133.1	126.9	122.5	119.8	115.0	106.5	96.7	87.3	76.4	67.3
75°	138.7	133.0	127.2	123.2	119.9	114.2	105.9	96.5	86.7	76.9	68.7
77.5°	138.3	133.2	127.7	123.8	120.0	113.9	105.8	96.6	86.5	77.1	69.1
80°	138.1	133.6	128.5	124.3	120.1	113.9	106.2	97.0	86.7	77.7	69.9
82.5°	138.0	134.1	129.4	124.9	120.3	114.2	107.1	97.8	87.3	78.7	71.2
85°	138.1	134.9	130.4	125.5	120.5	114.7	108.3	98.9	88.3	80.0	72.8
87.5°	138.3	135.7	131.5	126.2	120.8	115.5	109.9	100.3	89.6	81.7	74.7
90°	138.5	136.6	132.8	127.0	121.2	116.4	111.6	102.0	91.4	83.7	77.0
92.5°	138.3	135.7	131.5	126.2	120.8	115.5	109.9	100.3	89.6	81.7	74.7
95°	138.1	134.9	130.4	125.5	120.5	114.7	108.3	98.9	88.3	80.0	72.8
97.5°	138.0	134.1	129.4	124.9	120.3	114.2	107.1	97.8	87.3	78.7	71.2
100°	138.1	133.6	128.5	124.3	120.1	113.9	106.2	97.0	86.7	77.7	69.9
102.5°	138.3	133.2	127.7	123.8	120.0	113.9	105.8	96.6	86.5	77.1	69.1
105°	138.7	133.0	127.2	123.2	119.9	114.2	105.9	96.5	86.7	76.9	68.7
107.5°	139.4	133.1	126.9	122.5	119.8	115.0	106.5	96.7	87.3	76.4	67.3
110°	140.3	133.5	126.7	121.7	118.9	114.1	104.6	93.8	83.9	73.7	64.8



TEST NUMBER: P231916

CATALOG NUMBER: FVS4WM-2-LD4-30-2HI-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
112.5°	138.5	130.6	122.7	115.9	112.4	108.0	99.6	89.7	80.2	70.9	62.3
115°	133.7	125.6	117.8	110.4	106.0	101.5	94.5	85.6	76.5	68.0	59.7
117.5°	129.1	120.9	113.1	105.6	100.0	95.3	89.4	81.4	72.8	64.8	57.2
120°	124.5	116.5	108.6	101.0	94.4	89.4	84.1	76.8	69.1	61.5	54.3
122.5°	120.2	112.3	104.3	96.7	89.2	83.9	78.4	72.1	65.1	58.0	51.2
125°	116.4	108.3	100.1	92.6	85.2	78.8	73.1	67.3	60.8	54.3	48.0
127.5°	113.1	104.7	96.4	88.8	81.5	74.3	68.3	62.4	56.4	51.7	47.3
130°	110.3	101.5	93.1	85.2	78.1	70.8	64.7	59.6	55.1	50.9	46.8
132.5°	108.2	99.0	90.0	81.9	75.3	68.9	62.8	58.0	53.6	49.7	45.9
135°	104.0	94.9	86.3	79.1	72.5	66.7	61.2	56.2	52.0	48.3	44.8
137.5°	98.3	90.1	82.6	75.7	69.5	64.2	59.1	54.4	50.2	46.6	43.3
140°	92.2	85.0	78.3	71.9	66.4	61.3	56.6	52.3	48.3	44.8	41.6
142.5°	85.0	79.3	73.3	67.8	62.7	58.1	53.8	49.8	46.0	42.7	39.6
145°	77.2	73.0	67.9	63.0	58.5	54.3	50.5	46.9	43.4	40.2	37.3
147.5°	69.1	65.5	61.7	57.5	53.6	50.0	46.6	43.4	40.4	37.4	34.5
150°	60.6	57.6	54.5	51.2	47.9	44.8	41.9	39.1	36.5	34.1	31.7
152.5°	51.7	49.1	46.6	44.0	41.4	38.8	36.3	34.0	32.6	31.2	29.7
155°	42.2	40.2	38.1	36.1	34.9	33.7	32.5	31.3	30.0	28.7	27.4
157.5°	35.4	34.6	33.7	32.8	31.7	30.7	29.6	28.5	27.3	26.1	24.9
160°	31.7	31.0	30.2	29.4	28.5	27.6	26.6	25.6	24.6	23.5	22.5
162.5°	28.0	27.3	26.6	25.9	25.2	24.4	23.6	22.7	21.8	20.9	19.9
165°	24.2	23.6	23.0	22.4	21.8	21.1	20.4	19.7	18.9	18.2	17.3
167.5°	20.3	19.9	19.4	18.9	18.4	17.8	17.2	16.6	16.0	15.3	14.7
170°	16.3	16.0	15.7	15.3	14.9	14.4	14.0	13.5	13.0	12.4	11.9
172.5°	12.3	12.1	11.8	11.6	11.3	10.9	10.6	10.2	9.9	9.5	9.1
175°	8.5	8.3	8.1	7.8	7.6	7.4	7.2	6.9	6.7	6.4	6.1
177.5°	4.4	4.3	4.2	4.1	4.0	3.9	3.7	3.6	3.5	3.3	3.2
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P231916

CATALOG NUMBER: FVS4WM-2-LD4-30-2HI-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	3.0	2.9	2.7	2.6	2.4	2.2	2.0	1.9	1.7	1.5	1.3
5°	5.9	5.6	5.3	5.0	4.6	4.3	4.0	3.6	3.3	2.9	2.6
7.5°	8.6	8.2	7.8	7.3	6.8	6.3	5.9	5.3	4.8	4.3	3.8
10°	11.3	10.8	10.2	9.6	8.9	8.3	7.7	7.0	6.3	5.6	5.0
12.5°	14.0	13.3	12.5	11.8	11.0	10.2	9.4	8.6	7.8	6.9	6.1
15°	16.5	15.6	14.8	13.9	12.9	12.0	11.1	10.1	9.1	8.1	7.1
17.5°	19.0	18.0	16.9	15.9	14.8	13.8	12.7	11.6	10.5	9.3	8.2
20°	21.3	20.2	19.1	17.9	16.7	15.5	14.3	13.0	11.7	10.5	9.2
22.5°	23.7	22.4	21.2	19.8	18.5	17.1	15.8	14.3	12.9	11.4	10.0
25°	26.0	24.6	23.1	21.6	20.0	18.4	16.8	15.3	13.8	12.3	10.7
27.5°	28.2	26.4	24.7	22.9	21.3	19.7	18.1	16.5	14.9	13.3	11.6
30°	29.8	27.9	26.2	24.5	22.8	21.2	19.5	17.7	16.0	14.2	12.5
32.5°	32.0	29.8	28.0	26.2	24.4	22.6	20.8	18.9	17.0	15.2	13.3
35°	34.6	32.2	30.0	27.9	26.0	24.0	22.0	20.1	18.1	16.1	14.1
37.5°	36.9	34.3	31.9	29.6	27.4	25.3	23.3	21.2	19.1	17.0	14.9
40°	38.7	36.0	33.5	31.0	28.8	26.7	24.6	22.3	20.1	17.9	15.7
42.5°	40.3	37.4	34.7	32.1	29.8	27.6	25.6	23.4	21.1	18.8	16.4
45°	41.5	38.4	35.5	32.9	30.4	28.2	26.2	24.4	21.8	19.1	16.5
47.5°	42.4	39.1	36.0	33.1	30.7	28.5	26.2	24.0	21.9	19.2	16.5
50°	43.0	39.4	36.0	33.3	30.7	28.1	25.6	23.4	21.3	19.5	17.0
52.5°	43.2	39.3	36.1	33.1	30.2	27.6	25.2	23.2	21.4	19.4	17.1
55°	43.1	39.4	35.9	32.7	29.9	27.3	25.3	23.2	20.9	18.7	16.6
57.5°	45.0	39.5	35.6	32.5	29.8	27.6	25.2	22.7	20.6	18.4	16.3
60°	47.7	41.9	36.7	32.5	30.2	27.5	24.8	22.8	20.7	18.5	16.2
62.5°	50.2	44.1	38.9	34.6	30.6	27.3	25.4	23.2	20.9	18.4	15.8
65°	52.5	46.3	40.9	36.2	31.7	28.7	26.0	23.5	20.9	18.1	15.2
67.5°	54.8	48.4	42.5	37.5	33.3	29.9	26.7	23.9	20.8	17.6	14.6
70°	57.1	50.1	44.0	38.7	34.5	30.6	27.1	23.7	20.3	17.2	13.9
72.5°	59.3	51.7	45.4	40.0	35.3	31.1	27.2	23.0	19.4	16.4	13.2
75°	60.9	53.2	47.0	41.0	36.0	31.5	26.6	22.2	18.4	15.0	11.5
77.5°	61.4	54.1	47.8	41.8	36.7	31.6	26.0	21.5	17.3	13.3	9.7
80°	62.2	55.0	48.4	42.3	36.8	31.2	25.6	20.7	16.1	11.7	7.8
82.5°	63.4	56.2	49.3	42.9	37.0	30.9	25.4	20.1	15.0	10.2	6.1
85°	65.0	57.7	50.5	43.7	37.5	31.1	25.5	19.8	14.1	8.9	4.9
87.5°	67.0	59.5	52.0	44.7	38.2	31.7	26.0	19.7	13.5	8.0	4.1
90°	69.3	61.6	53.9	46.2	39.4	32.7	26.9	20.2	13.5	7.7	3.8
92.5°	67.0	59.5	52.0	44.7	38.2	31.7	26.0	19.7	13.5	8.0	4.1
95°	65.0	57.7	50.5	43.7	37.5	31.1	25.5	19.8	14.1	8.9	4.9
97.5°	63.4	56.2	49.3	42.9	37.0	30.9	25.4	20.1	15.0	10.2	6.1
100°	62.2	55.0	48.4	42.3	36.8	31.2	25.6	20.7	16.1	11.7	7.8
102.5°	61.4	54.1	47.8	41.8	36.7	31.6	26.0	21.5	17.3	13.3	9.7
105°	60.9	53.2	47.0	41.0	36.0	31.5	26.6	22.2	18.4	15.0	11.5
107.5°	59.3	51.7	45.4	40.0	35.3	31.1	27.2	23.0	19.4	16.4	13.2
110°	57.1	50.1	44.0	38.7	34.5	30.6	27.1	23.7	20.3	17.2	13.9



