

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: P232025

Luminaire Tested: **FVS4WM-3-LD4-35-1HI-P125-UNV-EDC1**

Issue Date: 3/3/2020



Test Information

Test Method: LM-79-08
Report Number: P232025
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1706-121-23)
Test Lab: INNOVATION CENTER(G3)
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: FAIL-SAFE
Catalog Number: FVS4WM-3-LD4-35-1HI-P125-UNV-EDC1
Description: FAILSAFE FVS LED FIXTURE
3FT LENGTH, 1-MODULE LED WITH P125 LENS
Light Source: (84) 3500K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

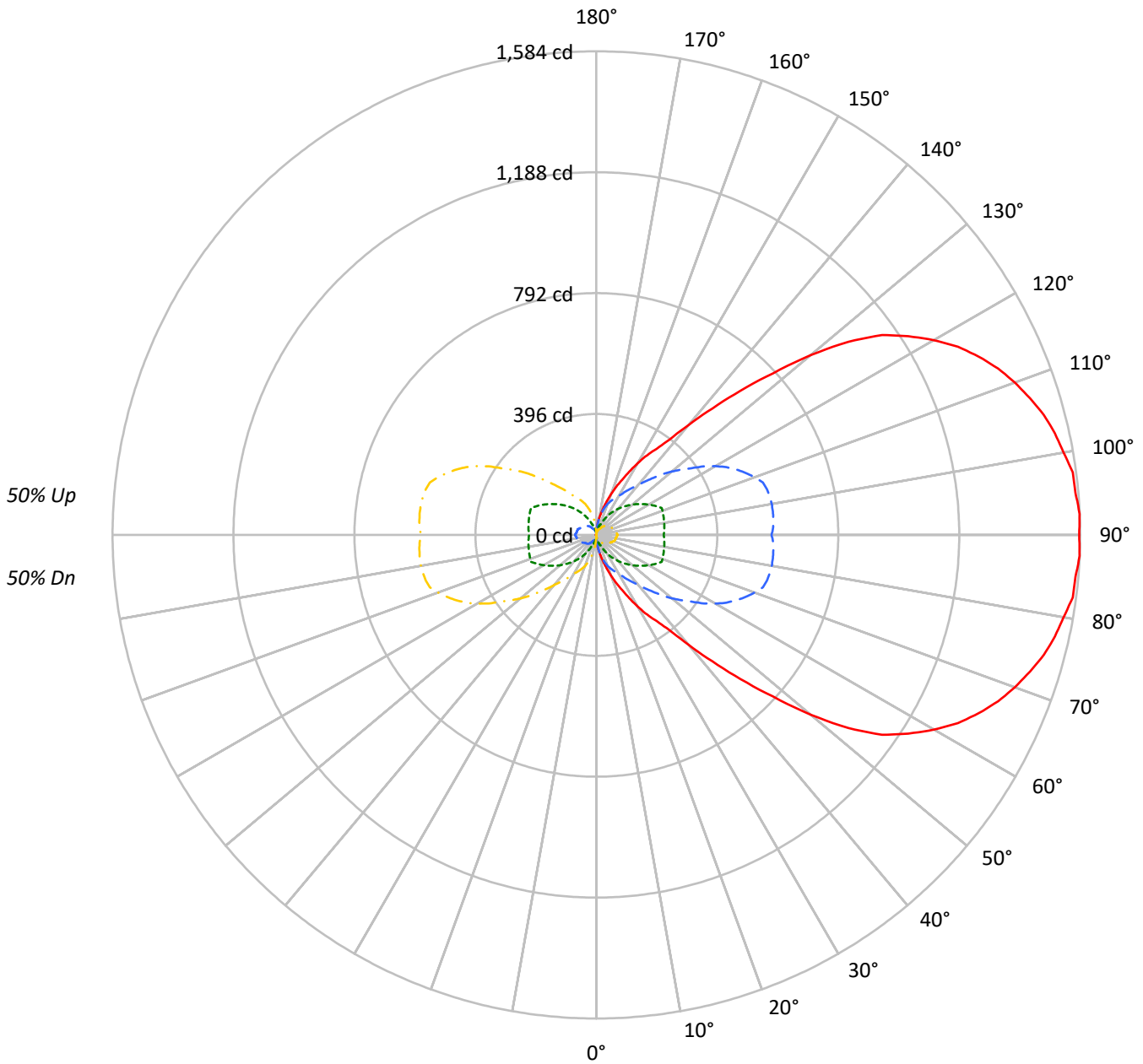
Lumens per Lamp: N/A
Luminaire Lumens: 3768.3 lumens
Efficiency: N/A
Efficacy: 103.8 lumens/watt
Spacing Criteria (0/90/45): - / - / -
Luminous Opening: Rectangular w/ Sides (W: 2.92' x L: 0.19' x H: 0.31')
CIE Type: General Diffuse

Input Watts (W): 36.3
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

TEST NUMBER: P232025

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Luminous Intensity Polar Plot



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



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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20	
RC	80				70				50				30				10	0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR																		
0	107	107	107	107	99	99	99	99	83	83	83	69	69	69	56	56	56	50
1	91	84	77	71	83	76	71	65	63	58	54	50	47	44	39	36	34	28
2	80	69	60	53	73	63	55	48	51	45	40	40	36	31	30	27	23	18
3	72	59	49	41	65	53	45	37	43	36	30	34	28	24	25	21	17	12
4	64	51	41	33	58	46	37	30	37	30	24	29	23	18	21	17	13	9
5	59	44	34	27	53	40	31	24	32	25	20	25	19	15	18	14	10	7
6	54	39	29	22	48	35	27	20	29	22	16	22	17	12	16	12	8	5
7	49	35	26	19	44	32	23	17	26	19	14	20	14	10	14	10	7	4
8	45	31	22	16	41	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	8	12	8	5	3
10	39	26	18	12	36	24	16	11	19	13	9	15	10	7	11	7	4	2

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	0	0	0	0
5°	507	170	0	170
10°	908	341	0	341
15°	1340	517	0	517
20°	1879	702	0	702
25°	2432	1026	0	1026
30°	3134	1505	0	1505
35°	3817	2034	0	2034
40°	5032	2633	0	2633
45°	6970	3329	0	3329
50°	9390	4192	0	4192
55°	11586	5250	0	5250
60°	12920	6588	0	6588
65°	14066	8347	0	8347
70°	15039	10235	10	10235
75°	15977	12375	11	12375
80°	16842	15892	0	15892
85°	17736	22638	0	22638



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	1.8	0.0
10°-20°	13.1	0.3
20°-30°	36.7	1.0
30°-40°	79.6	2.1
40°-50°	154.6	4.1
50°-60°	268.4	7.1
60°-70°	379.3	10.1
70°-80°	456.2	12.1
80°-90°	494.5	13.1
90°-100°	494.5	13.1
100°-110°	456.2	12.1
110°-120°	379.3	10.1
120°-130°	268.4	7.1
130°-140°	154.6	4.1
140°-150°	79.6	2.1
150°-160°	36.7	1.0
160°-170°	13.1	0.3
170°-180°	1.8	0.0
0°-30°	51.6	1.4
0°-40°	131.2	3.5
0°-60°	554.2	14.7
0°-90°	1884.2	50.0
90°-120°	1330.0	35.3
90°-150°	1832.6	48.6
90°-180°	1884.0	50.0
0°-180°	3768.3	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	0	0	0	0	0	
5°	29	9	0	9	29	4
15°	95	26	0	26	95	29
25°	199	50	0	50	199	95
35°	344	91	0	91	344	225
45°	668	132	0	132	668	529
55°	1141	176	0	176	1141	1009
65°	1382	220	0	220	1382	1368
75°	1517	228	1	228	1517	1600
85°	1575	223	0	223	1575	1284
90°	1581	221	0	221	1581	867
95°	1575	223	0	223	1575	1284
105°	1517	228	1	228	1517	1600
115°	1382	220	0	220	1382	1368
125°	1141	176	0	176	1141	1009
135°	668	132	0	132	668	529
145°	344	91	0	91	344	225
155°	199	50	0	50	199	95
165°	95	26	0	26	95	29
175°	29	9	0	9	29	4
180°	0	0	0	0	0	



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CATALOG NUMBER: FVS4WM-3-LD4-35-1HI-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°	13.7	13.9	14.1	14.3	14.4	14.6	14.8	14.3	14.3	14.3	14.2
5°	29.4	29.8	30.2	30.6	31.0	30.6	30.7	30.7	30.6	30.5	30.3
7.5°	45.1	45.7	46.3	46.9	46.8	47.0	47.1	47.1	47.1	46.9	46.6
10°	58.8	59.7	60.6	61.4	61.5	61.8	62.1	62.3	62.3	62.2	62.0
12.5°	73.5	74.6	75.6	76.0	76.6	77.0	77.3	77.4	77.4	77.3	77.0
15°	95.1	95.9	96.7	96.5	96.5	96.4	96.0	95.5	94.9	94.1	93.2
17.5°	118.6	119.0	119.4	118.4	117.8	116.9	115.9	114.7	113.3	111.8	110.2
20°	144.1	144.0	143.9	142.2	140.8	139.2	137.3	135.1	132.7	130.1	127.4
22.5°	170.6	170.1	169.5	166.9	164.9	162.5	159.7	156.6	153.3	149.7	145.9
25°	199.0	197.9	195.7	193.2	190.3	186.9	183.2	179.1	174.7	169.9	165.0
27.5°	233.4	231.6	228.4	224.8	220.6	215.7	210.3	204.4	198.1	191.3	184.7
30°	270.6	268.9	265.3	261.2	256.2	250.2	243.3	235.4	226.5	216.8	208.5
32.5°	309.8	308.6	305.2	301.1	295.9	289.3	281.5	272.4	261.9	250.7	239.2
35°	344.2	344.5	342.5	339.7	335.5	329.7	322.2	313.0	302.0	289.6	275.7
37.5°	392.2	393.8	392.0	389.2	384.4	377.6	368.6	357.6	344.7	331.7	316.6
40°	469.7	470.3	465.5	459.4	450.9	440.2	427.4	412.6	397.5	381.4	362.9
42.5°	561.8	560.7	552.6	543.0	530.5	515.4	497.8	478.0	458.8	438.4	416.5
45°	667.7	664.0	651.5	637.5	619.9	599.3	576.1	553.8	526.2	500.0	473.1
47.5°	783.4	778.9	763.5	745.7	722.8	695.1	662.9	629.6	598.3	565.6	535.2
50°	915.8	912.2	894.6	873.4	845.1	809.8	767.7	725.5	681.5	635.7	599.7
52.5°	1039.3	1039.2	1024.2	1004.7	976.7	940.0	894.5	842.5	781.0	721.0	670.0
55°	1141.3	1142.9	1131.3	1116.2	1094.2	1065.3	1026.8	966.0	887.9	814.0	744.8
57.5°	1210.9	1213.3	1206.0	1196.2	1181.4	1161.9	1130.8	1066.0	995.9	905.2	821.1
60°	1275.7	1277.6	1269.9	1260.3	1246.5	1229.0	1195.4	1141.3	1071.3	987.4	897.8
62.5°	1334.5	1333.3	1327.5	1317.3	1303.1	1285.5	1251.9	1204.0	1138.7	1059.9	965.6
65°	1381.5	1379.6	1373.7	1364.2	1351.7	1334.6	1307.3	1270.7	1207.3	1126.4	1030.4
67.5°	1423.7	1421.5	1415.0	1404.6	1390.5	1374.1	1353.8	1323.3	1279.8	1199.4	1097.1
70°	1458.0	1456.0	1449.9	1440.1	1426.8	1409.0	1389.2	1364.0	1329.5	1268.6	1159.9
72.5°	1488.4	1484.1	1476.7	1467.5	1456.6	1437.8	1418.0	1395.2	1362.0	1302.8	1212.4
75°	1516.9	1509.9	1499.7	1489.3	1477.9	1461.1	1440.4	1419.1	1392.7	1336.7	1246.8
77.5°	1537.4	1531.4	1520.7	1510.6	1498.5	1483.1	1461.5	1439.3	1413.1	1370.4	1283.2
80°	1553.1	1549.6	1540.1	1529.1	1516.0	1499.1	1479.8	1458.2	1431.2	1398.5	1313.0
82.5°	1572.7	1563.3	1552.8	1538.5	1527.0	1510.1	1491.6	1470.6	1443.9	1409.6	1337.7
85°	1574.7	1567.9	1562.9	1546.5	1533.6	1516.5	1497.4	1476.6	1449.2	1417.1	1356.5
87.5°	1583.5	1574.1	1563.6	1546.0	1536.4	1518.8	1498.1	1479.7	1450.1	1422.0	1367.1
90°	1580.6	1564.9	1560.0	1546.3	1533.5	1517.8	1495.3	1479.6	1447.2	1422.7	1366.8
92.5°	1583.5	1574.1	1563.6	1546.0	1536.4	1518.8	1498.1	1479.7	1450.1	1422.0	1367.1
95°	1574.7	1567.9	1562.9	1546.5	1533.6	1516.5	1497.4	1476.6	1449.2	1417.1	1356.5
97.5°	1572.7	1563.3	1552.8	1538.5	1527.0	1510.1	1491.6	1470.6	1443.9	1409.6	1337.7
100°	1553.1	1549.6	1540.1	1529.1	1516.0	1499.1	1479.8	1458.2	1431.2	1398.5	1313.0
102.5°	1537.4	1531.4	1520.7	1510.6	1498.5	1483.1	1461.5	1439.3	1413.1	1370.4	1283.2
105°	1516.9	1509.9	1499.7	1489.3	1477.9	1461.1	1440.4	1419.1	1392.7	1336.7	1246.8
107.5°	1488.4	1484.1	1476.7	1467.5	1456.6	1437.8	1418.0	1395.2	1362.0	1302.8	1212.4
110°	1458.0	1456.0	1449.9	1440.1	1426.8	1409.0	1389.2	1364.0	1329.5	1268.6	1159.9



