

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: P231941

Luminaire Tested: **FVS4WM-2-LD4-35-2HI-PA187-UNV-EDC1**

Issue Date: 3/3/2020



Test Information

Test Method: LM-79-08
Report Number: P231941
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1706-121-10)
Test Lab: INNOVATION CENTER(G3)
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: FAIL-SAFE
Catalog Number: FVS4WM-2-LD4-35-2HI-PA187-UNV-EDC1
Description: FAILSAFE FVS LED FIXTURE
2FT LENGTH, 2-MODULE LED WITH PA187 LENS
Light Source: (84) 3500K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

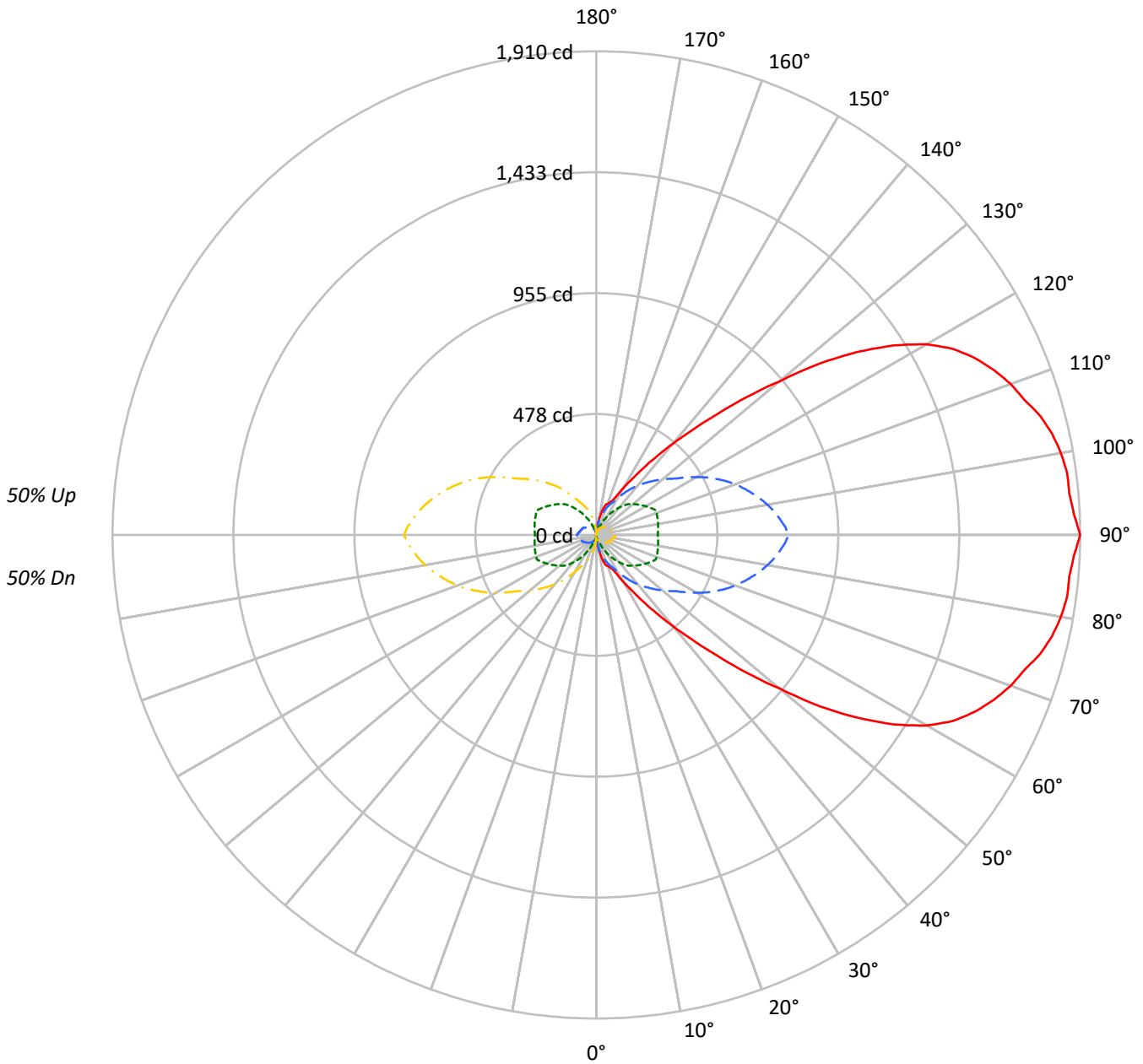
Lumens per Lamp: N/A
Luminaire Lumens: 4221.1 lumens
Efficiency: N/A
Efficacy: 94.2 lumens/watt
Spacing Criteria (0/90/45): - / - / -
Luminous Opening: Rectangular w/ Sides (W: 1.92' x L: 0.19' x H: 0.31')
CIE Type: General Diffuse