TEST NUMBER: P231916

CATALOG NUMBER: FVS4WM-2-LD4-30-2HI-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
112.5°	54.8	48.4	42.5	37.5	33.3	29.9	26.7	23.9	20.8	17.6	14.6
115°	52.5	46.3	40.9	36.2	31.7	28.7	26.0	23.5	20.9	18.1	15.2
117.5°	50.2	44.1	38.9	34.6	30.6	27.3	25.4	23.2	20.9	18.4	15.8
120°	47.7	41.9	36.7	32.5	30.2	27.5	24.8	22.8	20.7	18.5	16.2
122.5°	45.0	39.5	35.6	32.5	29.8	27.6	25.2	22.7	20.6	18.4	16.3
125°	43.1	39.4	35.9	32.7	29.9	27.3	25.3	23.2	20.9	18.7	16.6
127.5°	43.2	39.3	36.1	33.1	30.2	27.6	25.2	23.2	21.4	19.4	17.1
130°	43.0	39.4	36.0	33.3	30.7	28.1	25.6	23.4	21.3	19.5	17.0
132.5°	42.4	39.1	36.0	33.1	30.7	28.5	26.2	24.0	21.9	19.2	16.5
135°	41.5	38.4	35.5	32.9	30.4	28.2	26.2	24.4	21.8	19.1	16.5
137.5°	40.3	37.4	34.7	32.1	29.8	27.6	25.6	23.4	21.1	18.8	16.4
140°	38.7	36.0	33.5	31.0	28.8	26.7	24.6	22.3	20.1	17.9	15.7
142.5°	36.9	34.3	31.9	29.6	27.4	25.3	23.3	21.2	19.1	17.0	14.9
145°	34.6	32.2	30.0	27.9	26.0	24.0	22.0	20.1	18.1	16.1	14.1
147.5°	32.0	29.8	28.0	26.2	24.4	22.6	20.8	18.9	17.0	15.2	13.3
150°	29.8	27.9	26.2	24.5	22.8	21.2	19.5	17.7	16.0	14.2	12.5
152.5°	28.2	26.4	24.7	22.9	21.3	19.7	18.1	16.5	14.9	13.3	11.6
155°	26.0	24.6	23.1	21.6	20.0	18.4	16.8	15.3	13.8	12.3	10.7
157.5°	23.7	22.4	21.2	19.8	18.5	17.1	15.8	14.3	12.9	11.4	10.0
160°	21.3	20.2	19.1	17.9	16.7	15.5	14.3	13.0	11.7	10.5	9.2
162.5°	19.0	18.0	16.9	15.9	14.8	13.8	12.7	11.6	10.5	9.3	8.2
165°	16.5	15.6	14.8	13.9	12.9	12.0	11.1	10.1	9.1	8.1	7.1
167.5°	14.0	13.3	12.5	11.8	11.0	10.2	9.4	8.6	7.8	6.9	6.1
170°	11.3	10.8	10.2	9.6	8.9	8.3	7.7	7.0	6.3	5.6	5.0
172.5°	8.6	8.2	7.8	7.3	6.8	6.3	5.9	5.3	4.8	4.3	3.8
175°	5.9	5.6	5.3	5.0	4.6	4.3	4.0	3.6	3.3	2.9	2.6
177.5°	3.0	2.9	2.7	2.6	2.4	2.2	2.0	1.9	1.7	1.5	1.3
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P231916

CATALOG NUMBER: FVS4WM-2-LD4-30-2HI-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	1.1	1.0	0.8	0.6	0.4	0.2	0.0	0.2	0.4	0.6	0.8
5°	2.2	1.9	1.5	1.1	0.7	0.4	0.0	0.4	0.7	1.1	1.5
7.5°	3.3	2.7	2.2	1.6	1.1	0.5	0.0	0.5	1.1	1.6	2.2
10°	4.3	3.6	2.9	2.1	1.4	0.7	0.0	0.7	1.4	2.1	2.9
12.5°	5.2	4.4	3.5	2.6	1.8	0.9	0.0	0.9	1.8	2.6	3.5
15°	6.1	5.1	4.1	3.1	2.1	1.0	0.0	1.0	2.1	3.1	4.1
17.5°	7.0	5.9	4.7	3.5	2.4	1.2	0.0	1.2	2.4	3.5	4.7
20°	7.9	6.6	5.3	4.0	2.6	1.3	0.0	1.3	2.6	4.0	5.3
22.5°	8.5	7.1	5.7	4.3	2.8	1.4	0.0	1.4	2.8	4.3	5.7
25°	9.2	7.7	6.2	4.6	3.1	1.5	0.0	1.5	3.1	4.6	6.2
27.5°	10.0	8.3	6.7	5.0	3.3	1.7	0.0	1.7	3.3	5.0	6.7
30°	10.7	8.9	7.2	5.4	3.6	1.8	0.0	1.8	3.6	5.4	7.2
32.5°	11.4	9.5	7.6	5.7	3.8	1.9	0.0	1.9	3.8	5.7	7.6
35°	12.1	10.1	8.1	6.1	4.0	2.0	0.0	2.0	4.0	6.1	8.1
37.5°	12.8	10.7	8.5	6.4	4.3	2.1	0.0	2.1	4.3	6.4	8.5
40°	13.4	11.2	9.0	6.7	4.5	2.2	0.0	2.2	4.5	6.7	9.0
42.5°	13.9	11.5	9.1	6.8	4.5	2.3	0.0	2.3	4.5	6.8	9.1
45°	14.0	11.5	9.1	6.8	4.5	2.2	0.0	2.2	4.5	6.8	9.1
47.5°	14.0	11.7	9.3	7.0	4.7	2.3	0.0	2.3	4.7	7.0	9.3
50°	14.5	11.9	9.4	7.0	4.6	2.3	0.0	2.3	4.6	7.0	9.4
52.5°	14.3	11.7	9.2	6.8	4.5	2.2	0.0	2.2	4.5	6.8	9.2
55°	14.0	11.6	9.2	6.9	4.6	2.3	0.0	2.3	4.6	6.9	9.2
57.5°	14.3	11.8	9.3	7.1	5.0	3.0	1.0	3.0	5.0	7.1	9.3
60°	13.8	11.3	9.0	6.8	4.8	2.9	1.0	2.9	4.8	6.8	9.0
62.5°	13.1	10.6	8.3	6.3	4.4	2.7	1.0	2.7	4.4	6.3	8.3
65°	12.4	9.8	7.3	5.2	3.5	2.2	1.0	2.2	3.5	5.2	7.3
67.5°	11.5	8.4	5.5	3.9	2.7	1.8	1.0	1.8	2.7	3.9	5.5
70°	10.5	7.3	4.5	2.7	1.8	1.3	1.0	1.3	1.8	2.7	4.5
72.5°	9.4	6.3	3.6	1.5	1.2	1.0	1.0	1.0	1.2	1.5	3.6
75°	8.7	5.6	3.1	1.4	1.0	1.0	1.0	1.0	1.0	1.4	3.1
77.5°	7.0	4.8	2.4	1.1	0.4	0.1	0.0	0.1	0.4	1.1	2.4
80°	4.9	2.6	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2
82.5°	2.9	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	2.9	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	4.9	2.6	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2
102.5°	7.0	4.8	2.4	1.1	0.4	0.1	0.0	0.1	0.4	1.1	2.4
105°	8.7	5.6	3.1	1.4	1.0	1.0	1.0	1.0	1.0	1.4	3.1
107.5°	9.4	6.3	3.6	1.5	1.2	1.0	1.0	1.0	1.2	1.5	3.6
110°	10.5	7.3	4.5	2.7	1.8	1.3	1.0	1.3	1.8	2.7	4.5