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CANDELA DISTRIBUTION (continued):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
112.5°	1423.7	1421.5	1415.0	1404.6	1390.5	1374.1	1353.8	1323.3	1279.8	1199.4	1097.1
115°	1381.5	1379.6	1373.7	1364.2	1351.7	1334.6	1307.3	1270.7	1207.3	1126.4	1030.4
117.5°	1334.5	1333.3	1327.5	1317.3	1303.1	1285.5	1251.9	1204.0	1138.7	1059.9	965.6
120°	1275.7	1277.6	1269.9	1260.3	1246.5	1229.0	1195.4	1141.3	1071.3	987.4	897.8
122.5°	1210.9	1213.3	1206.0	1196.2	1181.4	1161.9	1130.8	1066.0	995.9	905.2	821.1
125°	1141.3	1142.9	1131.3	1116.2	1094.2	1065.3	1026.8	966.0	887.9	814.0	744.8
127.5°	1039.3	1039.2	1024.2	1004.7	976.7	940.0	894.5	842.5	781.0	721.0	670.0
130°	915.8	912.2	894.6	873.4	845.1	809.8	767.7	725.5	681.5	635.7	599.7
132.5°	783.4	778.9	763.5	745.7	722.8	695.1	662.9	629.6	598.3	565.6	535.2
135°	667.7	664.0	651.5	637.5	619.9	599.3	576.1	553.8	526.2	500.0	473.1
137.5°	561.8	560.7	552.6	543.0	530.5	515.4	497.8	478.0	458.8	438.4	416.5
140°	469.7	470.3	465.5	459.4	450.9	440.2	427.4	412.6	397.5	381.4	362.9
142.5°	392.2	393.8	392.0	389.2	384.4	377.6	368.6	357.6	344.7	331.7	316.6
145°	344.2	344.5	342.5	339.7	335.5	329.7	322.2	313.0	302.0	289.6	275.7
147.5°	309.8	308.6	305.2	301.1	295.9	289.3	281.5	272.4	261.9	250.7	239.2
150°	270.6	268.9	265.3	261.2	256.2	250.2	243.3	235.4	226.5	216.8	208.5
152.5°	233.4	231.6	228.4	224.8	220.6	215.7	210.3	204.4	198.1	191.3	184.7
155°	199.0	197.9	195.7	193.2	190.3	186.9	183.2	179.1	174.7	169.9	165.0
157.5°	170.6	170.1	169.5	166.9	164.9	162.5	159.7	156.6	153.3	149.7	145.9
160°	144.1	144.0	143.9	142.2	140.8	139.2	137.3	135.1	132.7	130.1	127.4
162.5°	118.6	119.0	119.4	118.4	117.8	116.9	115.9	114.7	113.3	111.8	110.2
165°	95.1	95.9	96.7	96.5	96.5	96.4	96.0	95.5	94.9	94.1	93.2
167.5°	73.5	74.6	75.6	76.0	76.6	77.0	77.3	77.4	77.4	77.3	77.0
170°	58.8	59.7	60.6	61.4	61.5	61.8	62.1	62.3	62.3	62.2	62.0
172.5°	45.1	45.7	46.3	46.9	46.8	47.0	47.1	47.1	47.1	46.9	46.6
175°	29.4	29.8	30.2	30.6	31.0	30.6	30.7	30.7	30.6	30.5	30.3
177.5°	13.7	13.9	14.1	14.3	14.4	14.6	14.8	14.3	14.3	14.3	14.2
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°	14.1	14.0	13.8	13.7	13.5	13.2	13.0	12.7	12.4	12.1	11.7
5°	30.0	29.7	29.3	28.8	28.3	27.7	27.1	26.4	25.6	24.8	24.0
7.5°	46.2	45.8	45.2	44.5	43.8	43.0	42.0	41.0	39.9	38.7	37.4
10°	61.6	61.1	60.6	59.8	59.0	58.1	56.9	55.6	54.1	52.5	50.8
12.5°	76.6	76.0	75.3	74.5	73.5	72.4	71.0	69.6	67.9	66.1	64.2
15°	92.2	91.1	89.9	88.8	87.7	86.4	84.9	83.3	81.6	79.5	77.2
17.5°	108.5	106.7	105.0	103.4	101.7	99.9	98.2	96.4	94.4	92.2	89.9
20°	124.5	121.8	119.4	117.0	114.6	112.2	110.1	108.1	106.2	104.3	101.8
22.5°	142.0	138.2	134.4	130.5	126.6	123.5	120.8	118.2	115.9	113.8	111.9
25°	160.1	155.2	150.1	144.9	140.0	135.5	131.1	126.9	124.3	121.8	119.9
27.5°	178.7	172.4	166.0	159.8	153.8	147.8	142.5	137.1	132.4	128.3	126.2
30°	199.9	191.0	182.5	174.8	167.4	160.1	153.5	146.9	142.4	139.6	136.7
32.5°	226.7	213.2	201.9	191.6	181.1	172.5	166.8	161.8	157.4	153.0	149.6
35°	260.5	244.4	228.9	212.4	199.7	191.8	183.6	177.9	172.2	167.2	162.4
37.5°	299.2	281.1	261.7	246.0	230.0	214.9	204.2	194.9	187.3	181.1	175.6
40°	342.7	322.6	302.7	283.4	263.8	245.2	228.6	214.2	203.9	195.1	188.4
42.5°	394.1	370.4	346.1	323.6	302.2	278.6	256.4	238.4	221.9	210.6	201.4
45°	448.2	421.4	393.9	365.3	338.8	313.1	288.5	263.6	244.4	227.4	215.3
47.5°	504.6	473.5	442.8	410.9	378.9	348.3	320.5	293.7	267.3	247.2	230.8
50°	563.1	527.8	492.2	457.3	423.1	386.0	352.4	322.8	294.2	267.8	246.9
52.5°	622.3	582.0	542.2	503.4	464.5	426.8	386.5	351.5	322.1	290.4	269.2
55°	686.7	635.0	591.0	548.2	506.6	464.6	422.0	381.1	349.8	321.8	296.9
57.5°	750.1	688.3	636.9	590.9	546.5	502.7	459.0	417.4	379.6	350.7	324.3
60°	808.7	737.9	678.5	629.5	583.3	538.3	493.5	450.1	410.5	377.8	350.5
62.5°	869.2	779.4	715.5	662.4	615.2	570.3	524.5	480.2	439.0	402.3	374.3
65°	925.3	831.9	750.4	691.7	641.8	596.6	552.5	506.2	464.3	426.9	397.0
67.5°	987.4	885.1	794.5	719.7	663.2	617.7	575.9	530.2	487.2	449.4	417.5
70°	1045.5	933.7	836.1	746.4	683.4	634.7	593.3	551.5	506.7	468.8	435.9
72.5°	1094.2	975.8	869.3	776.3	700.5	647.1	606.4	571.7	523.2	485.7	453.3
75°	1132.4	1011.8	895.5	799.2	712.9	656.6	615.3	578.3	534.6	496.5	466.7
77.5°	1160.0	1038.0	916.4	819.4	732.6	667.0	620.2	581.3	541.3	504.4	477.1
80°	1187.8	1063.9	945.1	839.0	748.8	675.0	623.3	582.9	544.5	509.7	485.1
82.5°	1215.3	1086.1	965.3	852.9	759.9	680.3	624.6	583.0	544.9	512.7	491.1
85°	1230.6	1099.6	976.9	860.9	765.9	682.7	623.9	581.6	542.8	513.9	495.5
87.5°	1233.8	1108.8	983.9	865.9	769.2	683.8	622.4	579.3	539.3	514.1	499.0
90°	1225.6	1099.2	974.6	858.9	762.8	678.5	616.7	573.6	533.4	512.8	502.0
92.5°	1233.8	1108.8	983.9	865.9	769.2	683.8	622.4	579.3	539.3	514.1	499.0
95°	1230.6	1099.6	976.9	860.9	765.9	682.7	623.9	581.6	542.8	513.9	495.5
97.5°	1215.3	1086.1	965.3	852.9	759.9	680.3	624.6	583.0	544.9	512.7	491.1
100°	1187.8	1063.9	945.1	839.0	748.8	675.0	623.3	582.9	544.5	509.7	485.1
102.5°	1160.0	1038.0	916.4	819.4	732.6	667.0	620.2	581.3	541.3	504.4	477.1
105°	1132.4	1011.8	895.5	799.2	712.9	656.6	615.3	578.3	534.6	496.5	466.7
107.5°	1094.2	975.8	869.3	776.3	700.5	647.1	606.4	571.7	523.2	485.7	453.3
110°	1045.5	933.7	836.1	746.4	683.4	634.7	593.3	551.5	506.7	468.8	435.9



TEST NUMBER: P232025

CATALOG NUMBER: FVS4WM-3-LD4-35-1HI-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°	987.4	885.1	794.5	719.7	663.2	617.7	575.9	530.2	487.2	449.4	417.5
115°	925.3	831.9	750.4	691.7	641.8	596.6	552.5	506.2	464.3	426.9	397.0
117.5°	869.2	779.4	715.5	662.4	615.2	570.3	524.5	480.2	439.0	402.3	374.3
120°	808.7	737.9	678.5	629.5	583.3	538.3	493.5	450.1	410.5	377.8	350.5
122.5°	750.1	688.3	636.9	590.9	546.5	502.7	459.0	417.4	379.6	350.7	324.3
125°	686.7	635.0	591.0	548.2	506.6	464.6	422.0	381.1	349.8	321.8	296.9
127.5°	622.3	582.0	542.2	503.4	464.5	426.8	386.5	351.5	322.1	290.4	269.2
130°	563.1	527.8	492.2	457.3	423.1	386.0	352.4	322.8	294.2	267.8	246.9
132.5°	504.6	473.5	442.8	410.9	378.9	348.3	320.5	293.7	267.3	247.2	230.8
135°	448.2	421.4	393.9	365.3	338.8	313.1	288.5	263.6	244.4	227.4	215.3
137.5°	394.1	370.4	346.1	323.6	302.2	278.6	256.4	238.4	221.9	210.6	201.4
140°	342.7	322.6	302.7	283.4	263.8	245.2	228.6	214.2	203.9	195.1	188.4
142.5°	299.2	281.1	261.7	246.0	230.0	214.9	204.2	194.9	187.3	181.1	175.6
145°	260.5	244.4	228.9	212.4	199.7	191.8	183.6	177.9	172.2	167.2	162.4
147.5°	226.7	213.2	201.9	191.6	181.1	172.5	166.8	161.8	157.4	153.0	149.6
150°	199.9	191.0	182.5	174.8	167.4	160.1	153.5	146.9	142.4	139.6	136.7
152.5°	178.7	172.4	166.0	159.8	153.8	147.8	142.5	137.1	132.4	128.3	126.2
155°	160.1	155.2	150.1	144.9	140.0	135.5	131.1	126.9	124.3	121.8	119.9
157.5°	142.0	138.2	134.4	130.5	126.6	123.5	120.8	118.2	115.9	113.8	111.9
160°	124.5	121.8	119.4	117.0	114.6	112.2	110.1	108.1	106.2	104.3	101.8
162.5°	108.5	106.7	105.0	103.4	101.7	99.9	98.2	96.4	94.4	92.2	89.9
165°	92.2	91.1	89.9	88.8	87.7	86.4	84.9	83.3	81.6	79.5	77.2
167.5°	76.6	76.0	75.3	74.5	73.5	72.4	71.0	69.6	67.9	66.1	64.2
170°	61.6	61.1	60.6	59.8	59.0	58.1	56.9	55.6	54.1	52.5	50.8
172.5°	46.2	45.8	45.2	44.5	43.8	43.0	42.0	41.0	39.9	38.7	37.4
175°	30.0	29.7	29.3	28.8	28.3	27.7	27.1	26.4	25.6	24.8	24.0
177.5°	14.1	14.0	13.8	13.7	13.5	13.2	13.0	12.7	12.4	12.1	11.7
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: P232025

CATALOG NUMBER: FVS4WM-3-LD4-35-1HI-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°	11.4	11.0	10.6	10.1	9.7	9.2	8.7	8.2	7.7	7.2	6.7
5°	23.0	22.1	21.1	20.2	19.3	18.4	17.4	16.4	15.4	14.3	13.3
7.5°	36.0	34.5	33.0	31.4	29.7	27.9	26.1	24.5	23.0	21.4	19.8
10°	49.1	47.2	45.3	43.0	40.7	38.3	35.8	33.3	30.7	28.5	26.4
12.5°	62.0	59.6	57.2	54.5	51.8	48.9	45.8	42.5	39.2	35.8	32.8
15°	74.7	72.0	69.6	66.0	62.7	59.3	55.8	51.9	47.8	43.7	39.4
17.5°	87.8	84.3	80.9	77.4	73.7	69.7	65.6	61.3	56.6	51.6	46.6
20°	99.1	96.1	92.9	88.8	84.5	80.1	75.3	70.4	65.4	59.7	53.9
22.5°	110.1	107.2	103.7	100.2	95.5	90.4	85.1	79.6	73.9	67.9	61.2
25°	117.9	116.4	114.2	110.3	106.6	101.7	96.2	90.6	84.7	78.8	72.2
27.5°	125.3	124.6	123.7	122.1	118.1	113.9	108.4	102.4	96.3	89.9	83.3
30°	135.5	134.4	133.3	131.8	129.5	125.0	120.2	113.9	107.9	100.8	94.2
32.5°	146.5	144.5	143.1	141.4	139.4	135.9	130.9	125.0	118.4	111.5	104.5
35°	158.6	155.2	153.0	151.2	148.9	146.2	141.3	136.2	128.9	121.9	114.7
37.5°	170.6	166.7	163.2	161.0	159.1	155.6	151.5	145.8	139.2	132.0	124.6
40°	182.8	177.7	174.1	170.7	168.4	165.2	161.3	155.6	149.2	141.9	134.4
42.5°	194.5	189.1	184.4	180.9	177.9	175.1	170.6	165.2	158.9	151.6	144.0
45°	206.5	199.6	194.8	190.8	187.4	184.4	180.1	174.6	168.1	161.0	153.4
47.5°	218.0	210.7	204.7	200.5	197.0	194.7	193.2	190.3	186.7	182.1	176.0
50°	232.3	221.9	217.7	215.9	214.7	214.0	213.8	212.8	211.0	207.7	201.7
52.5°	253.7	243.6	238.4	235.1	233.3	232.7	233.4	234.2	234.5	233.1	227.1
55°	278.8	266.9	259.0	254.2	251.9	251.2	252.2	254.6	257.3	257.7	252.4
57.5°	303.8	289.4	279.6	273.9	270.7	269.5	270.5	274.0	279.3	281.5	277.5
60°	326.9	311.6	301.0	293.8	289.5	287.6	288.2	292.7	300.3	304.9	302.6
62.5°	350.5	333.8	322.1	313.6	308.0	305.4	305.8	311.2	320.5	327.8	327.5
65°	372.8	354.5	342.5	333.2	326.5	323.6	323.8	329.4	340.3	350.4	352.3
67.5°	392.8	373.8	362.2	353.0	345.7	341.9	341.7	347.3	359.5	372.6	377.0
70°	411.1	392.8	381.6	372.1	363.3	357.5	355.6	359.7	370.8	382.6	383.0
72.5°	428.5	409.2	395.5	385.1	375.9	368.9	365.8	368.9	379.5	390.6	386.9
75°	443.6	424.2	408.7	397.7	388.3	380.4	376.0	378.2	388.4	399.3	391.1
77.5°	456.9	438.8	421.7	410.1	400.6	392.0	386.2	387.6	397.5	408.5	395.7
80°	468.6	452.9	434.4	422.1	412.6	403.5	396.4	397.1	406.8	418.2	400.4
82.5°	479.1	466.5	446.9	433.9	424.5	415.1	406.6	406.7	416.4	428.1	406.4
85°	488.6	479.6	459.1	445.4	436.1	426.9	416.9	416.2	425.8	438.7	410.5
87.5°	497.5	492.4	471.1	456.8	447.7	438.0	427.1	426.2	436.0	448.3	414.6
90°	505.9	504.0	482.4	467.7	458.9	449.1	437.3	436.3	446.1	457.9	418.7
92.5°	497.5	492.4	471.1	456.8	447.7	438.0	427.1	426.2	436.0	448.3	414.6
95°	488.6	479.6	459.1	445.4	436.1	426.9	416.9	416.2	425.8	438.7	410.5
97.5°	479.1	466.5	446.9	433.9	424.5	415.1	406.6	406.7	416.4	428.1	406.4
100°	468.6	452.9	434.4	422.1	412.6	403.5	396.4	397.1	406.8	418.2	400.4
102.5°	456.9	438.8	421.7	410.1	400.6	392.0	386.2	387.6	397.5	408.5	395.7
105°	443.6	424.2	408.7	397.7	388.3	380.4	376.0	378.2	388.4	399.3	391.1
107.5°	428.5	409.2	395.5	385.1	375.9	368.9	365.8	368.9	379.5	390.6	386.9
110°	411.1	392.8	381.6	372.1	363.3	357.5	355.6	359.7	370.8	382.6	383.0