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

TEST NUMBER: P231941

CATALOG NUMBER: FVS4WM-2-LD4-35-2HI-PA187-UNV-EDC1

Luminous Intensity Polar Plot



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



TEST NUMBER: P231941

CATALOG NUMBER: FVS4WM-2-LD4-35-2HI-PA187-UNV-EDC1

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20	
RC	80				70				50				30				10	0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR																		
0	107	107	107	107	99	99	99	99	83	83	83	69	69	69	56	56	56	50
1	91	83	77	71	83	76	70	65	63	58	54	50	47	43	39	36	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	26	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°	771	258	0	258
10°	1521	514	0	514
15°	2354	775	0	775
20°	2567	1047	0	1047
25°	2771	1652	0	1652
30°	3767	2624	0	2624
35°	5376	3682	0	3682
40°	7670	4863	0	4863
45°	10682	6213	16	6213
50°	14714	7378	16	7378
55°	19460	8793	15	8793
60°	23206	10562	15	10562
65°	25577	12844	15	12844
70°	27328	15277	16	15277
75°	29083	17987	16	17987
80°	30736	22163	0	22163
85°	32125	29366	0	29366



TEST NUMBER: P231941

CATALOG NUMBER: FVS4WM-2-LD4-35-2HI-PA187-UNV-EDC1

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	1.9	0.0
10°-20°	13.7	0.3
20°-30°	36.7	0.9
30°-40°	83.8	2.0
40°-50°	163.6	3.9
50°-60°	291.0	6.9
60°-70°	428.1	10.1
70°-80°	521.7	12.4
80°-90°	570.2	13.5
90°-100°	570.2	13.5
100°-110°	521.7	12.4
110°-120°	428.1	10.1
120°-130°	291.0	6.9
130°-140°	163.6	3.9
140°-150°	83.8	2.0
150°-160°	36.7	0.9
160°-170°	13.7	0.3
170°-180°	1.9	0.0
0°-30°	52.3	1.2
0°-40°	136.1	3.2
0°-60°	590.6	14.0
0°-90°	2110.6	50.0
90°-120°	1520.0	36.0
90°-150°	2058.3	48.8
90°-180°	2111.0	50.0
0°-180°	4221.1	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	0	0	0	0	0	
5°	29	9	0	9	29	4
15°	110	26	0	26	110	31
25°	149	54	0	54	149	74
35°	319	112	0	112	319	209
45°	672	171	1	171	672	537
55°	1260	208	1	208	1260	1124
65°	1651	245	1	245	1651	1630
75°	1814	250	1	250	1814	1913
85°	1874	245	0	245	1874	1531
90°	1910	242	0	242	1910	1041
95°	1874	245	0	245	1874	1531
105°	1814	250	1	250	1814	1913
115°	1651	245	1	245	1651	1630
125°	1260	208	1	208	1260	1124
135°	672	171	1	171	672	537
145°	319	112	0	112	319	209
155°	149	54	0	54	149	74
165°	110	26	0	26	110	31
175°	29	9	0	9	29	4
180°	0	0	0	0	0	