TEST NUMBER: P231916

CATALOG NUMBER: FVS4WM-2-LD4-30-2HI-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
112.5°	11.5	8.4	5.5	3.9	2.7	1.8	1.0	1.8	2.7	3.9	5.5
115°	12.4	9.8	7.3	5.2	3.5	2.2	1.0	2.2	3.5	5.2	7.3
117.5°	13.1	10.6	8.3	6.3	4.4	2.7	1.0	2.7	4.4	6.3	8.3
120°	13.8	11.3	9.0	6.8	4.8	2.9	1.0	2.9	4.8	6.8	9.0
122.5°	14.3	11.8	9.3	7.1	5.0	3.0	1.0	3.0	5.0	7.1	9.3
125°	14.0	11.6	9.2	6.9	4.6	2.3	0.0	2.3	4.6	6.9	9.2
127.5°	14.3	11.7	9.2	6.8	4.5	2.2	0.0	2.2	4.5	6.8	9.2
130°	14.5	11.9	9.4	7.0	4.6	2.3	0.0	2.3	4.6	7.0	9.4
132.5°	14.0	11.7	9.3	7.0	4.7	2.3	0.0	2.3	4.7	7.0	9.3
135°	14.0	11.5	9.1	6.8	4.5	2.2	0.0	2.2	4.5	6.8	9.1
137.5°	13.9	11.5	9.1	6.8	4.5	2.3	0.0	2.3	4.5	6.8	9.1
140°	13.4	11.2	9.0	6.7	4.5	2.2	0.0	2.2	4.5	6.7	9.0
142.5°	12.8	10.7	8.5	6.4	4.3	2.1	0.0	2.1	4.3	6.4	8.5
145°	12.1	10.1	8.1	6.1	4.0	2.0	0.0	2.0	4.0	6.1	8.1
147.5°	11.4	9.5	7.6	5.7	3.8	1.9	0.0	1.9	3.8	5.7	7.6
150°	10.7	8.9	7.2	5.4	3.6	1.8	0.0	1.8	3.6	5.4	7.2
152.5°	10.0	8.3	6.7	5.0	3.3	1.7	0.0	1.7	3.3	5.0	6.7
155°	9.2	7.7	6.2	4.6	3.1	1.5	0.0	1.5	3.1	4.6	6.2
157.5°	8.5	7.1	5.7	4.3	2.8	1.4	0.0	1.4	2.8	4.3	5.7
160°	7.9	6.6	5.3	4.0	2.6	1.3	0.0	1.3	2.6	4.0	5.3
162.5°	7.0	5.9	4.7	3.5	2.4	1.2	0.0	1.2	2.4	3.5	4.7
165°	6.1	5.1	4.1	3.1	2.1	1.0	0.0	1.0	2.1	3.1	4.1
167.5°	5.2	4.4	3.5	2.6	1.8	0.9	0.0	0.9	1.8	2.6	3.5
170°	4.3	3.6	2.9	2.1	1.4	0.7	0.0	0.7	1.4	2.1	2.9
172.5°	3.3	2.7	2.2	1.6	1.1	0.5	0.0	0.5	1.1	1.6	2.2
175°	2.2	1.9	1.5	1.1	0.7	0.4	0.0	0.4	0.7	1.1	1.5
177.5°	1.1	1.0	0.8	0.6	0.4	0.2	0.0	0.2	0.4	0.6	0.8
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P231916

CATALOG NUMBER: FVS4WM-2-LD4-30-2HI-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	1.0	1.1	1.3	1.5	1.7	1.9	2.0	2.2	2.4	2.6	2.7
5°	1.9	2.2	2.6	2.9	3.3	3.6	4.0	4.3	4.6	5.0	5.3
7.5°	2.7	3.3	3.8	4.3	4.8	5.3	5.9	6.3	6.8	7.3	7.8
10°	3.6	4.3	5.0	5.6	6.3	7.0	7.7	8.3	8.9	9.6	10.2
12.5°	4.4	5.2	6.1	6.9	7.8	8.6	9.4	10.2	11.0	11.8	12.5
15°	5.1	6.1	7.1	8.1	9.1	10.1	11.1	12.0	12.9	13.9	14.8
17.5°	5.9	7.0	8.2	9.3	10.5	11.6	12.7	13.8	14.8	15.9	16.9
20°	6.6	7.9	9.2	10.5	11.7	13.0	14.3	15.5	16.7	17.9	19.1
22.5°	7.1	8.5	10.0	11.4	12.9	14.3	15.8	17.1	18.5	19.8	21.2
25°	7.7	9.2	10.7	12.3	13.8	15.3	16.8	18.4	20.0	21.6	23.1
27.5°	8.3	10.0	11.6	13.3	14.9	16.5	18.1	19.7	21.3	22.9	24.7
30°	8.9	10.7	12.5	14.2	16.0	17.7	19.5	21.2	22.8	24.5	26.2
32.5°	9.5	11.4	13.3	15.2	17.0	18.9	20.8	22.6	24.4	26.2	28.0
35°	10.1	12.1	14.1	16.1	18.1	20.1	22.0	24.0	26.0	27.9	30.0
37.5°	10.7	12.8	14.9	17.0	19.1	21.2	23.3	25.3	27.4	29.6	31.9
40°	11.2	13.4	15.7	17.9	20.1	22.3	24.6	26.7	28.8	31.0	33.5
42.5°	11.5	13.9	16.4	18.8	21.1	23.4	25.6	27.6	29.8	32.1	34.7
45°	11.5	14.0	16.5	19.1	21.8	24.4	26.2	28.2	30.4	32.9	35.5
47.5°	11.7	14.0	16.5	19.2	21.9	24.0	26.2	28.5	30.7	33.1	36.0
50°	11.9	14.5	17.0	19.5	21.3	23.4	25.6	28.1	30.7	33.3	36.0
52.5°	11.7	14.3	17.1	19.4	21.4	23.2	25.2	27.6	30.2	33.1	36.1
55°	11.6	14.0	16.6	18.7	20.9	23.2	25.3	27.3	29.9	32.7	35.9
57.5°	11.8	14.3	16.3	18.4	20.6	22.7	25.2	27.6	29.8	32.5	35.6
60°	11.3	13.8	16.2	18.5	20.7	22.8	24.8	27.5	30.2	32.5	36.7
62.5°	10.6	13.1	15.8	18.4	20.9	23.2	25.4	27.3	30.6	34.6	38.9
65°	9.8	12.4	15.2	18.1	20.9	23.5	26.0	28.7	31.7	36.2	40.9
67.5°	8.4	11.5	14.6	17.6	20.8	23.9	26.7	29.9	33.3	37.5	42.5
70°	7.3	10.5	13.9	17.2	20.3	23.7	27.1	30.6	34.5	38.7	44.0
72.5°	6.3	9.4	13.2	16.4	19.4	23.0	27.2	31.1	35.3	40.0	45.4
75°	5.6	8.7	11.5	15.0	18.4	22.2	26.6	31.5	36.0	41.0	47.0
77.5°	4.8	7.0	9.7	13.3	17.3	21.5	26.0	31.6	36.7	41.8	47.8
80°	2.6	4.9	7.8	11.7	16.1	20.7	25.6	31.2	36.8	42.3	48.4
82.5°	0.6	2.9	6.1	10.2	15.0	20.1	25.4	30.9	37.0	42.9	49.3
85°	0.0	1.2	4.9	8.9	14.1	19.8	25.5	31.1	37.5	43.7	50.5
87.5°	0.0	0.3	4.1	8.0	13.5	19.7	26.0	31.7	38.2	44.7	52.0
90°	0.0	0.0	3.8	7.7	13.5	20.2	26.9	32.7	39.4	46.2	53.9
92.5°	0.0	0.3	4.1	8.0	13.5	19.7	26.0	31.7	38.2	44.7	52.0
95°	0.0	1.2	4.9	8.9	14.1	19.8	25.5	31.1	37.5	43.7	50.5
97.5°	0.6	2.9	6.1	10.2	15.0	20.1	25.4	30.9	37.0	42.9	49.3
100°	2.6	4.9	7.8	11.7	16.1	20.7	25.6	31.2	36.8	42.3	48.4
102.5°	4.8	7.0	9.7	13.3	17.3	21.5	26.0	31.6	36.7	41.8	47.8
105°	5.6	8.7	11.5	15.0	18.4	22.2	26.6	31.5	36.0	41.0	47.0
107.5°	6.3	9.4	13.2	16.4	19.4	23.0	27.2	31.1	35.3	40.0	45.4
110°	7.3	10.5	13.9	17.2	20.3	23.7	27.1	30.6	34.5	38.7	44.0



TEST NUMBER: P231916

CATALOG NUMBER: FVS4WM-2-LD4-30-2HI-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
112.5°	8.4	11.5	14.6	17.6	20.8	23.9	26.7	29.9	33.3	37.5	42.5
115°	9.8	12.4	15.2	18.1	20.9	23.5	26.0	28.7	31.7	36.2	40.9
117.5°	10.6	13.1	15.8	18.4	20.9	23.2	25.4	27.3	30.6	34.6	38.9
120°	11.3	13.8	16.2	18.5	20.7	22.8	24.8	27.5	30.2	32.5	36.7
122.5°	11.8	14.3	16.3	18.4	20.6	22.7	25.2	27.6	29.8	32.5	35.6
125°	11.6	14.0	16.6	18.7	20.9	23.2	25.3	27.3	29.9	32.7	35.9
127.5°	11.7	14.3	17.1	19.4	21.4	23.2	25.2	27.6	30.2	33.1	36.1
130°	11.9	14.5	17.0	19.5	21.3	23.4	25.6	28.1	30.7	33.3	36.0
132.5°	11.7	14.0	16.5	19.2	21.9	24.0	26.2	28.5	30.7	33.1	36.0
135°	11.5	14.0	16.5	19.1	21.8	24.4	26.2	28.2	30.4	32.9	35.5
137.5°	11.5	13.9	16.4	18.8	21.1	23.4	25.6	27.6	29.8	32.1	34.7
140°	11.2	13.4	15.7	17.9	20.1	22.3	24.6	26.7	28.8	31.0	33.5
142.5°	10.7	12.8	14.9	17.0	19.1	21.2	23.3	25.3	27.4	29.6	31.9
145°	10.1	12.1	14.1	16.1	18.1	20.1	22.0	24.0	26.0	27.9	30.0
147.5°	9.5	11.4	13.3	15.2	17.0	18.9	20.8	22.6	24.4	26.2	28.0
150°	8.9	10.7	12.5	14.2	16.0	17.7	19.5	21.2	22.8	24.5	26.2
152.5°	8.3	10.0	11.6	13.3	14.9	16.5	18.1	19.7	21.3	22.9	24.7
155°	7.7	9.2	10.7	12.3	13.8	15.3	16.8	18.4	20.0	21.6	23.1
157.5°	7.1	8.5	10.0	11.4	12.9	14.3	15.8	17.1	18.5	19.8	21.2
160°	6.6	7.9	9.2	10.5	11.7	13.0	14.3	15.5	16.7	17.9	19.1
162.5°	5.9	7.0	8.2	9.3	10.5	11.6	12.7	13.8	14.8	15.9	16.9
165°	5.1	6.1	7.1	8.1	9.1	10.1	11.1	12.0	12.9	13.9	14.8
167.5°	4.4	5.2	6.1	6.9	7.8	8.6	9.4	10.2	11.0	11.8	12.5
170°	3.6	4.3	5.0	5.6	6.3	7.0	7.7	8.3	8.9	9.6	10.2
172.5°	2.7	3.3	3.8	4.3	4.8	5.3	5.9	6.3	6.8	7.3	7.8
175°	1.9	2.2	2.6	2.9	3.3	3.6	4.0	4.3	4.6	5.0	5.3
177.5°	1.0	1.1	1.3	1.5	1.7	1.9	2.0	2.2	2.4	2.6	2.7
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P231916