TEST NUMBER: P232025

CATALOG NUMBER: FVS4WM-3-LD4-35-1HI-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
112.5°	392.8	373.8	362.2	353.0	345.7	341.9	341.7	347.3	359.5	372.6	377.0
115°	372.8	354.5	342.5	333.2	326.5	323.6	323.8	329.4	340.3	350.4	352.3
117.5°	350.5	333.8	322.1	313.6	308.0	305.4	305.8	311.2	320.5	327.8	327.5
120°	326.9	311.6	301.0	293.8	289.5	287.6	288.2	292.7	300.3	304.9	302.6
122.5°	303.8	289.4	279.6	273.9	270.7	269.5	270.5	274.0	279.3	281.5	277.5
125°	278.8	266.9	259.0	254.2	251.9	251.2	252.2	254.6	257.3	257.7	252.4
127.5°	253.7	243.6	238.4	235.1	233.3	232.7	233.4	234.2	234.5	233.1	227.1
130°	232.3	221.9	217.7	215.9	214.7	214.0	213.8	212.8	211.0	207.7	201.7
132.5°	218.0	210.7	204.7	200.5	197.0	194.7	193.2	190.3	186.7	182.1	176.0
135°	206.5	199.6	194.8	190.8	187.4	184.4	180.1	174.6	168.1	161.0	153.4
137.5°	194.5	189.1	184.4	180.9	177.9	175.1	170.6	165.2	158.9	151.6	144.0
140°	182.8	177.7	174.1	170.7	168.4	165.2	161.3	155.6	149.2	141.9	134.4
142.5°	170.6	166.7	163.2	161.0	159.1	155.6	151.5	145.8	139.2	132.0	124.6
145°	158.6	155.2	153.0	151.2	148.9	146.2	141.3	136.2	128.9	121.9	114.7
147.5°	146.5	144.5	143.1	141.4	139.4	135.9	130.9	125.0	118.4	111.5	104.5
150°	135.5	134.4	133.3	131.8	129.5	125.0	120.2	113.9	107.9	100.8	94.2
152.5°	125.3	124.6	123.7	122.1	118.1	113.9	108.4	102.4	96.3	89.9	83.3
155°	117.9	116.4	114.2	110.3	106.6	101.7	96.2	90.6	84.7	78.8	72.2
157.5°	110.1	107.2	103.7	100.2	95.5	90.4	85.1	79.6	73.9	67.9	61.2
160°	99.1	96.1	92.9	88.8	84.5	80.1	75.3	70.4	65.4	59.7	53.9
162.5°	87.8	84.3	80.9	77.4	73.7	69.7	65.6	61.3	56.6	51.6	46.6
165°	74.7	72.0	69.6	66.0	62.7	59.3	55.8	51.9	47.8	43.7	39.4
167.5°	62.0	59.6	57.2	54.5	51.8	48.9	45.8	42.5	39.2	35.8	32.8
170°	49.1	47.2	45.3	43.0	40.7	38.3	35.8	33.3	30.7	28.5	26.4
172.5°	36.0	34.5	33.0	31.4	29.7	27.9	26.1	24.5	23.0	21.4	19.8
175°	23.0	22.1	21.1	20.2	19.3	18.4	17.4	16.4	15.4	14.3	13.3
177.5°	11.4	11.0	10.6	10.1	9.7	9.2	8.7	8.2	7.7	7.2	6.7
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: P232025

CATALOG NUMBER: FVS4WM-3-LD4-35-1HI-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°	6.1	5.5	4.9	4.4	4.3	4.3	4.3	4.2	4.2	4.1	4.0
5°	12.2	11.0	9.9	8.7	8.6	8.5	8.4	8.3	8.1	8.0	7.8
7.5°	18.2	16.5	14.8	13.1	12.9	12.7	12.5	12.2	11.9	11.7	11.4
10°	24.2	22.0	19.7	17.4	17.1	16.8	16.4	16.0	15.6	15.2	14.8
12.5°	30.1	27.4	24.6	21.8	21.3	20.8	20.2	19.6	19.1	18.7	18.2
15°	36.1	32.8	29.5	26.1	25.4	24.7	23.9	23.2	22.6	22.1	21.5
17.5°	41.9	38.2	34.4	30.5	29.6	28.6	27.5	26.8	26.1	25.4	24.7
20°	47.9	43.5	39.2	34.8	33.6	32.4	31.1	30.3	29.5	28.7	28.1
22.5°	54.4	48.9	44.1	39.2	37.7	36.1	34.7	33.8	32.8	32.0	31.3
25°	65.2	59.1	54.4	49.6	48.2	46.7	45.5	44.3	42.9	41.4	39.7
27.5°	76.2	69.4	64.7	59.9	58.9	57.7	56.9	56.0	54.7	53.1	50.9
30°	86.8	79.4	74.9	70.3	69.7	68.9	68.6	68.1	66.6	64.9	61.5
32.5°	97.2	89.7	85.0	80.6	80.5	80.3	80.5	80.1	78.5	75.8	71.5
35°	107.3	99.9	95.1	91.0	91.4	91.8	92.6	92.1	90.4	86.2	81.0
37.5°	117.2	109.9	105.0	101.3	102.4	103.5	104.8	104.1	102.4	96.1	89.7
40°	126.9	119.7	114.9	111.7	113.5	115.3	117.3	116.1	112.7	105.6	97.8
42.5°	136.3	129.4	124.6	122.0	124.6	127.2	129.8	128.2	122.9	115.1	105.4
45°	145.7	139.0	134.3	132.4	135.7	139.2	141.9	140.2	132.9	123.2	112.6
47.5°	166.7	157.2	149.0	143.4	143.6	144.8	145.5	143.5	135.2	125.8	115.9
50°	189.5	176.3	164.0	154.4	151.2	149.7	147.9	144.1	134.9	125.1	115.4
52.5°	212.9	195.8	179.2	165.4	158.6	154.2	150.1	144.2	134.5	124.7	115.5
55°	236.9	215.8	194.7	176.4	165.7	158.4	152.0	144.3	134.3	124.6	116.2
57.5°	261.3	236.2	210.4	187.4	172.6	162.3	153.6	144.5	134.3	124.9	117.3
60°	286.1	256.8	226.3	198.4	179.4	165.8	155.1	144.8	134.6	125.8	119.2
62.5°	311.3	277.8	242.3	209.4	186.0	169.2	156.4	145.1	135.0	127.1	122.1
65°	336.7	298.9	258.5	220.4	192.4	172.3	157.6	145.5	135.6	128.7	125.5
67.5°	362.4	320.3	274.8	231.4	198.7	175.2	158.6	145.9	136.5	130.6	129.3
70°	365.3	320.8	274.1	230.2	197.1	173.7	157.2	144.8	135.7	130.6	130.7
72.5°	366.4	320.4	273.1	229.0	195.6	172.1	155.7	143.6	134.7	129.8	130.2
75°	367.3	319.9	273.6	227.8	194.0	170.6	154.4	142.6	133.7	129.0	129.6
77.5°	368.0	319.2	272.0	226.6	192.6	169.2	153.1	141.6	132.7	128.3	128.9
80°	368.5	319.8	270.3	225.4	191.2	167.9	151.9	140.7	131.9	127.7	128.1
82.5°	370.0	318.1	268.7	224.2	189.9	166.7	150.8	140.0	131.2	127.1	127.2
85°	369.2	316.3	267.1	223.0	188.6	165.6	149.8	139.3	130.5	126.5	126.3
87.5°	368.5	314.6	265.4	221.8	187.4	164.6	148.9	138.8	129.9	126.0	125.4
90°	367.7	312.8	263.8	220.6	186.3	163.7	148.1	138.3	129.4	125.5	124.5
92.5°	368.5	314.6	265.4	221.8	187.4	164.6	148.9	138.8	129.9	126.0	125.4
95°	369.2	316.3	267.1	223.0	188.6	165.6	149.8	139.3	130.5	126.5	126.3
97.5°	370.0	318.1	268.7	224.2	189.9	166.7	150.8	140.0	131.2	127.1	127.2
100°	368.5	319.8	270.3	225.4	191.2	167.9	151.9	140.7	131.9	127.7	128.1
102.5°	368.0	319.2	272.0	226.6	192.6	169.2	153.1	141.6	132.7	128.3	128.9
105°	367.3	319.9	273.6	227.8	194.0	170.6	154.4	142.6	133.7	129.0	129.6
107.5°	366.4	320.4	273.1	229.0	195.6	172.1	155.7	143.6	134.7	129.8	130.2
110°	365.3	320.8	274.1	230.2	197.1	173.7	157.2	144.8	135.7	130.6	130.7



TEST NUMBER: P232025

CATALOG NUMBER: FVS4WM-3-LD4-35-1HI-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°	362.4	320.3	274.8	231.4	198.7	175.2	158.6	145.9	136.5	130.6	129.3
115°	336.7	298.9	258.5	220.4	192.4	172.3	157.6	145.5	135.6	128.7	125.5
117.5°	311.3	277.8	242.3	209.4	186.0	169.2	156.4	145.1	135.0	127.1	122.1
120°	286.1	256.8	226.3	198.4	179.4	165.8	155.1	144.8	134.6	125.8	119.2
122.5°	261.3	236.2	210.4	187.4	172.6	162.3	153.6	144.5	134.3	124.9	117.3
125°	236.9	215.8	194.7	176.4	165.7	158.4	152.0	144.3	134.3	124.6	116.2
127.5°	212.9	195.8	179.2	165.4	158.6	154.2	150.1	144.2	134.5	124.7	115.5
130°	189.5	176.3	164.0	154.4	151.2	149.7	147.9	144.1	134.9	125.1	115.4
132.5°	166.7	157.2	149.0	143.4	143.6	144.8	145.5	143.5	135.2	125.8	115.9
135°	145.7	139.0	134.3	132.4	135.7	139.2	141.9	140.2	132.9	123.2	112.6
137.5°	136.3	129.4	124.6	122.0	124.6	127.2	129.8	128.2	122.9	115.1	105.4
140°	126.9	119.7	114.9	111.7	113.5	115.3	117.3	116.1	112.7	105.6	97.8
142.5°	117.2	109.9	105.0	101.3	102.4	103.5	104.8	104.1	102.4	96.1	89.7
145°	107.3	99.9	95.1	91.0	91.4	91.8	92.6	92.1	90.4	86.2	81.0
147.5°	97.2	89.7	85.0	80.6	80.5	80.3	80.5	80.1	78.5	75.8	71.5
150°	86.8	79.4	74.9	70.3	69.7	68.9	68.6	68.1	66.6	64.9	61.5
152.5°	76.2	69.4	64.7	59.9	58.9	57.7	56.9	56.0	54.7	53.1	50.9
155°	65.2	59.1	54.4	49.6	48.2	46.7	45.5	44.3	42.9	41.4	39.7
157.5°	54.4	48.9	44.1	39.2	37.7	36.1	34.7	33.8	32.8	32.0	31.3
160°	47.9	43.5	39.2	34.8	33.6	32.4	31.1	30.3	29.5	28.7	28.1
162.5°	41.9	38.2	34.4	30.5	29.6	28.6	27.5	26.8	26.1	25.4	24.7
165°	36.1	32.8	29.5	26.1	25.4	24.7	23.9	23.2	22.6	22.1	21.5
167.5°	30.1	27.4	24.6	21.8	21.3	20.8	20.2	19.6	19.1	18.7	18.2
170°	24.2	22.0	19.7	17.4	17.1	16.8	16.4	16.0	15.6	15.2	14.8
172.5°	18.2	16.5	14.8	13.1	12.9	12.7	12.5	12.2	11.9	11.7	11.4
175°	12.2	11.0	9.9	8.7	8.6	8.5	8.4	8.3	8.1	8.0	7.8
177.5°	6.1	5.5	4.9	4.4	4.3	4.3	4.3	4.2	4.2	4.1	4.0
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: P232025

CATALOG NUMBER: FVS4WM-3-LD4-35-1HI-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°	4.0	3.9	3.8	3.7	3.6	3.5	3.4	3.2	3.1	3.0	2.9
5°	7.6	7.4	7.2	7.0	6.8	6.6	6.4	6.2	5.9	5.7	5.4
7.5°	11.1	10.8	10.5	10.2	9.9	9.6	9.3	8.9	8.6	8.2	7.8
10°	14.5	14.1	13.7	13.3	12.9	12.5	12.1	11.6	11.2	10.8	10.3
12.5°	17.7	17.2	16.8	16.3	15.9	15.4	14.9	14.4	13.8	13.2	12.6
15°	20.9	20.4	19.9	19.4	18.8	18.2	17.6	16.9	16.3	15.6	14.8
17.5°	24.2	23.6	23.0	22.4	21.7	21.0	20.2	19.3	18.4	17.5	16.5
20°	27.4	26.8	26.0	25.3	24.5	23.5	22.4	21.3	20.3	19.2	18.1
22.5°	30.6	29.8	29.0	28.0	26.8	25.6	24.4	23.2	22.0	20.8	19.7
25°	37.6	35.3	32.9	30.4	29.0	27.6	26.2	24.9	23.8	22.7	21.5
27.5°	48.1	45.2	41.8	38.5	35.3	32.2	29.3	26.9	25.7	24.2	22.7
30°	58.0	53.9	49.8	45.8	42.0	38.5	35.5	32.4	29.2	26.2	23.9
32.5°	66.9	61.9	57.0	52.3	48.0	44.3	40.6	36.9	33.4	30.4	27.5
35°	75.1	69.2	63.5	58.1	53.6	49.2	44.8	40.8	37.2	34.0	31.4
37.5°	82.7	75.8	69.1	63.7	58.4	53.3	48.6	44.4	40.6	37.5	34.5
40°	89.7	81.8	74.7	68.5	62.6	57.0	52.0	47.6	43.9	40.4	37.0
42.5°	96.2	87.1	79.8	72.9	66.3	60.4	55.0	50.6	46.5	42.7	39.2
45°	102.2	92.6	84.4	76.8	69.7	63.2	58.0	53.2	48.8	44.7	40.9
47.5°	106.0	97.4	88.7	80.4	72.8	66.2	60.5	55.5	50.7	46.2	42.3
50°	106.1	98.8	91.5	84.1	76.3	69.1	62.9	57.4	52.2	47.6	43.4
52.5°	107.6	101.2	95.3	89.0	82.2	75.1	67.7	60.4	53.5	48.7	44.2
55°	109.9	104.9	100.1	95.1	88.6	81.2	73.3	65.2	58.1	51.3	45.1
57.5°	112.8	109.5	106.1	101.9	95.5	87.3	78.5	70.0	62.1	54.5	48.3
60°	116.5	114.9	113.0	108.9	102.1	93.2	83.5	74.4	65.6	57.8	51.1
62.5°	120.9	121.1	120.8	116.4	108.6	98.7	88.3	78.4	68.6	60.9	53.4
65°	126.2	128.0	129.3	124.3	115.1	104.1	93.0	82.0	71.8	63.6	55.4
67.5°	131.9	135.5	137.0	131.9	121.8	109.4	97.4	85.2	75.1	66.2	57.9
70°	134.7	140.2	142.8	138.4	127.8	114.6	101.7	88.3	78.3	68.6	60.3
72.5°	134.0	139.4	141.6	137.4	128.3	116.5	103.8	91.1	81.3	71.2	62.8
75°	133.1	138.6	140.7	137.2	128.9	117.4	104.4	91.9	81.3	71.9	63.9
77.5°	132.0	137.6	140.1	137.7	130.0	118.6	105.4	92.7	81.6	72.1	64.0
80°	130.7	136.6	139.8	138.6	131.7	120.3	106.8	93.6	82.0	72.6	64.4
82.5°	129.2	135.4	139.6	140.0	133.9	122.3	108.6	94.7	82.8	73.3	65.2
85°	127.7	134.2	139.5	141.6	136.4	124.6	110.9	96.1	83.9	74.4	66.3
87.5°	126.1	132.9	139.4	143.3	139.2	127.3	113.6	97.8	85.4	75.8	67.8
90°	124.5	131.4	139.2	145.1	142.2	130.4	116.7	100.0	87.3	77.5	69.6
92.5°	126.1	132.9	139.4	143.3	139.2	127.3	113.6	97.8	85.4	75.8	67.8
95°	127.7	134.2	139.5	141.6	136.4	124.6	110.9	96.1	83.9	74.4	66.3
97.5°	129.2	135.4	139.6	140.0	133.9	122.3	108.6	94.7	82.8	73.3	65.2
100°	130.7	136.6	139.8	138.6	131.7	120.3	106.8	93.6	82.0	72.6	64.4
102.5°	132.0	137.6	140.1	137.7	130.0	118.6	105.4	92.7	81.6	72.1	64.0
105°	133.1	138.6	140.7	137.2	128.9	117.4	104.4	91.9	81.3	71.9	63.9
107.5°	134.0	139.4	141.6	137.4	128.3	116.5	103.8	91.1	81.3	71.2	62.8
110°	134.7	140.2	142.8	138.4	127.8	114.6	101.7	88.3	78.3	68.6	60.3



TEST NUMBER: P232025

CATALOG NUMBER: FVS4WM-3-LD4-35-1HI-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
112.5°	131.9	135.5	137.0	131.9	121.8	109.4	97.4	85.2	75.1	66.2	57.9
115°	126.2	128.0	129.3	124.3	115.1	104.1	93.0	82.0	71.8	63.6	55.4
117.5°	120.9	121.1	120.8	116.4	108.6	98.7	88.3	78.4	68.6	60.9	53.4
120°	116.5	114.9	113.0	108.9	102.1	93.2	83.5	74.4	65.6	57.8	51.1
122.5°	112.8	109.5	106.1	101.9	95.5	87.3	78.5	70.0	62.1	54.5	48.3
125°	109.9	104.9	100.1	95.1	88.6	81.2	73.3	65.2	58.1	51.3	45.1
127.5°	107.6	101.2	95.3	89.0	82.2	75.1	67.7	60.4	53.5	48.7	44.2
130°	106.1	98.8	91.5	84.1	76.3	69.1	62.9	57.4	52.2	47.6	43.4
132.5°	106.0	97.4	88.7	80.4	72.8	66.2	60.5	55.5	50.7	46.2	42.3
135°	102.2	92.6	84.4	76.8	69.7	63.2	58.0	53.2	48.8	44.7	40.9
137.5°	96.2	87.1	79.8	72.9	66.3	60.4	55.0	50.6	46.5	42.7	39.2
140°	89.7	81.8	74.7	68.5	62.6	57.0	52.0	47.6	43.9	40.4	37.0
142.5°	82.7	75.8	69.1	63.7	58.4	53.3	48.6	44.4	40.6	37.5	34.5
145°	75.1	69.2	63.5	58.1	53.6	49.2	44.8	40.8	37.2	34.0	31.4
147.5°	66.9	61.9	57.0	52.3	48.0	44.3	40.6	36.9	33.4	30.4	27.5
150°	58.0	53.9	49.8	45.8	42.0	38.5	35.5	32.4	29.2	26.2	23.9
152.5°	48.1	45.2	41.8	38.5	35.3	32.2	29.3	26.9	25.7	24.2	22.7
155°	37.6	35.3	32.9	30.4	29.0	27.6	26.2	24.9	23.8	22.7	21.5
157.5°	30.6	29.8	29.0	28.0	26.8	25.6	24.4	23.2	22.0	20.8	19.7
160°	27.4	26.8	26.0	25.3	24.5	23.5	22.4	21.3	20.3	19.2	18.1
162.5°	24.2	23.6	23.0	22.4	21.7	21.0	20.2	19.3	18.4	17.5	16.5
165°	20.9	20.4	19.9	19.4	18.8	18.2	17.6	16.9	16.3	15.6	14.8
167.5°	17.7	17.2	16.8	16.3	15.9	15.4	14.9	14.4	13.8	13.2	12.6
170°	14.5	14.1	13.7	13.3	12.9	12.5	12.1	11.6	11.2	10.8	10.3
172.5°	11.1	10.8	10.5	10.2	9.9	9.6	9.3	8.9	8.6	8.2	7.8
175°	7.6	7.4	7.2	7.0	6.8	6.6	6.4	6.2	5.9	5.7	5.4
177.5°	4.0	3.9	3.8	3.7	3.6	3.5	3.4	3.2	3.1	3.0	2.9
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: P232025

CATALOG NUMBER: FVS4WM-3-LD4-35-1HI-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°	2.7	2.6	2.4	2.3	2.1	2.0	1.8	1.7	1.5	1.4	1.2
5°	5.2	4.9	4.6	4.3	4.1	3.8	3.5	3.2	2.9	2.6	2.2
7.5°	7.5	7.1	6.7	6.3	5.9	5.5	5.1	4.6	4.2	3.7	3.3
10°	9.8	9.3	8.8	8.2	7.7	7.2	6.6	6.0	5.4	4.9	4.3
12.5°	12.0	11.4	10.7	10.1	9.4	8.6	7.9	7.2	6.5	5.8	5.1
15°	14.0	13.1	12.3	11.5	10.7	9.9	9.0	8.2	7.4	6.6	5.7
17.5°	15.6	14.7	13.7	12.8	11.9	10.9	10.1	9.2	8.3	7.4	6.5
20°	17.1	16.0	15.1	14.1	13.2	12.2	11.2	10.1	9.1	8.0	7.0
22.5°	18.7	17.7	16.6	15.4	14.2	13.0	11.9	10.8	9.7	8.6	7.6
25°	20.2	18.8	17.5	16.2	15.1	13.9	12.8	11.6	10.6	9.5	8.3
27.5°	21.2	19.9	18.7	17.4	16.3	15.2	14.1	13.0	11.7	10.4	9.1
30°	22.6	21.3	20.2	19.1	18.0	16.6	15.3	13.9	12.5	11.2	9.9
32.5°	25.2	23.3	22.1	20.6	19.1	17.7	16.5	15.1	13.8	12.3	10.7
35°	28.9	26.3	23.8	22.0	20.7	19.4	17.8	16.2	14.5	12.9	11.4
37.5°	31.6	28.9	26.5	24.4	22.1	20.4	18.7	17.2	15.7	14.1	12.4
40°	34.0	31.3	28.7	26.1	23.8	21.9	20.3	18.5	16.6	14.8	12.9
42.5°	36.0	33.0	30.1	27.7	25.6	23.4	21.3	19.3	17.3	15.3	13.4
45°	37.5	34.3	31.5	29.0	26.5	24.1	21.9	20.0	18.2	16.4	14.6
47.5°	38.6	35.4	32.4	29.6	26.9	24.4	22.5	21.0	19.3	16.8	14.4
50°	39.5	36.1	33.0	29.8	26.9	24.9	22.9	20.6	18.6	17.0	14.8
52.5°	40.2	36.7	32.9	29.7	27.1	24.6	22.0	20.1	18.5	16.7	14.6
55°	40.8	36.5	32.7	29.6	26.5	23.7	21.6	19.7	17.8	15.9	14.4
57.5°	42.3	36.3	32.4	28.9	25.7	23.3	21.2	19.1	17.2	15.5	13.7
60°	44.3	38.5	33.0	28.1	25.3	23.0	20.8	18.6	16.6	14.7	12.8
62.5°	46.5	40.4	34.6	29.8	25.7	22.8	20.2	18.0	16.0	13.9	12.0
65°	48.6	42.1	36.4	31.6	27.4	23.2	19.7	17.6	15.5	13.7	12.0
67.5°	50.7	43.9	38.3	33.2	28.4	24.1	20.6	17.5	15.6	13.8	11.1
70°	52.7	45.9	40.1	34.4	29.3	25.1	21.6	18.5	16.0	12.8	10.4
72.5°	54.7	48.1	41.6	35.6	30.4	26.1	22.4	19.1	15.6	12.5	9.9
75°	56.4	50.2	42.9	36.7	31.5	27.2	23.0	19.1	15.5	12.3	8.8
77.5°	56.8	50.3	43.6	37.7	32.6	28.2	23.3	19.2	15.5	11.1	7.8
80°	57.5	50.7	44.2	38.3	33.1	28.2	23.5	19.5	15.0	9.8	6.6
82.5°	58.4	51.4	45.1	39.1	33.6	28.1	23.3	19.1	14.0	9.1	5.3
85°	59.5	52.6	46.4	40.1	34.2	28.1	23.4	18.9	13.3	8.6	4.5
87.5°	61.0	54.0	48.0	41.4	35.1	28.6	23.8	19.1	13.2	8.5	4.4
90°	62.8	55.9	50.0	43.1	36.3	29.4	24.5	19.6	13.7	8.8	4.9
92.5°	61.0	54.0	48.0	41.4	35.1	28.6	23.8	19.1	13.2	8.5	4.4
95°	59.5	52.6	46.4	40.1	34.2	28.1	23.4	18.9	13.3	8.6	4.5
97.5°	58.4	51.4	45.1	39.1	33.6	28.1	23.3	19.1	14.0	9.1	5.3
100°	57.5	50.7	44.2	38.3	33.1	28.2	23.5	19.5	15.0	9.8	6.6
102.5°	56.8	50.3	43.6	37.7	32.6	28.2	23.3	19.2	15.5	11.1	7.8
105°	56.4	50.2	42.9	36.7	31.5	27.2	23.0	19.1	15.5	12.3	8.8
107.5°	54.7	48.1	41.6	35.6	30.4	26.1	22.4	19.1	15.6	12.5	9.9
110°	52.7	45.9	40.1	34.4	29.3	25.1	21.6	18.5	16.0	12.8	10.4



TEST NUMBER: P232025

CATALOG NUMBER: FVS4WM-3-LD4-35-1HI-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°	50.7	43.9	38.3	33.2	28.4	24.1	20.6	17.5	15.6	13.8	11.1
115°	48.6	42.1	36.4	31.6	27.4	23.2	19.7	17.6	15.5	13.7	12.0
117.5°	46.5	40.4	34.6	29.8	25.7	22.8	20.2	18.0	16.0	13.9	12.0
120°	44.3	38.5	33.0	28.1	25.3	23.0	20.8	18.6	16.6	14.7	12.8
122.5°	42.3	36.3	32.4	28.9	25.7	23.3	21.2	19.1	17.2	15.5	13.7
125°	40.8	36.5	32.7	29.6	26.5	23.7	21.6	19.7	17.8	15.9	14.4
127.5°	40.2	36.7	32.9	29.7	27.1	24.6	22.0	20.1	18.5	16.7	14.6
130°	39.5	36.1	33.0	29.8	26.9	24.9	22.9	20.6	18.6	17.0	14.8
132.5°	38.6	35.4	32.4	29.6	26.9	24.4	22.5	21.0	19.3	16.8	14.4
135°	37.5	34.3	31.5	29.0	26.5	24.1	21.9	20.0	18.2	16.4	14.6
137.5°	36.0	33.0	30.1	27.7	25.6	23.4	21.3	19.3	17.3	15.3	13.4
140°	34.0	31.3	28.7	26.1	23.8	21.9	20.3	18.5	16.6	14.8	12.9
142.5°	31.6	28.9	26.5	24.4	22.1	20.4	18.7	17.2	15.7	14.1	12.4
145°	28.9	26.3	23.8	22.0	20.7	19.4	17.8	16.2	14.5	12.9	11.4
147.5°	25.2	23.3	22.1	20.6	19.1	17.7	16.5	15.1	13.8	12.3	10.7
150°	22.6	21.3	20.2	19.1	18.0	16.6	15.3	13.9	12.5	11.2	9.9
152.5°	21.2	19.9	18.7	17.4	16.3	15.2	14.1	13.0	11.7	10.4	9.1
155°	20.2	18.8	17.5	16.2	15.1	13.9	12.8	11.6	10.6	9.5	8.3
157.5°	18.7	17.7	16.6	15.4	14.2	13.0	11.9	10.8	9.7	8.6	7.6
160°	17.1	16.0	15.1	14.1	13.2	12.2	11.2	10.1	9.1	8.0	7.0
162.5°	15.6	14.7	13.7	12.8	11.9	10.9	10.1	9.2	8.3	7.4	6.5
165°	14.0	13.1	12.3	11.5	10.7	9.9	9.0	8.2	7.4	6.6	5.7
167.5°	12.0	11.4	10.7	10.1	9.4	8.6	7.9	7.2	6.5	5.8	5.1
170°	9.8	9.3	8.8	8.2	7.7	7.2	6.6	6.0	5.4	4.9	4.3
172.5°	7.5	7.1	6.7	6.3	5.9	5.5	5.1	4.6	4.2	3.7	3.3
175°	5.2	4.9	4.6	4.3	4.1	3.8	3.5	3.2	2.9	2.6	2.2
177.5°	2.7	2.6	2.4	2.3	2.1	2.0	1.8	1.7	1.5	1.4	1.2
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: P232025