CATALOG NUMBER: FVS4WM-2-LD4-30-2HI-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	2.9	3.0	3.2	3.3	3.5	3.6	3.7	3.9	4.0	4.1	4.2
5°	5.6	5.9	6.1	6.4	6.7	6.9	7.2	7.4	7.6	7.8	8.1
7.5°	8.2	8.6	9.1	9.5	9.9	10.2	10.6	10.9	11.3	11.6	11.8
10°	10.8	11.3	11.9	12.4	13.0	13.5	14.0	14.4	14.9	15.3	15.7
12.5°	13.3	14.0	14.7	15.3	16.0	16.6	17.2	17.8	18.4	18.9	19.4
15°	15.6	16.5	17.3	18.2	18.9	19.7	20.4	21.1	21.8	22.4	23.0
17.5°	18.0	19.0	19.9	20.9	21.8	22.7	23.6	24.4	25.2	25.9	26.6
20°	20.2	21.3	22.5	23.5	24.6	25.6	26.6	27.6	28.5	29.4	30.2
22.5°	22.4	23.7	24.9	26.1	27.3	28.5	29.6	30.7	31.7	32.8	33.7
25°	24.6	26.0	27.4	28.7	30.0	31.3	32.5	33.7	34.9	36.1	38.1
27.5°	26.4	28.2	29.7	31.2	32.6	34.0	36.3	38.8	41.4	44.0	46.6
30°	27.9	29.8	31.7	34.1	36.5	39.1	41.9	44.8	47.9	51.2	54.5
32.5°	29.8	32.0	34.5	37.4	40.4	43.4	46.6	50.0	53.6	57.5	61.7
35°	32.2	34.6	37.3	40.2	43.4	46.9	50.5	54.3	58.5	63.0	67.9
37.5°	34.3	36.9	39.6	42.7	46.0	49.8	53.8	58.1	62.7	67.8	73.3
40°	36.0	38.7	41.6	44.8	48.3	52.3	56.6	61.3	66.4	71.9	78.3
42.5°	37.4	40.3	43.3	46.6	50.2	54.4	59.1	64.2	69.5	75.7	82.6
45°	38.4	41.5	44.8	48.3	52.0	56.2	61.2	66.7	72.5	79.1	86.3
47.5°	39.1	42.4	45.9	49.7	53.6	58.0	62.8	68.9	75.3	81.9	90.0
50°	39.4	43.0	46.8	50.9	55.1	59.6	64.7	70.8	78.1	85.2	93.1
52.5°	39.3	43.2	47.3	51.7	56.4	62.4	68.3	74.3	81.5	88.8	96.4
55°	39.4	43.1	48.0	54.3	60.8	67.3	73.1	78.8	85.2	92.6	100.1
57.5°	39.5	45.0	51.2	58.0	65.1	72.1	78.4	83.9	89.2	96.7	104.3
60°	41.9	47.7	54.3	61.5	69.1	76.8	84.1	89.4	94.4	101.0	108.6
62.5°	44.1	50.2	57.2	64.8	72.8	81.4	89.4	95.3	100.0	105.6	113.1
65°	46.3	52.5	59.7	68.0	76.5	85.6	94.5	101.5	106.0	110.4	117.8
67.5°	48.4	54.8	62.3	70.9	80.2	89.7	99.6	108.0	112.4	115.9	122.7
70°	50.1	57.1	64.8	73.7	83.9	93.8	104.6	114.1	118.9	121.7	126.7
72.5°	51.7	59.3	67.3	76.4	87.3	96.7	106.5	115.0	119.8	122.5	126.9
75°	53.2	60.9	68.7	76.9	86.7	96.5	105.9	114.2	119.9	123.2	127.2
77.5°	54.1	61.4	69.1	77.1	86.5	96.6	105.8	113.9	120.0	123.8	127.7
80°	55.0	62.2	69.9	77.7	86.7	97.0	106.2	113.9	120.1	124.3	128.5
82.5°	56.2	63.4	71.2	78.7	87.3	97.8	107.1	114.2	120.3	124.9	129.4
85°	57.7	65.0	72.8	80.0	88.3	98.9	108.3	114.7	120.5	125.5	130.4
87.5°	59.5	67.0	74.7	81.7	89.6	100.3	109.9	115.5	120.8	126.2	131.5
90°	61.6	69.3	77.0	83.7	91.4	102.0	111.6	116.4	121.2	127.0	132.8
92.5°	59.5	67.0	74.7	81.7	89.6	100.3	109.9	115.5	120.8	126.2	131.5
95°	57.7	65.0	72.8	80.0	88.3	98.9	108.3	114.7	120.5	125.5	130.4
97.5°	56.2	63.4	71.2	78.7	87.3	97.8	107.1	114.2	120.3	124.9	129.4
100°	55.0	62.2	69.9	77.7	86.7	97.0	106.2	113.9	120.1	124.3	128.5
102.5°	54.1	61.4	69.1	77.1	86.5	96.6	105.8	113.9	120.0	123.8	127.7
105°	53.2	60.9	68.7	76.9	86.7	96.5	105.9	114.2	119.9	123.2	127.2
107.5°	51.7	59.3	67.3	76.4	87.3	96.7	106.5	115.0	119.8	122.5	126.9
110°	50.1	57.1	64.8	73.7	83.9	93.8	104.6	114.1	118.9	121.7	126.7



TEST NUMBER: P231916

CATALOG NUMBER: FVS4WM-2-LD4-30-2HI-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
112.5°	48.4	54.8	62.3	70.9	80.2	89.7	99.6	108.0	112.4	115.9	122.7
115°	46.3	52.5	59.7	68.0	76.5	85.6	94.5	101.5	106.0	110.4	117.8
117.5°	44.1	50.2	57.2	64.8	72.8	81.4	89.4	95.3	100.0	105.6	113.1
120°	41.9	47.7	54.3	61.5	69.1	76.8	84.1	89.4	94.4	101.0	108.6
122.5°	39.5	45.0	51.2	58.0	65.1	72.1	78.4	83.9	89.2	96.7	104.3
125°	39.4	43.1	48.0	54.3	60.8	67.3	73.1	78.8	85.2	92.6	100.1
127.5°	39.3	43.2	47.3	51.7	56.4	62.4	68.3	74.3	81.5	88.8	96.4
130°	39.4	43.0	46.8	50.9	55.1	59.6	64.7	70.8	78.1	85.2	93.1
132.5°	39.1	42.4	45.9	49.7	53.6	58.0	62.8	68.9	75.3	81.9	90.0
135°	38.4	41.5	44.8	48.3	52.0	56.2	61.2	66.7	72.5	79.1	86.3
137.5°	37.4	40.3	43.3	46.6	50.2	54.4	59.1	64.2	69.5	75.7	82.6
140°	36.0	38.7	41.6	44.8	48.3	52.3	56.6	61.3	66.4	71.9	78.3
142.5°	34.3	36.9	39.6	42.7	46.0	49.8	53.8	58.1	62.7	67.8	73.3
145°	32.2	34.6	37.3	40.2	43.4	46.9	50.5	54.3	58.5	63.0	67.9
147.5°	29.8	32.0	34.5	37.4	40.4	43.4	46.6	50.0	53.6	57.5	61.7
150°	27.9	29.8	31.7	34.1	36.5	39.1	41.9	44.8	47.9	51.2	54.5
152.5°	26.4	28.2	29.7	31.2	32.6	34.0	36.3	38.8	41.4	44.0	46.6
155°	24.6	26.0	27.4	28.7	30.0	31.3	32.5	33.7	34.9	36.1	38.1
157.5°	22.4	23.7	24.9	26.1	27.3	28.5	29.6	30.7	31.7	32.8	33.7
160°	20.2	21.3	22.5	23.5	24.6	25.6	26.6	27.6	28.5	29.4	30.2
162.5°	18.0	19.0	19.9	20.9	21.8	22.7	23.6	24.4	25.2	25.9	26.6
165°	15.6	16.5	17.3	18.2	18.9	19.7	20.4	21.1	21.8	22.4	23.0
167.5°	13.3	14.0	14.7	15.3	16.0	16.6	17.2	17.8	18.4	18.9	19.4
170°	10.8	11.3	11.9	12.4	13.0	13.5	14.0	14.4	14.9	15.3	15.7
172.5°	8.2	8.6	9.1	9.5	9.9	10.2	10.6	10.9	11.3	11.6	11.8
175°	5.6	5.9	6.1	6.4	6.7	6.9	7.2	7.4	7.6	7.8	8.1
177.5°	2.9	3.0	3.2	3.3	3.5	3.6	3.7	3.9	4.0	4.1	4.2
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P231916