CATALOG NUMBER: FVS4WM-3-LD4-35-1HI-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°	1.0	0.9	0.7	0.5	0.3	0.2	0.0	0.2	0.3	0.5	0.7
5°	1.9	1.6	1.3	1.0	0.6	0.3	0.0	0.3	0.6	1.0	1.3
7.5°	2.8	2.4	1.9	1.4	0.9	0.5	0.0	0.5	0.9	1.4	1.9
10°	3.7	3.1	2.5	1.8	1.2	0.6	0.0	0.6	1.2	1.8	2.5
12.5°	4.3	3.6	2.9	2.2	1.4	0.7	0.0	0.7	1.4	2.2	2.9
15°	4.9	4.1	3.3	2.5	1.6	0.8	0.0	0.8	1.6	2.5	3.3
17.5°	5.5	4.6	3.7	2.8	1.9	0.9	0.0	0.9	1.9	2.8	3.7
20°	6.0	5.0	4.0	3.0	2.0	1.0	0.0	1.0	2.0	3.0	4.0
22.5°	6.5	5.4	4.3	3.2	2.2	1.1	0.0	1.1	2.2	3.2	4.3
25°	7.2	6.0	4.8	3.6	2.4	1.2	0.0	1.2	2.4	3.6	4.8
27.5°	7.8	6.5	5.2	3.9	2.6	1.3	0.0	1.3	2.6	3.9	5.2
30°	8.5	7.2	5.8	4.3	2.9	1.4	0.0	1.4	2.9	4.3	5.8
32.5°	9.2	7.7	6.1	4.6	3.1	1.5	0.0	1.5	3.1	4.6	6.1
35°	9.9	8.3	6.7	5.0	3.4	1.7	0.0	1.7	3.4	5.0	6.7
37.5°	10.6	8.8	7.0	5.3	3.5	1.8	0.0	1.8	3.5	5.3	7.0
40°	11.0	9.2	7.3	5.5	3.7	1.8	0.0	1.8	3.7	5.5	7.3
42.5°	11.6	9.8	7.9	5.9	4.0	2.0	0.0	2.0	4.0	5.9	7.9
45°	12.3	10.1	8.0	5.9	3.9	2.0	0.0	2.0	3.9	5.9	8.0
47.5°	12.2	10.2	8.1	6.1	4.1	2.0	0.0	2.0	4.1	6.1	8.1
50°	12.6	10.3	8.1	6.0	3.9	2.0	0.0	2.0	3.9	6.0	8.1
52.5°	12.2	10.1	8.0	6.0	4.0	2.0	0.0	2.0	4.0	6.0	8.0
55°	12.4	10.1	7.9	5.8	3.8	1.9	0.0	1.9	3.8	5.8	7.9
57.5°	11.9	9.6	7.4	5.4	3.5	1.7	0.0	1.7	3.5	5.4	7.4
60°	10.9	8.9	7.0	5.2	3.4	1.7	0.0	1.7	3.4	5.2	7.0
62.5°	10.4	8.8	6.7	4.8	3.0	1.5	0.0	1.5	3.0	4.8	6.7
65°	9.8	7.7	5.8	4.0	2.5	1.2	0.0	1.2	2.5	4.0	5.8
67.5°	8.8	6.7	4.8	3.4	2.2	1.1	0.0	1.1	2.2	3.4	4.8
70°	8.1	6.0	4.2	2.7	1.8	1.3	1.0	1.3	1.8	2.7	4.2
72.5°	7.2	5.1	3.2	2.0	1.7	1.4	1.0	1.4	1.7	2.0	3.2
75°	6.6	4.4	2.7	1.8	1.3	1.0	1.0	1.0	1.3	1.8	2.7
77.5°	5.4	3.0	1.6	0.8	0.4	0.1	0.0	0.1	0.4	0.8	1.6
80°	3.5	1.7	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6
82.5°	2.3	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	1.7	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	1.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	1.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	1.7	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	2.3	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	3.5	1.7	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6
102.5°	5.4	3.0	1.6	0.8	0.4	0.1	0.0	0.1	0.4	0.8	1.6
105°	6.6	4.4	2.7	1.8	1.3	1.0	1.0	1.0	1.3	1.8	2.7
107.5°	7.2	5.1	3.2	2.0	1.7	1.4	1.0	1.4	1.7	2.0	3.2
110°	8.1	6.0	4.2	2.7	1.8	1.3	1.0	1.3	1.8	2.7	4.2



TEST NUMBER: P232025

CATALOG NUMBER: FVS4WM-3-LD4-35-1HI-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
112.5°	8.8	6.7	4.8	3.4	2.2	1.1	0.0	1.1	2.2	3.4	4.8
115°	9.8	7.7	5.8	4.0	2.5	1.2	0.0	1.2	2.5	4.0	5.8
117.5°	10.4	8.8	6.7	4.8	3.0	1.5	0.0	1.5	3.0	4.8	6.7
120°	10.9	8.9	7.0	5.2	3.4	1.7	0.0	1.7	3.4	5.2	7.0
122.5°	11.9	9.6	7.4	5.4	3.5	1.7	0.0	1.7	3.5	5.4	7.4
125°	12.4	10.1	7.9	5.8	3.8	1.9	0.0	1.9	3.8	5.8	7.9
127.5°	12.2	10.1	8.0	6.0	4.0	2.0	0.0	2.0	4.0	6.0	8.0
130°	12.6	10.3	8.1	6.0	3.9	2.0	0.0	2.0	3.9	6.0	8.1
132.5°	12.2	10.2	8.1	6.1	4.1	2.0	0.0	2.0	4.1	6.1	8.1
135°	12.3	10.1	8.0	5.9	3.9	2.0	0.0	2.0	3.9	5.9	8.0
137.5°	11.6	9.8	7.9	5.9	4.0	2.0	0.0	2.0	4.0	5.9	7.9
140°	11.0	9.2	7.3	5.5	3.7	1.8	0.0	1.8	3.7	5.5	7.3
142.5°	10.6	8.8	7.0	5.3	3.5	1.8	0.0	1.8	3.5	5.3	7.0
145°	9.9	8.3	6.7	5.0	3.4	1.7	0.0	1.7	3.4	5.0	6.7
147.5°	9.2	7.7	6.1	4.6	3.1	1.5	0.0	1.5	3.1	4.6	6.1
150°	8.5	7.2	5.8	4.3	2.9	1.4	0.0	1.4	2.9	4.3	5.8
152.5°	7.8	6.5	5.2	3.9	2.6	1.3	0.0	1.3	2.6	3.9	5.2
155°	7.2	6.0	4.8	3.6	2.4	1.2	0.0	1.2	2.4	3.6	4.8
157.5°	6.5	5.4	4.3	3.2	2.2	1.1	0.0	1.1	2.2	3.2	4.3
160°	6.0	5.0	4.0	3.0	2.0	1.0	0.0	1.0	2.0	3.0	4.0
162.5°	5.5	4.6	3.7	2.8	1.9	0.9	0.0	0.9	1.9	2.8	3.7
165°	4.9	4.1	3.3	2.5	1.6	0.8	0.0	0.8	1.6	2.5	3.3
167.5°	4.3	3.6	2.9	2.2	1.4	0.7	0.0	0.7	1.4	2.2	2.9
170°	3.7	3.1	2.5	1.8	1.2	0.6	0.0	0.6	1.2	1.8	2.5
172.5°	2.8	2.4	1.9	1.4	0.9	0.5	0.0	0.5	0.9	1.4	1.9
175°	1.9	1.6	1.3	1.0	0.6	0.3	0.0	0.3	0.6	1.0	1.3
177.5°	1.0	0.9	0.7	0.5	0.3	0.2	0.0	0.2	0.3	0.5	0.7
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: P232025

CATALOG NUMBER: FVS4WM-3-LD4-35-1HI-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°	0.9	1.0	1.2	1.4	1.5	1.7	1.8	2.0	2.1	2.3	2.4
5°	1.6	1.9	2.2	2.6	2.9	3.2	3.5	3.8	4.1	4.3	4.6
7.5°	2.4	2.8	3.3	3.7	4.2	4.6	5.1	5.5	5.9	6.3	6.7
10°	3.1	3.7	4.3	4.9	5.4	6.0	6.6	7.2	7.7	8.2	8.8
12.5°	3.6	4.3	5.1	5.8	6.5	7.2	7.9	8.6	9.4	10.1	10.7
15°	4.1	4.9	5.7	6.6	7.4	8.2	9.0	9.9	10.7	11.5	12.3
17.5°	4.6	5.5	6.5	7.4	8.3	9.2	10.1	10.9	11.9	12.8	13.7
20°	5.0	6.0	7.0	8.0	9.1	10.1	11.2	12.2	13.2	14.1	15.1
22.5°	5.4	6.5	7.6	8.6	9.7	10.8	11.9	13.0	14.2	15.4	16.6
25°	6.0	7.2	8.3	9.5	10.6	11.6	12.8	13.9	15.1	16.2	17.5
27.5°	6.5	7.8	9.1	10.4	11.7	13.0	14.1	15.2	16.3	17.4	18.7
30°	7.2	8.5	9.9	11.2	12.5	13.9	15.3	16.6	18.0	19.1	20.2
32.5°	7.7	9.2	10.7	12.3	13.8	15.1	16.5	17.7	19.1	20.6	22.1
35°	8.3	9.9	11.4	12.9	14.5	16.2	17.8	19.4	20.7	22.0	23.8
37.5°	8.8	10.6	12.4	14.1	15.7	17.2	18.7	20.4	22.1	24.4	26.5
40°	9.2	11.0	12.9	14.8	16.6	18.5	20.3	21.9	23.8	26.1	28.7
42.5°	9.8	11.6	13.4	15.3	17.3	19.3	21.3	23.4	25.6	27.7	30.1
45°	10.1	12.3	14.6	16.4	18.2	20.0	21.9	24.1	26.5	29.0	31.5
47.5°	10.2	12.2	14.4	16.8	19.3	21.0	22.5	24.4	26.9	29.6	32.4
50°	10.3	12.6	14.8	17.0	18.6	20.6	22.9	24.9	26.9	29.8	33.0
52.5°	10.1	12.2	14.6	16.7	18.5	20.1	22.0	24.6	27.1	29.7	32.9
55°	10.1	12.4	14.4	15.9	17.8	19.7	21.6	23.7	26.5	29.6	32.7
57.5°	9.6	11.9	13.7	15.5	17.2	19.1	21.2	23.3	25.7	28.9	32.4
60°	8.9	10.9	12.8	14.7	16.6	18.6	20.8	23.0	25.3	28.1	33.0
62.5°	8.8	10.4	12.0	13.9	16.0	18.0	20.2	22.8	25.7	29.8	34.6
65°	7.7	9.8	12.0	13.7	15.5	17.6	19.7	23.2	27.4	31.6	36.4
67.5°	6.7	8.8	11.1	13.8	15.6	17.5	20.6	24.1	28.4	33.2	38.3
70°	6.0	8.1	10.4	12.8	16.0	18.5	21.6	25.1	29.3	34.4	40.1
72.5°	5.1	7.2	9.9	12.5	15.6	19.1	22.4	26.1	30.4	35.6	41.6
75°	4.4	6.6	8.8	12.3	15.5	19.1	23.0	27.2	31.5	36.7	42.9
77.5°	3.0	5.4	7.8	11.1	15.5	19.2	23.3	28.2	32.6	37.7	43.6
80°	1.7	3.5	6.6	9.8	15.0	19.5	23.5	28.2	33.1	38.3	44.2
82.5°	0.8	2.3	5.3	9.1	14.0	19.1	23.3	28.1	33.6	39.1	45.1
85°	0.4	1.7	4.5	8.6	13.3	18.9	23.4	28.1	34.2	40.1	46.4
87.5°	0.1	1.2	4.4	8.5	13.2	19.1	23.8	28.6	35.1	41.4	48.0
90°	0.0	1.0	4.9	8.8	13.7	19.6	24.5	29.4	36.3	43.1	50.0
92.5°	0.1	1.2	4.4	8.5	13.2	19.1	23.8	28.6	35.1	41.4	48.0
95°	0.4	1.7	4.5	8.6	13.3	18.9	23.4	28.1	34.2	40.1	46.4
97.5°	0.8	2.3	5.3	9.1	14.0	19.1	23.3	28.1	33.6	39.1	45.1
100°	1.7	3.5	6.6	9.8	15.0	19.5	23.5	28.2	33.1	38.3	44.2
102.5°	3.0	5.4	7.8	11.1	15.5	19.2	23.3	28.2	32.6	37.7	43.6
105°	4.4	6.6	8.8	12.3	15.5	19.1	23.0	27.2	31.5	36.7	42.9
107.5°	5.1	7.2	9.9	12.5	15.6	19.1	22.4	26.1	30.4	35.6	41.6
110°	6.0	8.1	10.4	12.8	16.0	18.5	21.6	25.1	29.3	34.4	40.1



TEST NUMBER: P232025

CATALOG NUMBER: FVS4WM-3-LD4-35-1HI-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°	6.7	8.8	11.1	13.8	15.6	17.5	20.6	24.1	28.4	33.2	38.3
115°	7.7	9.8	12.0	13.7	15.5	17.6	19.7	23.2	27.4	31.6	36.4
117.5°	8.8	10.4	12.0	13.9	16.0	18.0	20.2	22.8	25.7	29.8	34.6
120°	8.9	10.9	12.8	14.7	16.6	18.6	20.8	23.0	25.3	28.1	33.0
122.5°	9.6	11.9	13.7	15.5	17.2	19.1	21.2	23.3	25.7	28.9	32.4
125°	10.1	12.4	14.4	15.9	17.8	19.7	21.6	23.7	26.5	29.6	32.7
127.5°	10.1	12.2	14.6	16.7	18.5	20.1	22.0	24.6	27.1	29.7	32.9
130°	10.3	12.6	14.8	17.0	18.6	20.6	22.9	24.9	26.9	29.8	33.0
132.5°	10.2	12.2	14.4	16.8	19.3	21.0	22.5	24.4	26.9	29.6	32.4
135°	10.1	12.3	14.6	16.4	18.2	20.0	21.9	24.1	26.5	29.0	31.5
137.5°	9.8	11.6	13.4	15.3	17.3	19.3	21.3	23.4	25.6	27.7	30.1
140°	9.2	11.0	12.9	14.8	16.6	18.5	20.3	21.9	23.8	26.1	28.7
142.5°	8.8	10.6	12.4	14.1	15.7	17.2	18.7	20.4	22.1	24.4	26.5
145°	8.3	9.9	11.4	12.9	14.5	16.2	17.8	19.4	20.7	22.0	23.8
147.5°	7.7	9.2	10.7	12.3	13.8	15.1	16.5	17.7	19.1	20.6	22.1
150°	7.2	8.5	9.9	11.2	12.5	13.9	15.3	16.6	18.0	19.1	20.2
152.5°	6.5	7.8	9.1	10.4	11.7	13.0	14.1	15.2	16.3	17.4	18.7
155°	6.0	7.2	8.3	9.5	10.6	11.6	12.8	13.9	15.1	16.2	17.5
157.5°	5.4	6.5	7.6	8.6	9.7	10.8	11.9	13.0	14.2	15.4	16.6
160°	5.0	6.0	7.0	8.0	9.1	10.1	11.2	12.2	13.2	14.1	15.1
162.5°	4.6	5.5	6.5	7.4	8.3	9.2	10.1	10.9	11.9	12.8	13.7
165°	4.1	4.9	5.7	6.6	7.4	8.2	9.0	9.9	10.7	11.5	12.3
167.5°	3.6	4.3	5.1	5.8	6.5	7.2	7.9	8.6	9.4	10.1	10.7
170°	3.1	3.7	4.3	4.9	5.4	6.0	6.6	7.2	7.7	8.2	8.8
172.5°	2.4	2.8	3.3	3.7	4.2	4.6	5.1	5.5	5.9	6.3	6.7
175°	1.6	1.9	2.2	2.6	2.9	3.2	3.5	3.8	4.1	4.3	4.6
177.5°	0.9	1.0	1.2	1.4	1.5	1.7	1.8	2.0	2.1	2.3	2.4
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: P232025

CATALOG NUMBER: FVS4WM-3-LD4-35-1HI-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°	2.6	2.7	2.9	3.0	3.1	3.2	3.4	3.5	3.6	3.7	3.8
5°	4.9	5.2	5.4	5.7	5.9	6.2	6.4	6.6	6.8	7.0	7.2
7.5°	7.1	7.5	7.8	8.2	8.6	8.9	9.3	9.6	9.9	10.2	10.5
10°	9.3	9.8	10.3	10.8	11.2	11.6	12.1	12.5	12.9	13.3	13.7
12.5°	11.4	12.0	12.6	13.2	13.8	14.4	14.9	15.4	15.9	16.3	16.8
15°	13.1	14.0	14.8	15.6	16.3	16.9	17.6	18.2	18.8	19.4	19.9
17.5°	14.7	15.6	16.5	17.5	18.4	19.3	20.2	21.0	21.7	22.4	23.0
20°	16.0	17.1	18.1	19.2	20.3	21.3	22.4	23.5	24.5	25.3	26.0
22.5°	17.7	18.7	19.7	20.8	22.0	23.2	24.4	25.6	26.8	28.0	29.0
25°	18.8	20.2	21.5	22.7	23.8	24.9	26.2	27.6	29.0	30.4	32.9
27.5°	19.9	21.2	22.7	24.2	25.7	26.9	29.3	32.2	35.3	38.5	41.8
30°	21.3	22.6	23.9	26.2	29.2	32.4	35.5	38.5	42.0	45.8	49.8
32.5°	23.3	25.2	27.5	30.4	33.4	36.9	40.6	44.3	48.0	52.3	57.0
35°	26.3	28.9	31.4	34.0	37.2	40.8	44.8	49.2	53.6	58.1	63.5
37.5°	28.9	31.6	34.5	37.5	40.6	44.4	48.6	53.3	58.4	63.7	69.1
40°	31.3	34.0	37.0	40.4	43.9	47.6	52.0	57.0	62.6	68.5	74.7
42.5°	33.0	36.0	39.2	42.7	46.5	50.6	55.0	60.4	66.3	72.9	79.8
45°	34.3	37.5	40.9	44.7	48.8	53.2	58.0	63.2	69.7	76.8	84.4
47.5°	35.4	38.6	42.3	46.2	50.7	55.5	60.5	66.2	72.8	80.4	88.7
50°	36.1	39.5	43.4	47.6	52.2	57.4	62.9	69.1	76.3	84.1	91.5
52.5°	36.7	40.2	44.2	48.7	53.5	60.4	67.7	75.1	82.2	89.0	95.3
55°	36.5	40.8	45.1	51.3	58.1	65.2	73.3	81.2	88.6	95.1	100.1
57.5°	36.3	42.3	48.3	54.5	62.1	70.0	78.5	87.3	95.5	101.9	106.1
60°	38.5	44.3	51.1	57.8	65.6	74.4	83.5	93.2	102.1	108.9	113.0
62.5°	40.4	46.5	53.4	60.9	68.6	78.4	88.3	98.7	108.6	116.4	120.8
65°	42.1	48.6	55.4	63.6	71.8	82.0	93.0	104.1	115.1	124.3	129.3
67.5°	43.9	50.7	57.9	66.2	75.1	85.2	97.4	109.4	121.8	131.9	137.0
70°	45.9	52.7	60.3	68.6	78.3	88.3	101.7	114.6	127.8	138.4	142.8
72.5°	48.1	54.7	62.8	71.2	81.3	91.1	103.8	116.5	128.3	137.4	141.6
75°	50.2	56.4	63.9	71.9	81.3	91.9	104.4	117.4	128.9	137.2	140.7
77.5°	50.3	56.8	64.0	72.1	81.6	92.7	105.4	118.6	130.0	137.7	140.1
80°	50.7	57.5	64.4	72.6	82.0	93.6	106.8	120.3	131.7	138.6	139.8
82.5°	51.4	58.4	65.2	73.3	82.8	94.7	108.6	122.3	133.9	140.0	139.6
85°	52.6	59.5	66.3	74.4	83.9	96.1	110.9	124.6	136.4	141.6	139.5
87.5°	54.0	61.0	67.8	75.8	85.4	97.8	113.6	127.3	139.2	143.3	139.4
90°	55.9	62.8	69.6	77.5	87.3	100.0	116.7	130.4	142.2	145.1	139.2
92.5°	54.0	61.0	67.8	75.8	85.4	97.8	113.6	127.3	139.2	143.3	139.4
95°	52.6	59.5	66.3	74.4	83.9	96.1	110.9	124.6	136.4	141.6	139.5
97.5°	51.4	58.4	65.2	73.3	82.8	94.7	108.6	122.3	133.9	140.0	139.6
100°	50.7	57.5	64.4	72.6	82.0	93.6	106.8	120.3	131.7	138.6	139.8
102.5°	50.3	56.8	64.0	72.1	81.6	92.7	105.4	118.6	130.0	137.7	140.1
105°	50.2	56.4	63.9	71.9	81.3	91.9	104.4	117.4	128.9	137.2	140.7
107.5°	48.1	54.7	62.8	71.2	81.3	91.1	103.8	116.5	128.3	137.4	141.6
110°	45.9	52.7	60.3	68.6	78.3	88.3	101.7	114.6	127.8	138.4	142.8



TEST NUMBER: P232025

CATALOG NUMBER: FVS4WM-3-LD4-35-1HI-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
112.5°	43.9	50.7	57.9	66.2	75.1	85.2	97.4	109.4	121.8	131.9	137.0
115°	42.1	48.6	55.4	63.6	71.8	82.0	93.0	104.1	115.1	124.3	129.3
117.5°	40.4	46.5	53.4	60.9	68.6	78.4	88.3	98.7	108.6	116.4	120.8
120°	38.5	44.3	51.1	57.8	65.6	74.4	83.5	93.2	102.1	108.9	113.0
122.5°	36.3	42.3	48.3	54.5	62.1	70.0	78.5	87.3	95.5	101.9	106.1
125°	36.5	40.8	45.1	51.3	58.1	65.2	73.3	81.2	88.6	95.1	100.1
127.5°	36.7	40.2	44.2	48.7	53.5	60.4	67.7	75.1	82.2	89.0	95.3
130°	36.1	39.5	43.4	47.6	52.2	57.4	62.9	69.1	76.3	84.1	91.5
132.5°	35.4	38.6	42.3	46.2	50.7	55.5	60.5	66.2	72.8	80.4	88.7
135°	34.3	37.5	40.9	44.7	48.8	53.2	58.0	63.2	69.7	76.8	84.4
137.5°	33.0	36.0	39.2	42.7	46.5	50.6	55.0	60.4	66.3	72.9	79.8
140°	31.3	34.0	37.0	40.4	43.9	47.6	52.0	57.0	62.6	68.5	74.7
142.5°	28.9	31.6	34.5	37.5	40.6	44.4	48.6	53.3	58.4	63.7	69.1
145°	26.3	28.9	31.4	34.0	37.2	40.8	44.8	49.2	53.6	58.1	63.5
147.5°	23.3	25.2	27.5	30.4	33.4	36.9	40.6	44.3	48.0	52.3	57.0
150°	21.3	22.6	23.9	26.2	29.2	32.4	35.5	38.5	42.0	45.8	49.8
152.5°	19.9	21.2	22.7	24.2	25.7	26.9	29.3	32.2	35.3	38.5	41.8
155°	18.8	20.2	21.5	22.7	23.8	24.9	26.2	27.6	29.0	30.4	32.9
157.5°	17.7	18.7	19.7	20.8	22.0	23.2	24.4	25.6	26.8	28.0	29.0
160°	16.0	17.1	18.1	19.2	20.3	21.3	22.4	23.5	24.5	25.3	26.0
162.5°	14.7	15.6	16.5	17.5	18.4	19.3	20.2	21.0	21.7	22.4	23.0
165°	13.1	14.0	14.8	15.6	16.3	16.9	17.6	18.2	18.8	19.4	19.9
167.5°	11.4	12.0	12.6	13.2	13.8	14.4	14.9	15.4	15.9	16.3	16.8
170°	9.3	9.8	10.3	10.8	11.2	11.6	12.1	12.5	12.9	13.3	13.7
172.5°	7.1	7.5	7.8	8.2	8.6	8.9	9.3	9.6	9.9	10.2	10.5
175°	4.9	5.2	5.4	5.7	5.9	6.2	6.4	6.6	6.8	7.0	7.2
177.5°	2.6	2.7	2.9	3.0	3.1	3.2	3.4	3.5	3.6	3.7	3.8
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: P232025

CATALOG NUMBER: FVS4WM-3-LD4-35-1HI-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°	3.9	4.0	4.0	4.1	4.2	4.2	4.3	4.3	4.3	4.4	4.9
5°	7.4	7.6	7.8	8.0	8.1	8.3	8.4	8.5	8.6	8.7	9.9
7.5°	10.8	11.1	11.4	11.7	11.9	12.2	12.5	12.7	12.9	13.1	14.8
10°	14.1	14.5	14.8	15.2	15.6	16.0	16.4	16.8	17.1	17.4	19.7
12.5°	17.2	17.7	18.2	18.7	19.1	19.6	20.2	20.8	21.3	21.8	24.6
15°	20.4	20.9	21.5	22.1	22.6	23.2	23.9	24.7	25.4	26.1	29.5
17.5°	23.6	24.2	24.7	25.4	26.1	26.8	27.5	28.6	29.6	30.5	34.4
20°	26.8	27.4	28.1	28.7	29.5	30.3	31.1	32.4	33.6	34.8	39.2
22.5°	29.8	30.6	31.3	32.0	32.8	33.8	34.7	36.1	37.7	39.2	44.1
25°	35.3	37.6	39.7	41.4	42.9	44.3	45.5	46.7	48.2	49.6	54.4
27.5°	45.2	48.1	50.9	53.1	54.7	56.0	56.9	57.7	58.9	59.9	64.7
30°	53.9	58.0	61.5	64.9	66.6	68.1	68.6	68.9	69.7	70.3	74.9
32.5°	61.9	66.9	71.5	75.8	78.5	80.1	80.5	80.3	80.5	80.6	85.0
35°	69.2	75.1	81.0	86.2	90.4	92.1	92.6	91.8	91.4	91.0	95.1
37.5°	75.8	82.7	89.7	96.1	102.4	104.1	104.8	103.5	102.4	101.3	105.0
40°	81.8	89.7	97.8	105.6	112.7	116.1	117.3	115.3	113.5	111.7	114.9
42.5°	87.1	96.2	105.4	115.1	122.9	128.2	129.8	127.2	124.6	122.0	124.6
45°	92.6	102.2	112.6	123.2	132.9	140.2	141.9	139.2	135.7	132.4	134.3
47.5°	97.4	106.0	115.9	125.8	135.2	143.5	145.5	144.8	143.6	143.4	149.0
50°	98.8	106.1	115.4	125.1	134.9	144.1	147.9	149.7	151.2	154.4	164.0
52.5°	101.2	107.6	115.5	124.7	134.5	144.2	150.1	154.2	158.6	165.4	179.2
55°	104.9	109.9	116.2	124.6	134.3	144.3	152.0	158.4	165.7	176.4	194.7
57.5°	109.5	112.8	117.3	124.9	134.3	144.5	153.6	162.3	172.6	187.4	210.4
60°	114.9	116.5	119.2	125.8	134.6	144.8	155.1	165.8	179.4	198.4	226.3
62.5°	121.1	120.9	122.1	127.1	135.0	145.1	156.4	169.2	186.0	209.4	242.3
65°	128.0	126.2	125.5	128.7	135.6	145.5	157.6	172.3	192.4	220.4	258.5
67.5°	135.5	131.9	129.3	130.6	136.5	145.9	158.6	175.2	198.7	231.4	274.8
70°	140.2	134.7	130.7	130.6	135.7	144.8	157.2	173.7	197.1	230.2	274.1
72.5°	139.4	134.0	130.2	129.8	134.7	143.6	155.7	172.1	195.6	229.0	273.1
75°	138.6	133.1	129.6	129.0	133.7	142.6	154.3	170.6	194.0	227.8	273.6
77.5°	137.6	132.0	128.9	128.3	132.7	141.6	153.1	169.2	192.6	226.6	272.0
80°	136.6	130.7	128.1	127.7	131.9	140.7	151.9	167.9	191.2	225.4	270.3
82.5°	135.4	129.2	127.2	127.1	131.2	140.0	150.8	166.7	189.9	224.2	268.7
85°	134.2	127.7	126.3	126.5	130.5	139.3	149.8	165.6	188.6	223.0	267.1
87.5°	132.9	126.1	125.4	126.0	129.9	138.8	148.9	164.6	187.4	221.8	265.4
90°	131.4	124.5	124.5	125.5	129.4	138.3	148.1	163.7	186.3	220.6	263.8
92.5°	132.9	126.1	125.4	126.0	129.9	138.8	148.9	164.6	187.4	221.8	265.4
95°	134.2	127.7	126.3	126.5	130.5	139.3	149.8	165.6	188.6	223.0	267.1
97.5°	135.4	129.2	127.2	127.1	131.2	140.0	150.8	166.7	189.9	224.2	268.7
100°	136.6	130.7	128.1	127.7	131.9	140.7	151.9	167.9	191.2	225.4	270.3
102.5°	137.6	132.0	128.9	128.3	132.7	141.6	153.1	169.2	192.6	226.6	272.0
105°	138.6	133.1	129.6	129.0	133.7	142.6	154.3	170.6	194.0	227.8	273.6
107.5°	139.4	134.0	130.2	129.8	134.7	143.6	155.7	172.1	195.6	229.0	273.1
110°	140.2	134.7	130.7	130.6	135.7	144.8	157.2	173.7	197.1	230.2	274.1