CATALOG NUMBER: FVS4WM-2-LD4-30-2HI-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	4.3	4.4	4.5	4.5	4.6	4.7	4.7	4.8	4.8	4.8	5.4
5°	8.3	8.5	8.7	8.9	9.0	9.2	9.3	9.4	9.5	9.6	10.8
7.5°	12.1	12.3	12.7	13.0	13.3	13.6	13.8	14.0	14.3	14.4	16.2
10°	16.0	16.3	16.6	16.9	17.3	17.8	18.2	18.6	18.9	19.2	21.6
12.5°	19.9	20.3	20.7	21.0	21.3	21.9	22.5	23.0	23.6	24.1	26.9
15°	23.6	24.2	24.7	25.1	25.5	25.9	26.6	27.4	28.2	28.9	32.2
17.5°	27.3	28.0	28.6	29.1	29.6	30.1	30.7	31.7	32.7	33.7	37.5
20°	31.0	31.7	32.4	33.1	33.7	34.2	34.7	36.0	37.3	38.5	42.8
22.5°	34.6	35.4	36.3	37.0	37.8	38.4	39.0	40.2	41.8	43.3	48.0
25°	40.2	42.2	44.1	46.0	47.8	49.4	50.9	52.7	55.1	57.3	62.6
27.5°	49.1	51.7	54.2	56.6	59.0	61.2	63.2	65.3	68.4	71.3	77.2
30°	57.6	60.6	63.8	66.9	69.8	72.6	75.3	77.8	81.6	85.3	91.9
32.5°	65.5	69.1	72.8	76.7	80.3	83.8	87.1	90.3	94.8	99.3	106.6
35°	73.0	77.2	81.4	86.0	90.5	94.8	98.8	102.8	107.9	113.3	121.2
37.5°	79.3	85.0	89.8	95.0	100.7	105.5	110.3	115.1	120.9	127.3	135.9
40°	85.0	92.2	97.9	103.6	110.0	116.0	121.7	127.3	133.9	141.3	150.6
42.5°	90.1	98.3	105.7	112.1	119.2	126.3	133.1	139.4	146.8	155.3	165.3
45°	94.9	104.0	113.2	120.3	128.2	136.4	143.9	151.3	159.7	169.3	180.0
47.5°	99.0	108.2	117.7	124.9	132.3	140.6	148.9	157.4	167.2	178.8	191.3
50°	101.5	110.3	119.5	127.3	134.5	143.4	153.0	163.1	174.5	188.3	202.6
52.5°	104.7	113.1	121.8	129.8	136.8	146.2	156.9	168.6	181.8	197.9	214.0
55°	108.3	116.4	124.5	132.6	139.3	149.0	160.7	173.9	188.9	207.4	225.5
57.5°	112.3	120.2	127.6	135.4	142.2	151.8	164.3	179.1	196.0	216.9	237.0
60°	116.5	124.5	131.5	138.4	145.2	154.6	167.8	184.2	203.0	226.4	248.5
62.5°	120.9	129.1	135.3	141.7	148.3	157.5	171.3	189.2	210.0	236.0	260.1
65°	125.6	133.7	139.7	145.3	151.5	160.4	174.6	194.2	216.9	245.5	271.7
67.5°	130.6	138.5	144.4	149.2	154.8	163.4	178.0	199.1	223.8	255.0	283.3
70°	133.5	140.3	145.5	149.3	154.5	162.7	176.8	197.8	222.4	254.5	284.5
72.5°	133.1	139.4	144.3	147.9	153.2	161.6	175.4	196.4	221.0	253.9	285.7
75°	133.0	138.7	143.3	146.6	152.0	160.6	174.1	195.1	219.6	253.4	288.0
77.5°	133.2	138.3	142.3	145.3	150.7	159.7	173.0	193.9	218.3	252.8	288.7
80°	133.6	138.1	141.5	144.0	149.5	158.9	172.0	192.8	217.0	252.3	289.5
82.5°	134.1	138.0	140.7	142.8	148.4	158.2	171.1	191.9	215.8	251.7	290.2
85°	134.9	138.1	139.9	141.6	147.3	157.7	170.4	191.0	214.7	251.2	291.0
87.5°	135.7	138.3	139.2	140.5	146.2	157.2	169.8	190.2	213.6	250.6	291.7
90°	136.6	138.5	138.5	139.5	145.3	156.8	169.3	189.5	212.6	250.1	292.5
92.5°	135.7	138.3	139.2	140.5	146.2	157.2	169.8	190.2	213.6	250.6	291.7
95°	134.9	138.1	139.9	141.6	147.3	157.7	170.4	191.0	214.7	251.2	291.0
97.5°	134.1	138.0	140.7	142.8	148.4	158.2	171.1	191.9	215.8	251.7	290.2
100°	133.6	138.1	141.5	144.0	149.5	158.9	172.0	192.8	217.0	252.3	289.5
102.5°	133.2	138.3	142.3	145.3	150.7	159.7	173.0	193.9	218.3	252.8	288.7
105°	133.0	138.7	143.3	146.6	152.0	160.6	174.1	195.1	219.6	253.4	288.0
107.5°	133.1	139.4	144.3	147.9	153.2	161.6	175.4	196.4	221.0	253.9	285.7
110°	133.5	140.3	145.5	149.3	154.5	162.7	176.8	197.8	222.4	254.5	284.5



TEST NUMBER: P231916

CATALOG NUMBER: FVS4WM-2-LD4-30-2HI-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
112.5°	130.6	138.5	144.4	149.2	154.8	163.4	178.0	199.1	223.8	255.0	283.3
115°	125.6	133.7	139.7	145.3	151.5	160.4	174.6	194.2	216.9	245.5	271.7
117.5°	120.9	129.1	135.3	141.7	148.3	157.5	171.3	189.2	210.0	236.0	260.1
120°	116.5	124.5	131.5	138.4	145.2	154.6	167.8	184.2	203.0	226.4	248.5
122.5°	112.3	120.2	127.6	135.4	142.2	151.8	164.3	179.1	196.0	216.9	237.0
125°	108.3	116.4	124.5	132.6	139.3	149.0	160.7	173.9	188.9	207.4	225.5
127.5°	104.7	113.1	121.8	129.8	136.8	146.2	156.9	168.6	181.8	197.9	214.0
130°	101.5	110.3	119.5	127.3	134.5	143.4	153.0	163.1	174.5	188.3	202.6
132.5°	99.0	108.2	117.7	124.9	132.3	140.6	148.9	157.4	167.2	178.8	191.3
135°	94.9	104.0	113.2	120.3	128.2	136.4	143.9	151.3	159.7	169.3	180.0
137.5°	90.1	98.3	105.7	112.1	119.2	126.3	133.1	139.4	146.8	155.3	165.3
140°	85.0	92.2	97.9	103.6	110.0	116.0	121.7	127.3	133.9	141.3	150.6
142.5°	79.3	85.0	89.8	95.0	100.7	105.5	110.3	115.1	120.9	127.3	135.9
145°	73.0	77.2	81.4	86.0	90.5	94.8	98.8	102.8	107.9	113.3	121.2
147.5°	65.5	69.1	72.8	76.7	80.3	83.8	87.1	90.3	94.8	99.3	106.6
150°	57.6	60.6	63.8	66.9	69.8	72.6	75.3	77.8	81.6	85.3	91.9
152.5°	49.1	51.7	54.2	56.6	59.0	61.2	63.2	65.3	68.4	71.3	77.2
155°	40.2	42.2	44.1	46.0	47.8	49.4	50.9	52.7	55.1	57.3	62.6
157.5°	34.6	35.4	36.3	37.0	37.8	38.4	39.0	40.2	41.8	43.3	48.0
160°	31.0	31.7	32.4	33.1	33.7	34.2	34.7	36.0	37.3	38.5	42.8
162.5°	27.3	28.0	28.6	29.1	29.6	30.1	30.7	31.7	32.7	33.7	37.5
165°	23.6	24.2	24.7	25.1	25.5	25.9	26.6	27.4	28.2	28.9	32.2
167.5°	19.9	20.3	20.7	21.0	21.3	21.9	22.5	23.0	23.6	24.1	26.9
170°	16.0	16.3	16.6	16.9	17.3	17.8	18.2	18.6	18.9	19.2	21.6
172.5°	12.1	12.3	12.7	13.0	13.3	13.6	13.8	14.0	14.3	14.4	16.2
175°	8.3	8.5	8.7	8.9	9.0	9.2	9.3	9.4	9.5	9.6	10.8
177.5°	4.3	4.4	4.5	4.5	4.6	4.7	4.7	4.8	4.8	4.8	5.4
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P231916