TEST NUMBER: P232025

CATALOG NUMBER: FVS4WM-3-LD4-35-1HI-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°	135.5	131.9	129.3	130.6	136.5	145.9	158.6	175.2	198.7	231.4	274.8
115°	128.0	126.2	125.5	128.7	135.6	145.5	157.6	172.3	192.4	220.4	258.5
117.5°	121.1	120.9	122.1	127.1	135.0	145.1	156.4	169.2	186.0	209.4	242.3
120°	114.9	116.5	119.2	125.8	134.6	144.8	155.1	165.8	179.4	198.4	226.3
122.5°	109.5	112.8	117.3	124.9	134.3	144.5	153.6	162.3	172.6	187.4	210.4
125°	104.9	109.9	116.2	124.6	134.3	144.3	152.0	158.4	165.7	176.4	194.7
127.5°	101.2	107.6	115.5	124.7	134.5	144.2	150.1	154.2	158.6	165.4	179.2
130°	98.8	106.1	115.4	125.1	134.9	144.1	147.9	149.7	151.2	154.4	164.0
132.5°	97.4	106.0	115.9	125.8	135.2	143.5	145.5	144.8	143.6	143.4	149.0
135°	92.6	102.2	112.6	123.2	132.9	140.2	141.9	139.2	135.7	132.4	134.3
137.5°	87.1	96.2	105.4	115.1	122.9	128.2	129.8	127.2	124.6	122.0	124.6
140°	81.8	89.7	97.8	105.6	112.7	116.1	117.3	115.3	113.5	111.7	114.9
142.5°	75.8	82.7	89.7	96.1	102.4	104.1	104.8	103.5	102.4	101.3	105.0
145°	69.2	75.1	81.0	86.2	90.4	92.1	92.6	91.8	91.4	91.0	95.1
147.5°	61.9	66.9	71.5	75.8	78.5	80.1	80.5	80.3	80.5	80.6	85.0
150°	53.9	58.0	61.5	64.9	66.6	68.1	68.6	68.9	69.7	70.3	74.9
152.5°	45.2	48.1	50.9	53.1	54.7	56.0	56.9	57.7	58.9	59.9	64.7
155°	35.3	37.6	39.7	41.4	42.9	44.3	45.5	46.7	48.2	49.6	54.4
157.5°	29.8	30.6	31.3	32.0	32.8	33.8	34.7	36.1	37.7	39.2	44.1
160°	26.8	27.4	28.1	28.7	29.5	30.3	31.1	32.4	33.6	34.8	39.2
162.5°	23.6	24.2	24.7	25.4	26.1	26.8	27.5	28.6	29.6	30.5	34.4
165°	20.4	20.9	21.5	22.1	22.6	23.2	23.9	24.7	25.4	26.1	29.5
167.5°	17.2	17.7	18.2	18.7	19.1	19.6	20.2	20.8	21.3	21.8	24.6
170°	14.1	14.5	14.8	15.2	15.6	16.0	16.4	16.8	17.1	17.4	19.7
172.5°	10.8	11.1	11.4	11.7	11.9	12.2	12.5	12.7	12.9	13.1	14.8
175°	7.4	7.6	7.8	8.0	8.1	8.3	8.4	8.5	8.6	8.7	9.9
177.5°	3.9	4.0	4.0	4.1	4.2	4.2	4.3	4.3	4.3	4.4	4.9
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: P232025

CATALOG NUMBER: FVS4WM-3-LD4-35-1HI-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°	5.5	6.1	6.7	7.2	7.7	8.2	8.7	9.2	9.7	10.1	10.6
5°	11.0	12.2	13.3	14.3	15.4	16.4	17.4	18.4	19.3	20.2	21.1
7.5°	16.5	18.2	19.8	21.4	23.0	24.5	26.1	27.9	29.7	31.4	33.0
10°	22.0	24.2	26.4	28.5	30.7	33.3	35.8	38.3	40.7	43.0	45.3
12.5°	27.4	30.1	32.8	35.8	39.2	42.5	45.8	48.9	51.8	54.5	57.2
15°	32.8	36.1	39.4	43.7	47.8	51.9	55.8	59.3	62.7	66.0	69.6
17.5°	38.2	41.9	46.6	51.6	56.6	61.3	65.6	69.7	73.7	77.4	80.9
20°	43.5	47.9	53.9	59.7	65.4	70.4	75.3	80.1	84.5	88.8	92.9
22.5°	48.9	54.4	61.2	67.9	73.9	79.6	85.1	90.4	95.5	100.2	103.7
25°	59.1	65.2	72.2	78.8	84.7	90.6	96.2	101.7	106.6	110.3	114.2
27.5°	69.4	76.2	83.3	89.9	96.3	102.4	108.4	113.9	118.1	122.1	123.7
30°	79.4	86.8	94.2	100.8	107.9	113.9	120.2	125.0	129.5	131.8	133.3
32.5°	89.7	97.2	104.5	111.5	118.4	125.0	130.9	135.9	139.4	141.4	143.1
35°	99.9	107.3	114.7	121.9	128.9	136.2	141.3	146.2	148.9	151.2	153.0
37.5°	109.9	117.2	124.6	132.0	139.2	145.8	151.5	155.6	159.1	161.0	163.2
40°	119.7	126.9	134.4	141.9	149.2	155.6	161.3	165.2	168.4	170.7	174.1
42.5°	129.4	136.3	144.0	151.6	158.9	165.2	170.6	175.1	177.9	180.9	184.4
45°	139.0	145.7	153.4	161.0	168.1	174.6	180.1	184.4	187.4	190.8	194.8
47.5°	157.2	166.7	176.0	182.1	186.7	190.3	193.2	194.7	197.0	200.5	204.7
50°	176.3	189.5	201.7	207.7	211.0	212.8	213.8	214.0	214.7	215.9	217.7
52.5°	195.8	212.9	227.1	233.1	234.5	234.2	233.4	232.7	233.3	235.1	238.4
55°	215.8	236.9	252.4	257.7	257.3	254.6	252.2	251.2	251.9	254.2	259.0
57.5°	236.2	261.3	277.5	281.5	279.3	274.0	270.5	269.5	270.7	273.9	279.6
60°	256.8	286.1	302.6	304.9	300.3	292.7	288.2	287.6	289.5	293.8	301.0
62.5°	277.8	311.3	327.5	327.8	320.5	311.2	305.8	305.4	308.0	313.6	322.1
65°	298.9	336.7	352.3	350.4	340.3	329.4	323.8	323.6	326.5	333.2	342.5
67.5°	320.3	362.4	377.0	372.6	359.5	347.3	341.7	341.9	345.7	353.0	362.2
70°	320.8	365.3	383.0	382.6	370.8	359.7	355.6	357.5	363.3	372.1	381.6
72.5°	320.4	366.4	386.9	390.6	379.5	368.9	365.8	368.9	375.9	385.1	395.5
75°	319.9	367.3	391.1	399.3	388.4	378.2	376.0	380.4	388.3	397.7	408.7
77.5°	319.2	368.0	395.7	408.5	397.5	387.6	386.2	392.0	400.6	410.1	421.7
80°	319.8	368.5	400.4	418.2	406.8	397.1	396.4	403.5	412.6	422.1	434.4
82.5°	318.1	370.0	406.4	428.1	416.4	406.7	406.6	415.1	424.5	433.9	446.9
85°	316.3	369.2	410.5	438.7	425.8	416.2	416.9	426.9	436.1	445.4	459.1
87.5°	314.6	368.5	414.6	448.3	436.0	426.2	427.1	438.0	447.7	456.8	471.1
90°	312.8	367.7	418.7	457.9	446.1	436.3	437.3	449.1	458.9	467.7	482.4
92.5°	314.6	368.5	414.6	448.3	436.0	426.2	427.1	438.0	447.7	456.8	471.1
95°	316.3	369.2	410.5	438.7	425.8	416.2	416.9	426.9	436.1	445.4	459.1
97.5°	318.1	370.0	406.4	428.1	416.4	406.7	406.6	415.1	424.5	433.9	446.9
100°	319.8	368.5	400.4	418.2	406.8	397.1	396.4	403.5	412.6	422.1	434.4
102.5°	319.2	368.0	395.7	408.5	397.5	387.6	386.2	392.0	400.6	410.1	421.7
105°	319.9	367.3	391.1	399.3	388.4	378.2	376.0	380.4	388.3	397.7	408.7
107.5°	320.4	366.4	386.9	390.6	379.5	368.9	365.8	368.9	375.9	385.1	395.5
110°	320.8	365.3	383.0	382.6	370.8	359.7	355.6	357.5	363.3	372.1	381.6



TEST NUMBER: P232025

CATALOG NUMBER: FVS4WM-3-LD4-35-1HI-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
112.5°	320.3	362.4	377.0	372.6	359.5	347.3	341.7	341.9	345.7	353.0	362.2
115°	298.9	336.7	352.3	350.4	340.3	329.4	323.8	323.6	326.5	333.2	342.5
117.5°	277.8	311.3	327.5	327.8	320.5	311.2	305.8	305.4	308.0	313.6	322.1
120°	256.8	286.1	302.6	304.9	300.3	292.7	288.2	287.6	289.5	293.8	301.0
122.5°	236.2	261.3	277.5	281.5	279.3	274.0	270.5	269.5	270.7	273.9	279.6
125°	215.8	236.9	252.4	257.7	257.3	254.6	252.2	251.2	251.9	254.2	259.0
127.5°	195.8	212.9	227.1	233.1	234.5	234.2	233.4	232.7	233.3	235.1	238.4
130°	176.3	189.5	201.7	207.7	211.0	212.8	213.8	214.0	214.7	215.9	217.7
132.5°	157.2	166.7	176.0	182.1	186.7	190.3	193.2	194.7	197.0	200.5	204.7
135°	139.0	145.7	153.4	161.0	168.1	174.6	180.1	184.4	187.4	190.8	194.8
137.5°	129.4	136.3	144.0	151.6	158.9	165.2	170.6	175.1	177.9	180.9	184.4
140°	119.7	126.9	134.4	141.9	149.2	155.6	161.3	165.2	168.4	170.7	174.1
142.5°	109.9	117.2	124.6	132.0	139.2	145.8	151.5	155.6	159.1	161.0	163.2
145°	99.9	107.3	114.7	121.9	128.9	136.2	141.3	146.2	148.9	151.2	153.0
147.5°	89.7	97.2	104.5	111.5	118.4	125.0	130.9	135.9	139.4	141.4	143.1
150°	79.4	86.8	94.2	100.8	107.9	113.9	120.2	125.0	129.5	131.8	133.3
152.5°	69.4	76.2	83.3	89.9	96.3	102.4	108.4	113.9	118.1	122.1	123.7
155°	59.1	65.2	72.2	78.8	84.7	90.6	96.2	101.7	106.6	110.3	114.2
157.5°	48.9	54.4	61.2	67.9	73.9	79.6	85.1	90.4	95.5	100.2	103.7
160°	43.5	47.9	53.9	59.7	65.4	70.4	75.3	80.1	84.5	88.8	92.9
162.5°	38.2	41.9	46.6	51.6	56.6	61.3	65.6	69.7	73.7	77.4	80.9
165°	32.8	36.1	39.4	43.7	47.8	51.9	55.8	59.3	62.7	66.0	69.6
167.5°	27.4	30.1	32.8	35.8	39.2	42.5	45.8	48.9	51.8	54.5	57.2
170°	22.0	24.2	26.4	28.5	30.7	33.3	35.8	38.3	40.7	43.0	45.3
172.5°	16.5	18.2	19.8	21.4	23.0	24.5	26.1	27.9	29.7	31.4	33.0
175°	11.0	12.2	13.3	14.3	15.4	16.4	17.4	18.4	19.3	20.2	21.1
177.5°	5.5	6.1	6.7	7.2	7.7	8.2	8.7	9.2	9.7	10.1	10.6
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: P232025

CATALOG NUMBER: FVS4WM-3-LD4-35-1HI-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°	11.0	11.4	11.7	12.1	12.4	12.7	13.0	13.2	13.5	13.7	13.8
5°	22.1	23.0	24.0	24.8	25.6	26.4	27.1	27.7	28.3	28.8	29.3
7.5°	34.5	36.0	37.4	38.7	39.9	41.0	42.0	43.0	43.8	44.5	45.2
10°	47.2	49.1	50.8	52.5	54.1	55.6	56.9	58.1	59.0	59.8	60.6
12.5°	59.6	62.0	64.2	66.1	67.9	69.6	71.0	72.4	73.5	74.5	75.3
15°	72.0	74.7	77.2	79.5	81.6	83.3	84.9	86.4	87.7	88.8	89.9
17.5°	84.3	87.8	89.9	92.2	94.4	96.4	98.2	99.9	101.7	103.4	105.0
20°	96.1	99.1	101.8	104.3	106.2	108.1	110.1	112.2	114.6	117.0	119.4
22.5°	107.2	110.1	111.9	113.8	115.9	118.2	120.8	123.5	126.6	130.5	134.4
25°	116.4	117.9	119.9	121.8	124.3	126.9	131.1	135.5	140.0	144.9	150.1
27.5°	124.6	125.3	126.2	128.3	132.4	137.1	142.5	147.8	153.8	159.8	166.0
30°	134.4	135.5	136.7	139.6	142.4	146.9	153.5	160.1	167.4	174.8	182.5
32.5°	144.5	146.5	149.6	153.0	157.4	161.8	166.8	172.5	181.1	191.6	201.9
35°	155.2	158.6	162.4	167.2	172.2	177.9	183.6	191.8	199.7	212.4	228.9
37.5°	166.7	170.6	175.6	181.1	187.3	194.9	204.2	214.9	230.0	246.0	261.7
40°	177.7	182.8	188.4	195.1	203.9	214.2	228.6	245.2	263.8	283.4	302.7
42.5°	189.1	194.5	201.4	210.6	221.9	238.4	256.4	278.6	302.2	323.6	346.1
45°	199.6	206.5	215.3	227.4	244.4	263.6	288.5	313.1	338.8	365.3	393.9
47.5°	210.7	218.0	230.8	247.2	267.3	293.7	320.5	348.3	378.9	410.9	442.8
50°	221.9	232.3	246.9	267.8	294.2	322.8	352.4	386.0	423.1	457.3	492.2
52.5°	243.6	253.7	269.2	290.4	322.1	351.5	386.5	426.8	464.5	503.4	542.2
55°	266.9	278.8	296.9	321.8	349.8	381.1	422.0	464.6	506.6	548.2	591.0
57.5°	289.4	303.8	324.3	350.7	379.6	417.4	459.0	502.7	546.5	590.9	636.9
60°	311.6	326.9	350.5	377.8	410.5	450.1	493.5	538.3	583.3	629.5	678.5
62.5°	333.8	350.5	374.3	402.3	439.0	480.2	524.5	570.3	615.2	662.4	715.5
65°	354.5	372.8	397.0	426.9	464.3	506.2	552.5	596.6	641.8	691.7	750.4
67.5°	373.8	392.8	417.5	449.4	487.2	530.2	575.9	617.7	663.2	719.7	794.5
70°	392.8	411.1	435.9	468.8	506.7	551.5	593.3	634.7	683.4	746.4	836.1
72.5°	409.2	428.5	453.3	485.7	523.2	571.7	606.4	647.1	700.5	776.3	869.3
75°	424.2	443.6	466.7	496.5	534.6	578.3	615.3	656.6	712.9	799.2	895.5
77.5°	438.8	456.9	477.1	504.4	541.3	581.3	620.2	667.0	732.6	819.4	916.4
80°	452.9	468.6	485.1	509.7	544.5	582.9	623.3	675.0	748.8	839.0	945.1
82.5°	466.5	479.1	491.1	512.7	544.9	583.0	624.6	680.3	759.9	852.9	965.3
85°	479.6	488.6	495.5	513.9	542.8	581.6	623.9	682.7	765.9	860.9	976.9
87.5°	492.4	497.5	499.0	514.1	539.3	579.3	622.4	683.8	769.2	865.9	983.9
90°	504.0	505.9	502.0	512.8	533.4	573.6	616.7	678.5	762.8	858.9	974.6
92.5°	492.4	497.5	499.0	514.1	539.3	579.3	622.4	683.8	769.2	865.9	983.9
95°	479.6	488.6	495.5	513.9	542.8	581.6	623.9	682.7	765.9	860.9	976.9
97.5°	466.5	479.1	491.1	512.7	544.9	583.0	624.6	680.3	759.9	852.9	965.3
100°	452.9	468.6	485.1	509.7	544.5	582.9	623.3	675.0	748.8	839.0	945.1
102.5°	438.8	456.9	477.1	504.4	541.3	581.3	620.2	667.0	732.6	819.4	916.4
105°	424.2	443.6	466.7	496.5	534.6	578.3	615.3	656.6	712.9	799.2	895.5
107.5°	409.2	428.5	453.3	485.7	523.2	571.7	606.4	647.1	700.5	776.3	869.3
110°	392.8	411.1	435.9	468.8	506.7	551.5	593.3	634.7	683.4	746.4	836.1