CATALOG NUMBER: FVS4WM-2-LD4-30-2HI-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	6.0	6.6	7.2	7.8	8.3	8.9	9.4	9.9	10.4	10.8	11.3
5°	12.0	13.2	14.3	15.4	16.5	17.6	18.6	19.6	20.6	21.5	22.4
7.5°	18.0	19.7	21.4	23.0	24.6	26.2	27.8	30.0	32.1	34.1	36.1
10°	23.9	26.1	28.3	30.5	32.8	35.7	38.5	41.3	44.0	46.6	49.3
12.5°	29.7	32.5	35.2	38.2	41.8	45.3	48.7	52.1	55.1	57.6	60.0
15°	35.6	38.8	42.1	46.3	50.5	54.5	58.4	61.8	65.1	68.2	71.6
17.5°	41.3	45.0	49.4	54.2	58.8	63.3	67.5	71.6	75.5	79.4	83.3
20°	47.0	51.3	56.5	61.7	66.8	71.9	76.8	81.6	86.6	91.3	95.9
22.5°	52.7	57.7	63.3	68.9	74.8	80.7	86.4	92.3	98.0	103.4	108.2
25°	67.6	73.1	78.6	84.0	89.7	95.2	100.7	106.0	110.9	115.4	120.9
27.5°	82.9	89.0	95.0	101.1	107.1	113.1	119.1	124.7	129.8	134.5	138.9
30°	98.2	104.9	111.4	117.9	124.6	130.8	137.2	143.0	148.4	153.3	158.0
32.5°	113.6	120.7	127.6	134.4	141.3	148.3	154.8	160.9	166.5	171.7	175.1
35°	128.9	136.4	143.7	150.7	158.1	165.9	172.2	178.6	184.2	188.6	190.3
37.5°	144.2	152.0	159.5	166.8	174.7	182.2	189.3	195.6	202.0	203.4	204.7
40°	159.4	167.6	175.2	182.9	191.1	198.8	206.1	212.3	216.2	217.7	217.4
42.5°	174.6	183.0	190.7	198.8	207.2	215.2	222.3	228.7	230.1	230.7	229.9
45°	189.7	198.3	206.1	214.5	223.1	231.3	238.2	242.5	243.7	243.1	242.4
47.5°	202.7	213.4	223.7	234.3	244.1	252.4	257.9	257.6	256.2	255.6	254.7
50°	215.9	229.1	242.6	256.5	269.6	280.6	288.4	289.8	289.0	284.8	277.3
52.5°	229.3	245.3	262.3	279.5	296.4	310.1	319.6	324.4	328.0	325.9	319.7
55°	242.9	262.0	282.6	303.5	324.2	340.7	352.5	361.8	369.4	369.1	361.1
57.5°	256.6	279.1	303.6	328.4	352.8	372.4	387.0	401.9	411.8	411.9	401.5
60°	270.4	296.5	325.0	353.9	381.8	404.8	422.9	444.3	455.8	452.8	440.0
62.5°	284.3	314.3	346.8	380.0	411.4	437.8	460.7	488.8	501.2	493.0	475.9
65°	298.2	332.3	368.9	406.6	441.6	471.6	500.8	533.0	547.6	532.5	509.6
67.5°	312.2	350.5	391.3	433.6	472.2	506.1	542.3	577.0	588.3	570.1	541.3
70°	315.6	354.8	396.3	441.1	482.8	521.8	566.7	607.4	620.8	603.6	575.9
72.5°	318.5	357.8	398.3	443.4	485.2	525.6	573.4	614.6	628.8	617.5	600.4
75°	321.4	360.4	399.8	445.3	487.2	529.0	579.3	622.3	639.3	635.1	623.7
77.5°	324.2	362.7	400.8	446.7	488.6	532.0	584.5	630.3	651.8	655.8	647.2
80°	328.1	364.8	401.4	447.6	489.6	534.6	589.0	638.3	665.9	678.9	670.9
82.5°	330.3	367.5	402.8	448.0	490.1	536.8	592.6	646.1	680.9	703.8	694.7
85°	332.4	368.5	401.9	448.8	491.1	539.7	597.3	655.6	696.4	729.6	718.8
87.5°	334.6	369.4	401.1	447.6	489.9	539.7	597.8	660.7	712.2	756.1	743.0
90°	336.7	370.4	400.2	446.4	488.7	539.7	598.4	665.8	726.4	781.2	767.8
92.5°	334.6	369.4	401.1	447.6	489.9	539.7	597.8	660.7	712.2	756.1	743.0
95°	332.4	368.5	401.9	448.8	491.1	539.7	597.3	655.6	696.4	729.6	718.8
97.5°	330.3	367.5	402.8	448.0	490.1	536.8	592.6	646.1	680.9	703.8	694.7
100°	328.1	364.8	401.4	447.6	489.6	534.6	589.0	638.3	665.9	678.9	670.9
102.5°	324.2	362.7	400.8	446.7	488.6	532.0	584.5	630.3	651.8	655.8	647.2
105°	321.4	360.4	399.8	445.3	487.2	529.0	579.3	622.3	639.3	635.1	623.7
107.5°	318.5	357.8	398.3	443.4	485.2	525.6	573.4	614.6	628.8	617.5	600.4
110°	315.6	354.8	396.3	441.1	482.8	521.8	566.7	607.4	620.8	603.6	575.9



TEST NUMBER: P231916

CATALOG NUMBER: FVS4WM-2-LD4-30-2HI-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
112.5°	312.2	350.5	391.3	433.6	472.2	506.1	542.3	577.0	588.3	570.1	541.3
115°	298.2	332.3	368.9	406.6	441.6	471.6	500.8	533.0	547.6	532.5	509.6
117.5°	284.3	314.3	346.8	380.0	411.4	437.8	460.7	488.8	501.2	493.0	475.9
120°	270.4	296.5	325.0	353.9	381.8	404.8	422.9	444.3	455.8	452.8	440.0
122.5°	256.6	279.1	303.6	328.4	352.8	372.4	387.0	401.9	411.8	411.9	401.5
125°	242.9	262.0	282.6	303.5	324.2	340.7	352.5	361.8	369.4	369.1	361.1
127.5°	229.3	245.3	262.3	279.5	296.4	310.1	319.6	324.4	328.0	325.9	319.7
130°	215.9	229.1	242.6	256.5	269.6	280.6	288.4	289.8	289.0	284.8	277.3
132.5°	202.7	213.4	223.7	234.3	244.1	252.4	257.9	257.6	256.2	255.6	254.7
135°	189.7	198.3	206.1	214.5	223.1	231.3	238.2	242.5	243.7	243.1	242.4
137.5°	174.6	183.0	190.7	198.8	207.2	215.2	222.3	228.7	230.1	230.7	229.9
140°	159.4	167.6	175.2	182.9	191.1	198.8	206.1	212.3	216.2	217.7	217.4
142.5°	144.2	152.0	159.5	166.8	174.7	182.2	189.3	195.6	202.0	203.4	204.7
145°	128.9	136.4	143.7	150.7	158.1	165.9	172.2	178.6	184.2	188.6	190.3
147.5°	113.6	120.7	127.6	134.4	141.3	148.3	154.8	160.9	166.5	171.7	175.1
150°	98.2	104.9	111.4	117.9	124.6	130.8	137.2	143.0	148.4	153.3	158.0
152.5°	82.9	89.0	95.0	101.1	107.1	113.1	119.1	124.7	129.8	134.5	138.9
155°	67.6	73.1	78.6	84.0	89.7	95.2	100.7	106.0	110.9	115.4	120.9
157.5°	52.7	57.7	63.3	68.9	74.8	80.7	86.4	92.3	98.0	103.4	108.2
160°	47.0	51.3	56.5	61.7	66.8	71.9	76.8	81.6	86.6	91.3	95.9
162.5°	41.3	45.0	49.4	54.2	58.8	63.3	67.5	71.6	75.5	79.4	83.3
165°	35.6	38.8	42.1	46.3	50.5	54.5	58.4	61.8	65.1	68.2	71.6
167.5°	29.7	32.5	35.2	38.2	41.8	45.3	48.7	52.1	55.1	57.6	60.0
170°	23.9	26.1	28.3	30.5	32.8	35.7	38.5	41.3	44.0	46.6	49.3
172.5°	18.0	19.7	21.4	23.0	24.6	26.2	27.8	30.0	32.1	34.1	36.1
175°	12.0	13.2	14.3	15.4	16.5	17.6	18.6	19.6	20.6	21.5	22.4
177.5°	6.0	6.6	7.2	7.8	8.3	8.9	9.4	9.9	10.4	10.8	11.3
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P231916

CATALOG NUMBER: FVS4WM-2-LD4-30-2HI-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	11.7	12.1	12.5	12.8	13.2	13.5	13.8	14.0	14.3	14.5	14.6
5°	23.6	24.9	26.1	27.2	28.3	29.3	30.3	31.1	32.0	32.7	33.4
7.5°	38.0	39.8	41.6	43.2	44.7	45.6	46.5	47.3	47.9	48.5	49.1
10°	51.0	52.7	54.3	55.7	57.1	58.4	59.5	60.6	61.7	62.6	63.5
12.5°	62.3	64.4	66.5	68.6	70.6	72.4	74.1	75.6	76.9	78.0	78.8
15°	74.2	77.2	80.0	82.6	84.9	86.8	88.6	90.1	91.4	92.6	93.5
17.5°	87.1	91.0	93.5	96.3	98.8	101.1	103.1	104.9	106.5	107.7	108.8
20°	99.9	103.6	107.1	110.3	113.2	115.8	118.2	120.2	121.8	123.3	124.6
22.5°	112.8	117.1	121.1	124.7	128.2	130.4	132.5	134.6	136.4	138.0	139.7
25°	126.1	131.0	136.1	138.4	141.0	143.5	145.1	146.7	148.6	150.6	152.9
27.5°	143.0	146.0	147.4	150.3	151.7	153.0	154.8	156.7	159.1	161.6	165.1
30°	160.9	162.4	163.2	162.0	160.6	160.6	162.7	165.2	169.6	174.0	179.0
32.5°	176.7	177.3	176.2	175.1	174.3	173.4	173.9	175.5	180.8	188.1	195.4
35°	191.1	190.2	189.2	188.6	188.3	189.6	190.6	194.2	197.2	204.8	216.9
37.5°	203.9	203.1	202.5	202.7	204.3	207.1	211.6	216.8	224.8	233.0	242.2
40°	216.6	216.0	216.3	218.1	222.1	227.6	235.8	245.3	256.6	268.8	281.5
42.5°	229.3	229.1	231.1	235.6	242.0	252.3	263.4	278.4	294.2	311.0	328.6
45°	241.6	243.5	247.4	254.8	266.2	278.8	296.6	314.5	335.4	357.1	381.8
47.5°	255.3	257.5	266.0	277.3	291.5	311.1	331.6	354.6	380.2	407.6	438.7
50°	270.5	275.4	285.6	301.3	321.6	343.9	368.9	396.9	428.4	461.7	497.2
52.5°	312.5	310.5	316.1	328.0	353.3	378.4	407.5	441.0	476.3	514.8	555.4
55°	353.7	351.4	358.2	372.7	391.6	414.0	446.2	483.6	523.8	567.3	617.0
57.5°	391.5	391.3	399.7	414.8	434.9	461.0	491.3	525.9	570.7	621.6	676.0
60°	427.6	428.5	439.1	455.6	477.4	504.5	537.1	576.9	622.2	671.9	730.5
62.5°	464.7	465.8	476.0	493.4	517.0	546.1	581.9	625.0	676.3	728.5	785.3
65°	499.7	501.6	512.4	530.1	553.7	583.5	623.8	673.8	726.6	781.1	842.0
67.5°	532.7	534.9	546.4	564.4	588.5	620.9	664.3	718.8	771.4	828.7	901.2
70°	565.7	566.6	578.1	595.7	619.9	655.4	704.8	758.3	811.3	870.9	953.2
72.5°	593.2	596.3	608.1	625.0	648.6	688.2	741.8	792.9	844.4	910.4	993.0
75°	618.1	622.8	633.8	648.6	672.3	712.7	770.0	822.3	870.8	939.7	1027.3
77.5°	642.8	648.5	657.4	669.1	689.7	729.1	782.7	836.6	894.0	966.2	1056.8
80°	667.2	673.4	679.4	687.0	702.8	740.5	792.8	849.1	911.6	990.6	1088.8
82.5°	691.4	697.9	700.0	703.0	712.4	747.7	800.4	859.8	925.1	1009.7	1112.8
85°	715.6	721.8	719.7	717.5	719.5	751.4	805.3	868.2	934.3	1023.3	1128.7
87.5°	739.7	745.5	738.9	731.0	725.0	752.9	808.9	875.7	941.4	1034.0	1140.4
90°	763.9	768.7	758.1	744.7	730.2	751.4	807.2	876.5	940.9	1033.3	1137.2
92.5°	739.7	745.5	738.8	731.0	725.0	752.9	808.9	875.7	941.4	1034.0	1140.4
95°	715.6	721.8	719.7	717.5	719.5	751.4	805.3	868.2	934.3	1023.3	1128.7
97.5°	691.4	697.9	700.0	703.0	712.4	747.7	800.4	859.8	925.1	1009.7	1112.8
100°	667.2	673.4	679.4	687.0	702.8	740.5	792.8	849.1	911.6	990.6	1088.8
102.5°	642.8	648.5	657.4	669.1	689.7	729.1	782.7	836.6	894.0	966.2	1056.8
105°	618.1	622.8	633.8	648.6	672.3	712.7	770.0	822.3	870.8	939.7	1027.3
107.5°	593.2	596.3	608.1	625.0	648.6	688.2	741.8	792.9	844.4	910.4	993.0
110°	565.7	566.6	578.1	595.7	619.9	655.4	704.8	758.3	811.3	870.9	953.2



TEST NUMBER: P231916

CATALOG NUMBER: FVS4WM-2-LD4-30-2HI-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
112.5°	532.7	534.9	546.4	564.4	588.5	620.9	664.3	718.8	771.4	828.7	901.2
115°	499.7	501.6	512.4	530.1	553.7	583.5	623.8	673.8	726.6	781.1	842.0
117.5°	464.7	465.8	476.0	493.4	517.0	546.1	581.9	625.0	676.3	728.5	785.3
120°	427.6	428.5	439.1	455.6	477.4	504.5	537.1	576.9	622.2	671.9	730.5
122.5°	391.5	391.3	399.7	414.8	434.9	461.0	491.3	525.9	570.7	621.6	676.0
125°	353.7	351.4	358.2	372.7	391.6	414.0	446.2	483.6	523.8	567.3	617.0
127.5°	312.5	310.5	316.1	328.0	353.3	378.4	407.5	441.0	476.3	514.8	555.4
130°	270.5	275.4	285.6	301.3	321.6	343.9	368.9	396.9	428.4	461.7	497.2
132.5°	255.3	257.5	266.0	277.3	291.5	311.1	331.6	354.6	380.2	407.6	438.7
135°	241.6	243.5	247.4	254.8	266.2	278.8	296.6	314.5	335.4	357.1	381.8
137.5°	229.3	229.1	231.1	235.6	242.0	252.3	263.4	278.4	294.2	311.0	328.6
140°	216.6	216.0	216.3	218.1	222.1	227.6	235.8	245.3	256.6	268.8	281.5
142.5°	203.9	203.1	202.5	202.7	204.3	207.1	211.6	216.8	224.8	233.0	242.2
145°	191.1	190.2	189.2	188.6	188.3	189.6	190.6	194.2	197.2	204.8	216.9
147.5°	176.7	177.3	176.2	175.1	174.3	173.4	173.9	175.5	180.8	188.1	195.4
150°	160.9	162.4	163.2	162.0	160.6	160.6	162.7	165.2	169.6	174.0	179.0
152.5°	143.0	146.0	147.4	150.3	151.7	153.0	154.8	156.7	159.1	161.6	165.1
155°	126.1	131.0	136.1	138.4	141.0	143.5	145.1	146.7	148.6	150.6	152.9
157.5°	112.8	117.1	121.1	124.7	128.2	130.4	132.5	134.6	136.4	138.0	139.7
160°	99.9	103.6	107.1	110.3	113.2	115.8	118.2	120.2	121.8	123.3	124.6
162.5°	87.1	91.0	93.5	96.3	98.8	101.1	103.1	104.9	106.5	107.7	108.8
165°	74.2	77.2	80.0	82.6	84.9	86.8	88.6	90.1	91.4	92.6	93.5
167.5°	62.3	64.4	66.5	68.6	70.6	72.4	74.1	75.6	76.9	78.0	78.8
170°	51.0	52.7	54.3	55.7	57.1	58.4	59.5	60.6	61.7	62.6	63.5
172.5°	38.0	39.8	41.6	43.2	44.7	45.6	46.5	47.3	47.9	48.5	49.1
175°	23.6	24.9	26.1	27.2	28.3	29.3	30.3	31.1	32.0	32.7	33.4
177.5°	11.7	12.1	12.5	12.8	13.2	13.5	13.8	14.0	14.3	14.5	14.6
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P231916