TEST NUMBER: P232025

CATALOG NUMBER: FVS4WM-3-LD4-35-1HI-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°	373.8	392.8	417.5	449.4	487.2	530.2	575.9	617.7	663.2	719.7	794.5
115°	354.5	372.8	397.0	426.9	464.3	506.2	552.5	596.6	641.8	691.7	750.4
117.5°	333.8	350.5	374.3	402.3	439.0	480.2	524.5	570.3	615.2	662.4	715.5
120°	311.6	326.9	350.5	377.8	410.5	450.1	493.5	538.3	583.3	629.5	678.5
122.5°	289.4	303.8	324.3	350.7	379.6	417.4	459.0	502.7	546.5	590.9	636.9
125°	266.9	278.8	296.9	321.8	349.8	381.1	422.0	464.6	506.6	548.2	591.0
127.5°	243.6	253.7	269.2	290.4	322.1	351.5	386.5	426.8	464.5	503.4	542.2
130°	221.9	232.3	246.9	267.8	294.2	322.8	352.4	386.0	423.1	457.3	492.2
132.5°	210.7	218.0	230.8	247.2	267.3	293.7	320.5	348.3	378.9	410.9	442.8
135°	199.6	206.5	215.3	227.4	244.4	263.6	288.5	313.1	338.8	365.3	393.9
137.5°	189.1	194.5	201.4	210.6	221.9	238.4	256.4	278.6	302.2	323.6	346.1
140°	177.7	182.8	188.4	195.1	203.9	214.2	228.6	245.2	263.8	283.4	302.7
142.5°	166.7	170.6	175.6	181.1	187.3	194.9	204.2	214.9	230.0	246.0	261.7
145°	155.2	158.6	162.4	167.2	172.2	177.9	183.6	191.8	199.7	212.4	228.9
147.5°	144.5	146.5	149.6	153.0	157.4	161.8	166.8	172.5	181.1	191.6	201.9
150°	134.4	135.5	136.7	139.6	142.4	146.9	153.5	160.1	167.4	174.8	182.5
152.5°	124.6	125.3	126.2	128.3	132.4	137.1	142.5	147.8	153.8	159.8	166.0
155°	116.4	117.9	119.9	121.8	124.3	126.9	131.1	135.5	140.0	144.9	150.1
157.5°	107.2	110.1	111.9	113.8	115.9	118.2	120.8	123.5	126.6	130.5	134.4
160°	96.1	99.1	101.8	104.3	106.2	108.1	110.1	112.2	114.6	117.0	119.4
162.5°	84.3	87.8	89.9	92.2	94.4	96.4	98.2	99.9	101.7	103.4	105.0
165°	72.0	74.7	77.2	79.5	81.6	83.3	84.9	86.4	87.7	88.8	89.9
167.5°	59.6	62.0	64.2	66.1	67.9	69.6	71.0	72.4	73.5	74.5	75.3
170°	47.2	49.1	50.8	52.5	54.1	55.6	56.9	58.1	59.0	59.8	60.6
172.5°	34.5	36.0	37.4	38.7	39.9	41.0	42.0	43.0	43.8	44.5	45.2
175°	22.1	23.0	24.0	24.8	25.6	26.4	27.1	27.7	28.3	28.8	29.3
177.5°	11.0	11.4	11.7	12.1	12.4	12.7	13.0	13.2	13.5	13.7	13.8
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: P232025

CATALOG NUMBER: FVS4WM-3-LD4-35-1HI-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°	14.0	14.1	14.2	14.3	14.3	14.3	14.8	14.6	14.4	14.3	14.1
5°	29.7	30.0	30.3	30.5	30.6	30.7	30.7	30.6	31.0	30.6	30.2
7.5°	45.8	46.2	46.6	46.9	47.1	47.1	47.1	47.0	46.8	46.9	46.3
10°	61.1	61.6	62.0	62.2	62.3	62.3	62.1	61.8	61.5	61.4	60.6
12.5°	76.0	76.6	77.0	77.3	77.4	77.4	77.3	77.0	76.6	76.0	75.6
15°	91.1	92.2	93.2	94.1	94.9	95.5	96.0	96.4	96.5	96.5	96.7
17.5°	106.7	108.5	110.2	111.8	113.3	114.7	115.9	116.9	117.8	118.4	119.4
20°	121.8	124.5	127.4	130.1	132.7	135.1	137.3	139.2	140.8	142.2	143.9
22.5°	138.2	142.0	145.9	149.7	153.3	156.6	159.7	162.5	164.9	166.9	169.5
25°	155.2	160.1	165.0	169.9	174.7	179.1	183.2	186.9	190.3	193.2	195.7
27.5°	172.4	178.7	184.7	191.3	198.1	204.4	210.3	215.7	220.6	224.8	228.4
30°	191.0	199.9	208.5	216.8	226.5	235.4	243.3	250.2	256.2	261.2	265.3
32.5°	213.2	226.7	239.2	250.7	261.9	272.4	281.5	289.3	295.9	301.1	305.2
35°	244.4	260.5	275.7	289.6	302.0	313.0	322.2	329.7	335.5	339.7	342.5
37.5°	281.1	299.2	316.6	331.7	344.7	357.6	368.6	377.6	384.4	389.2	392.0
40°	322.6	342.7	362.9	381.4	397.5	412.6	427.4	440.2	450.9	459.4	465.5
42.5°	370.4	394.1	416.5	438.4	458.8	478.0	497.8	515.4	530.5	543.0	552.6
45°	421.4	448.2	473.1	500.0	526.2	553.8	576.1	599.3	619.9	637.5	651.5
47.5°	473.5	504.6	535.2	565.6	598.3	629.6	662.9	695.1	722.8	745.7	763.5
50°	527.8	563.1	599.7	635.7	681.5	725.5	767.7	809.8	845.1	873.4	894.6
52.5°	582.0	622.3	670.0	721.0	781.0	842.5	894.5	940.0	976.7	1004.7	1024.2
55°	635.0	686.7	744.8	814.0	887.9	966.0	1026.8	1065.3	1094.2	1116.2	1131.3
57.5°	688.3	750.1	821.1	905.2	995.9	1066.0	1130.8	1161.9	1181.4	1196.2	1206.0
60°	737.9	808.7	897.8	987.4	1071.3	1141.3	1195.4	1229.0	1246.5	1260.3	1269.9
62.5°	779.4	869.2	965.6	1059.9	1138.7	1204.0	1251.9	1285.5	1303.1	1317.3	1327.5
65°	831.9	925.3	1030.4	1126.4	1207.3	1270.7	1307.3	1334.6	1351.7	1364.2	1373.7
67.5°	885.1	987.4	1097.1	1199.4	1279.8	1323.3	1353.8	1374.1	1390.5	1404.6	1415.0
70°	933.7	1045.5	1159.9	1268.6	1329.5	1364.0	1389.2	1409.0	1426.8	1440.1	1449.9
72.5°	975.8	1094.2	1212.4	1302.8	1362.0	1395.2	1418.0	1437.8	1456.6	1467.5	1476.7
75°	1011.8	1132.4	1246.8	1336.7	1392.7	1419.1	1440.4	1461.1	1477.9	1489.3	1499.7
77.5°	1038.0	1160.0	1283.2	1370.4	1413.1	1439.3	1461.5	1483.1	1498.5	1510.6	1520.7
80°	1063.9	1187.8	1313.0	1398.5	1431.2	1458.2	1479.8	1499.1	1516.0	1529.1	1540.1
82.5°	1086.1	1215.3	1337.7	1409.6	1443.9	1470.6	1491.6	1510.1	1527.0	1538.5	1552.8
85°	1099.6	1230.6	1356.5	1417.1	1449.2	1476.6	1497.4	1516.5	1533.6	1546.5	1562.9
87.5°	1108.8	1233.8	1367.1	1422.0	1450.1	1479.7	1498.1	1518.8	1536.4	1546.0	1563.6
90°	1099.2	1225.6	1366.8	1422.7	1447.2	1479.6	1495.3	1517.8	1533.5	1546.3	1560.0
92.5°	1108.8	1233.8	1367.1	1422.0	1450.1	1479.7	1498.1	1518.8	1536.4	1546.0	1563.6
95°	1099.6	1230.6	1356.5	1417.1	1449.2	1476.6	1497.4	1516.5	1533.6	1546.5	1562.9
97.5°	1086.1	1215.3	1337.7	1409.6	1443.9	1470.6	1491.6	1510.1	1527.0	1538.5	1552.8
100°	1063.9	1187.8	1313.0	1398.5	1431.2	1458.2	1479.8	1499.1	1516.0	1529.1	1540.1
102.5°	1038.0	1160.0	1283.2	1370.4	1413.1	1439.3	1461.5	1483.1	1498.5	1510.6	1520.7
105°	1011.8	1132.4	1246.8	1336.7	1392.7	1419.1	1440.4	1461.1	1477.9	1489.3	1499.7
107.5°	975.8	1094.2	1212.4	1302.8	1362.0	1395.2	1418.0	1437.8	1456.6	1467.5	1476.7
110°	933.7	1045.5	1159.9	1268.6	1329.5	1364.0	1389.2	1409.0	1426.8	1440.1	1449.9



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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°	885.1	987.4	1097.1	1199.4	1279.8	1323.3	1353.8	1374.1	1390.5	1404.6	1415.0
115°	831.9	925.3	1030.4	1126.4	1207.3	1270.7	1307.3	1334.6	1351.7	1364.2	1373.7
117.5°	779.4	869.2	965.6	1059.9	1138.7	1204.0	1251.9	1285.5	1303.1	1317.3	1327.5
120°	737.9	808.7	897.8	987.4	1071.3	1141.3	1195.4	1229.0	1246.5	1260.3	1269.9
122.5°	688.3	750.1	821.1	905.2	995.9	1066.0	1130.8	1161.9	1181.4	1196.2	1206.0
125°	635.0	686.7	744.8	814.0	887.9	966.0	1026.8	1065.3	1094.2	1116.2	1131.3
127.5°	582.0	622.3	670.0	721.0	781.0	842.5	894.5	940.0	976.7	1004.7	1024.2
130°	527.8	563.1	599.7	635.7	681.5	725.5	767.7	809.8	845.1	873.4	894.6
132.5°	473.5	504.6	535.2	565.6	598.3	629.6	662.9	695.1	722.8	745.7	763.5
135°	421.4	448.2	473.1	500.0	526.2	553.8	576.1	599.3	619.9	637.5	651.5
137.5°	370.4	394.1	416.5	438.4	458.8	478.0	497.8	515.4	530.5	543.0	552.6
140°	322.6	342.7	362.9	381.4	397.5	412.6	427.4	440.2	450.9	459.4	465.5
142.5°	281.1	299.2	316.6	331.7	344.7	357.6	368.6	377.6	384.4	389.2	392.0
145°	244.4	260.5	275.7	289.6	302.0	313.0	322.2	329.7	335.5	339.7	342.5
147.5°	213.2	226.7	239.2	250.7	261.9	272.4	281.5	289.3	295.9	301.1	305.2
150°	191.0	199.9	208.5	216.8	226.5	235.4	243.3	250.2	256.2	261.2	265.3
152.5°	172.4	178.7	184.7	191.3	198.1	204.4	210.3	215.7	220.6	224.8	228.4
155°	155.2	160.1	165.0	169.9	174.7	179.1	183.2	186.9	190.3	193.2	195.7
157.5°	138.2	142.0	145.9	149.7	153.3	156.6	159.7	162.5	164.9	166.9	169.5
160°	121.8	124.5	127.4	130.1	132.7	135.1	137.3	139.2	140.8	142.2	143.9
162.5°	106.7	108.5	110.2	111.8	113.3	114.7	115.9	116.9	117.8	118.4	119.4
165°	91.1	92.2	93.2	94.1	94.9	95.5	96.0	96.4	96.5	96.5	96.7
167.5°	76.0	76.6	77.0	77.3	77.4	77.4	77.3	77.0	76.6	76.0	75.6
170°	61.1	61.6	62.0	62.2	62.3	62.3	62.1	61.8	61.5	61.4	60.6
172.5°	45.8	46.2	46.6	46.9	47.1	47.1	47.1	47.0	46.8	46.9	46.3
175°	29.7	30.0	30.3	30.5	30.6	30.7	30.7	30.6	31.0	30.6	30.2
177.5°	14.0	14.1	14.2	14.3	14.3	14.3	14.8	14.6	14.4	14.3	14.1
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°	13.9	13.7
5°	29.8	29.4
7.5°	45.7	45.1
10°	59.7	58.8
12.5°	74.6	73.5
15°	95.9	95.1
17.5°	119.0	118.6
20°	144.0	144.1
22.5°	170.1	170.6
25°	197.9	199.0
27.5°	231.6	233.4
30°	268.9	270.6
32.5°	308.6	309.8
35°	344.5	344.2
37.5°	393.8	392.2
40°	470.3	469.7
42.5°	560.7	561.8
45°	664.0	667.7
47.5°	778.9	783.4
50°	912.2	915.8
52.5°	1039.2	1039.3
55°	1142.9	1141.3
57.5°	1213.3	1210.9
60°	1277.6	1275.7
62.5°	1333.3	1334.5
65°	1379.6	1381.5
67.5°	1421.5	1423.7
70°	1456.0	1458.0
72.5°	1484.1	1488.4
75°	1509.9	1516.9
77.5°	1531.4	1537.4
80°	1549.6	1553.1
82.5°	1563.3	1572.7
85°	1567.9	1574.7
87.5°	1574.1	1583.5
90°	1564.9	1580.6
92.5°	1574.1	1583.5
95°	1567.9	1574.7
97.5°	1563.3	1572.7
100°	1549.6	1553.1
102.5°	1531.4	1537.4
105°	1509.9	1516.9
107.5°	1484.1	1488.4
110°	1456.0	1458.0



TEST NUMBER: P232025

CATALOG NUMBER: FVS4WM-3-LD4-35-1HI-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	357.5°	360°
112.5°	1421.5	1423.7
115°	1379.6	1381.5
117.5°	1333.3	1334.5
120°	1277.6	1275.7
122.5°	1213.3	1210.9
125°	1142.9	1141.3
127.5°	1039.2	1039.3
130°	912.2	915.8
132.5°	778.9	783.4
135°	664.0	667.7
137.5°	560.7	561.8
140°	470.3	469.7
142.5°	393.8	392.2
145°	344.5	344.2
147.5°	308.6	309.8
150°	268.9	270.6
152.5°	231.6	233.4
155°	197.9	199.0
157.5°	170.1	170.6
160°	144.0	144.1
162.5°	119.0	118.6
165°	95.9	95.1
167.5°	74.6	73.5
170°	59.7	58.8
172.5°	45.7	45.1
175°	29.8	29.4
177.5°	13.9	13.7
180°	0.0	0.0

(END OF REPORT)