CATALOG NUMBER: FVS4WM-2-LD4-30-2HI-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
0°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2.5°	14.8	14.9	15.0	15.1	15.1	15.1	15.6	15.4	15.2	15.0	14.8
5°	34.0	34.6	35.1	35.5	35.8	36.1	36.2	36.3	37.0	36.6	36.3
7.5°	49.5	49.8	50.1	50.3	50.4	50.4	50.3	50.1	49.9	49.9	49.3
10°	64.2	64.7	65.2	65.5	65.6	65.7	65.6	65.4	65.1	65.1	64.2
12.5°	79.4	79.9	80.2	80.4	80.4	80.2	79.9	79.4	78.8	78.1	77.4
15°	94.2	94.7	95.0	95.2	95.1	94.8	94.3	93.6	92.7	91.7	90.8
17.5°	109.6	110.4	111.0	111.4	111.6	111.6	111.4	111.1	110.5	109.7	109.1
20°	125.8	126.9	128.0	129.1	130.1	131.0	131.7	132.2	132.5	132.6	133.1
22.5°	141.4	143.2	145.0	146.6	148.1	149.5	150.8	151.8	152.6	153.2	154.2
25°	155.1	157.5	159.8	162.9	165.8	168.5	171.1	173.3	175.2	176.8	178.0
27.5°	169.1	173.1	177.1	181.5	186.3	190.8	194.9	198.7	202.0	204.8	207.0
30°	184.9	191.3	197.4	203.5	211.8	219.6	226.8	233.4	239.2	244.3	248.5
32.5°	203.7	214.3	224.7	234.8	245.5	256.3	266.3	275.3	283.4	290.3	296.2
35°	229.0	243.0	257.3	271.1	284.7	299.7	313.5	325.9	336.8	346.3	354.1
37.5°	259.0	276.3	296.3	315.4	333.3	352.1	369.5	385.1	398.7	410.2	419.7
40°	296.6	317.9	342.8	367.3	390.1	412.2	432.7	450.3	464.9	476.8	485.9
42.5°	349.0	369.4	396.7	427.5	455.1	479.7	502.1	521.3	537.3	550.1	559.7
45°	406.7	435.4	462.9	494.9	525.2	555.2	579.1	601.4	618.6	631.0	638.9
47.5°	470.8	503.5	535.2	569.1	608.2	641.5	670.4	695.0	714.5	728.7	737.7
50°	534.3	572.6	616.9	660.1	702.9	739.8	773.5	807.5	836.0	858.6	874.7
52.5°	601.2	649.8	699.6	748.9	802.5	854.2	897.8	938.7	975.7	1007.7	1033.4
55°	669.2	723.6	780.7	843.6	906.7	968.0	1021.1	1068.5	1111.8	1150.3	1182.7
57.5°	733.2	796.4	864.0	937.1	1011.6	1072.1	1131.5	1182.6	1227.4	1268.8	1305.4
60°	795.7	867.2	948.9	1027.0	1100.5	1164.0	1218.8	1271.3	1319.7	1363.0	1400.5
62.5°	853.9	942.3	1027.7	1109.6	1176.2	1238.7	1295.1	1348.9	1396.1	1439.0	1476.5
65°	923.8	1010.5	1098.3	1172.0	1239.6	1303.2	1359.3	1411.7	1460.7	1505.6	1544.5
67.5°	986.5	1075.8	1152.6	1224.3	1292.5	1354.4	1413.8	1469.7	1520.1	1564.2	1601.6
70°	1040.2	1127.9	1203.8	1269.7	1333.7	1399.5	1462.6	1519.0	1572.6	1622.1	1658.7
72.5°	1085.4	1175.3	1245.8	1310.4	1373.9	1438.1	1501.5	1564.8	1629.3	1680.0	1709.7
75°	1126.9	1208.7	1278.3	1344.7	1410.9	1473.5	1536.4	1604.2	1666.7	1721.0	1755.2
77.5°	1161.4	1236.1	1303.9	1371.9	1440.0	1505.2	1569.4	1634.1	1695.8	1750.3	1785.5
80°	1183.7	1256.2	1322.5	1391.9	1462.5	1529.4	1593.3	1657.4	1719.8	1774.2	1808.2
82.5°	1203.0	1275.3	1341.3	1409.6	1475.9	1539.0	1606.3	1675.6	1746.5	1804.1	1830.6
85°	1217.9	1288.7	1353.1	1422.3	1487.4	1552.2	1618.1	1688.8	1758.6	1814.0	1844.9
87.5°	1230.7	1296.2	1358.0	1426.9	1491.7	1560.2	1630.2	1700.9	1766.1	1822.0	1847.8
90°	1230.5	1297.9	1356.6	1423.9	1488.4	1559.6	1631.7	1697.2	1763.5	1825.1	1850.1
92.5°	1230.7	1296.2	1358.0	1426.9	1491.7	1560.2	1630.2	1700.9	1766.1	1822.0	1847.8
95°	1217.9	1288.7	1353.1	1422.3	1487.4	1552.2	1618.1	1688.8	1758.6	1814.0	1844.9
97.5°	1203.0	1275.3	1341.3	1409.6	1475.9	1539.0	1606.3	1675.6	1746.5	1804.1	1830.6
100°	1183.7	1256.2	1322.5	1391.9	1462.5	1529.4	1593.3	1657.4	1719.8	1774.2	1808.2
102.5°	1161.4	1236.1	1303.9	1371.9	1440.0	1505.2	1569.4	1634.1	1695.8	1750.3	1785.5
105°	1126.9	1208.7	1278.3	1344.7	1410.9	1473.5	1536.4	1604.2	1666.7	1721.0	1755.2
107.5°	1085.4	1175.3	1245.8	1310.4	1373.9	1438.1	1501.5	1564.8	1629.3	1680.0	1709.7
110°	1040.2	1127.9	1203.8	1269.7	1333.7	1399.5	1462.6	1519.0	1572.6	1622.1	1658.7



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CANDELA DISTRIBUTION (continued):

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
112.5°	986.5	1075.8	1152.6	1224.3	1292.5	1354.4	1413.8	1469.7	1520.1	1564.2	1601.6
115°	923.8	1010.5	1098.3	1172.0	1239.6	1303.2	1359.3	1411.7	1460.7	1505.6	1544.5
117.5°	853.9	942.3	1027.7	1109.6	1176.2	1238.7	1295.1	1348.9	1396.1	1439.0	1476.5
120°	795.7	867.2	948.9	1027.0	1100.5	1164.0	1218.8	1271.3	1319.7	1363.0	1400.5
122.5°	733.2	796.4	864.0	937.1	1011.6	1072.1	1131.5	1182.6	1227.4	1268.8	1305.4
125°	669.2	723.6	780.7	843.6	906.7	968.0	1021.1	1068.5	1111.8	1150.3	1182.7
127.5°	601.2	649.8	699.6	748.9	802.5	854.2	897.8	938.7	975.7	1007.7	1033.4
130°	534.3	572.6	616.9	660.1	702.9	739.8	773.5	807.5	836.0	858.6	874.7
132.5°	470.8	503.5	535.2	569.1	608.2	641.5	670.4	695.0	714.5	728.7	737.7
135°	406.7	435.4	462.9	494.9	525.2	555.2	579.1	601.4	618.6	631.0	638.9
137.5°	349.0	369.4	396.7	427.5	455.1	479.7	502.1	521.3	537.3	550.1	559.7
140°	296.6	317.9	342.8	367.3	390.1	412.2	432.7	450.3	464.9	476.8	485.9
142.5°	259.0	276.3	296.3	315.4	333.3	352.1	369.5	385.1	398.7	410.2	419.7
145°	229.0	243.0	257.3	271.1	284.7	299.7	313.5	325.9	336.8	346.3	354.1
147.5°	203.7	214.3	224.7	234.8	245.5	256.3	266.3	275.3	283.4	290.3	296.2
150°	184.9	191.3	197.4	203.5	211.8	219.6	226.8	233.4	239.2	244.3	248.5
152.5°	169.1	173.1	177.1	181.5	186.3	190.8	194.9	198.7	202.0	204.8	207.0
155°	155.1	157.5	159.8	162.9	165.8	168.5	171.1	173.3	175.2	176.8	178.0
157.5°	141.4	143.2	145.0	146.6	148.1	149.5	150.8	151.8	152.6	153.2	154.2
160°	125.8	126.9	128.0	129.1	130.1	131.0	131.7	132.2	132.5	132.6	133.1
162.5°	109.6	110.4	111.0	111.4	111.6	111.6	111.4	111.1	110.5	109.7	109.1
165°	94.2	94.7	95.0	95.2	95.1	94.8	94.3	93.6	92.7	91.7	90.8
167.5°	79.4	79.9	80.2	80.4	80.4	80.2	79.9	79.4	78.8	78.1	77.4
170°	64.2	64.7	65.2	65.5	65.6	65.7	65.6	65.4	65.1	65.1	64.2
172.5°	49.5	49.8	50.1	50.3	50.4	50.4	50.3	50.1	49.9	49.9	49.3
175°	34.0	34.6	35.1	35.5	35.8	36.1	36.2	36.3	37.0	36.6	36.3
177.5°	14.8	14.9	15.0	15.1	15.1	15.1	15.6	15.4	15.2	15.0	14.8
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	357.5°	360°
0°	0.0	0.0
2.5°	14.6	14.4
5°	35.9	35.6
7.5°	48.7	48.1
10°	63.4	62.5
12.5°	76.2	75.0
15°	89.2	87.6
17.5°	107.5	105.8
20°	131.9	130.8
22.5°	153.6	153.0
25°	179.0	179.0
27.5°	209.0	209.7
30°	252.3	254.0
32.5°	301.4	304.0
35°	361.2	364.6
37.5°	428.1	432.0
40°	493.6	496.4
42.5°	567.6	569.6
45°	644.3	642.7
47.5°	744.1	740.8
50°	887.8	886.1
52.5°	1056.5	1061.2
55°	1212.5	1223.8
57.5°	1340.2	1358.5
60°	1435.2	1455.7
62.5°	1508.2	1533.6
65°	1576.9	1602.9
67.5°	1632.3	1656.7
70°	1685.0	1702.9
72.5°	1729.2	1740.4
75°	1769.8	1776.0
77.5°	1791.8	1792.4
80°	1821.6	1824.2
82.5°	1842.0	1844.4
85°	1851.0	1849.2
87.5°	1862.5	1866.5
90°	1860.7	1862.6
92.5°	1862.5	1866.5
95°	1851.0	1849.2
97.5°	1842.0	1844.4
100°	1821.6	1824.2
102.5°	1791.8	1792.4
105°	1769.8	1776.0
107.5°	1729.2	1740.4
110°	1685.0	1702.9



TEST NUMBER: P231916

CATALOG NUMBER: FVS4WM-2-LD4-30-2HI-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	357.5°	360°
112.5°	1632.3	1656.7
115°	1576.9	1602.9
117.5°	1508.2	1533.6
120°	1435.2	1455.7
122.5°	1340.2	1358.5
125°	1212.5	1223.8
127.5°	1056.5	1061.2
130°	887.8	886.1
132.5°	744.1	740.8
135°	644.3	642.7
137.5°	567.6	569.6
140°	493.6	496.4
142.5°	428.1	432.0
145°	361.2	364.6
147.5°	301.4	304.0
150°	252.3	254.0
152.5°	209.0	209.7
155°	179.0	179.0
157.5°	153.6	153.0
160°	131.9	130.8
162.5°	107.5	105.8
165°	89.2	87.6
167.5°	76.2	75.0
170°	63.4	62.5
172.5°	48.7	48.1
175°	35.9	35.6
177.5°	14.6	14.4
180°	0.0	0.0

(END OF REPORT)