TEST NUMBER: P231941

CATALOG NUMBER: FVS4WM-2-LD4-35-2HI-PA187-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°	12.7	12.9	13.1	13.3	13.4	13.6	13.8	13.4	13.4	13.4	13.3
5°	29.4	29.8	30.1	30.5	30.9	30.4	30.5	30.4	30.3	30.1	29.9
7.5°	47.1	47.6	48.1	48.6	48.3	48.3	48.3	48.1	47.9	47.5	47.1
10°	64.7	65.3	65.9	66.5	66.1	66.1	66.0	65.7	65.3	64.8	64.2
12.5°	85.3	85.9	86.5	86.2	86.2	85.9	85.5	84.9	84.1	83.2	82.1
15°	109.8	110.2	110.5	109.6	109.1	108.2	107.2	106.0	104.6	103.0	101.2
17.5°	126.5	126.9	127.4	126.8	126.4	125.8	125.0	123.9	122.6	121.1	119.3
20°	129.4	130.6	131.9	132.7	133.6	134.2	134.6	134.8	134.7	134.3	133.6
22.5°	138.2	140.3	142.3	143.5	144.8	145.7	146.3	146.5	146.3	145.7	144.6
25°	149.0	152.0	154.6	156.9	158.9	160.4	161.5	162.2	162.2	161.8	160.7
27.5°	172.5	175.7	177.9	179.8	181.2	182.1	182.5	182.3	181.7	180.7	179.5
30°	213.7	216.3	217.0	217.3	216.7	215.3	213.3	210.6	207.4	203.6	201.8
32.5°	258.8	260.7	260.3	259.3	257.4	254.5	250.8	246.3	241.1	235.7	230.5
35°	318.6	319.2	316.3	312.8	307.9	301.8	294.6	286.4	277.4	269.9	262.4
37.5°	388.2	387.4	382.1	375.9	368.0	358.3	347.2	334.8	321.7	310.1	298.1
40°	470.5	468.5	460.6	451.6	439.9	425.9	409.6	391.3	373.4	356.6	339.1
42.5°	562.7	559.3	548.8	536.7	521.6	503.5	482.8	459.6	436.5	412.2	386.3
45°	672.5	667.7	653.6	637.4	617.1	593.0	565.2	537.9	506.5	476.1	445.2
47.5°	806.8	799.7	780.2	758.2	731.0	698.9	662.5	624.6	587.0	546.7	511.5
50°	943.0	936.5	915.7	891.2	859.5	820.7	775.0	728.1	679.5	630.0	586.1
52.5°	1112.6	1105.4	1079.0	1048.2	1008.5	960.3	904.1	848.0	785.4	723.8	667.7
55°	1259.7	1246.2	1215.9	1183.4	1145.5	1103.5	1054.1	983.0	902.4	827.3	754.7
57.5°	1393.0	1372.5	1335.6	1296.9	1253.5	1206.7	1155.8	1095.2	1028.4	933.6	846.0
60°	1505.7	1478.6	1436.3	1392.5	1344.5	1293.7	1240.0	1182.6	1114.6	1030.9	937.5
62.5°	1590.0	1554.0	1512.2	1465.8	1416.0	1364.6	1312.6	1258.6	1193.4	1120.5	1021.7
65°	1650.8	1616.1	1575.1	1527.5	1473.0	1419.9	1370.7	1317.7	1257.0	1188.3	1105.5
67.5°	1699.8	1667.6	1629.0	1583.4	1530.4	1476.8	1420.3	1363.3	1304.8	1240.2	1166.3
70°	1741.0	1713.3	1678.5	1635.1	1583.1	1525.9	1465.5	1403.5	1341.6	1280.5	1213.8
72.5°	1772.3	1751.3	1722.7	1684.1	1632.3	1568.4	1503.5	1436.5	1375.4	1315.3	1253.0
75°	1814.5	1796.4	1769.2	1724.8	1665.6	1603.2	1535.3	1470.6	1407.1	1343.8	1280.6
77.5°	1842.9	1832.8	1812.2	1760.0	1696.2	1627.4	1566.2	1501.0	1433.9	1367.3	1300.3
80°	1862.5	1856.0	1836.5	1787.4	1719.9	1654.1	1588.2	1526.3	1453.4	1384.9	1315.2
82.5°	1874.3	1873.0	1857.2	1814.9	1742.5	1672.1	1602.2	1535.2	1467.6	1399.7	1333.0
85°	1874.3	1886.4	1880.4	1827.0	1753.6	1680.1	1613.9	1548.6	1479.9	1410.0	1344.0
87.5°	1887.0	1895.9	1873.0	1833.9	1762.9	1694.5	1624.9	1557.9	1483.9	1413.0	1348.2
90°	1909.6	1895.9	1865.5	1835.1	1764.5	1695.9	1625.3	1558.6	1479.2	1408.7	1345.9
92.5°	1887.0	1895.9	1873.0	1833.9	1762.9	1694.5	1624.9	1557.9	1483.9	1413.0	1348.2
95°	1874.3	1886.4	1880.4	1827.0	1753.6	1680.1	1613.9	1548.6	1479.9	1410.0	1344.0
97.5°	1874.3	1873.0	1857.2	1814.9	1742.5	1672.1	1602.2	1535.2	1467.6	1399.7	1333.0
100°	1862.5	1856.0	1836.5	1787.4	1719.9	1654.1	1588.2	1526.3	1453.4	1384.9	1315.2
102.5°	1842.9	1832.8	1812.2	1760.0	1696.2	1627.4	1566.2	1501.0	1433.9	1367.3	1300.3
105°	1814.5	1796.4	1769.2	1724.8	1665.6	1603.2	1535.3	1470.6	1407.1	1343.8	1280.6
107.5°	1772.3	1751.3	1722.7	1684.1	1632.3	1568.4	1503.5	1436.5	1375.4	1315.3	1253.0
110°	1741.0	1713.3	1678.5	1635.1	1583.1	1525.9	1465.5	1403.5	1341.6	1280.5	1213.8



TEST NUMBER: P231941

CATALOG NUMBER: FVS4WM-2-LD4-35-2HI-PA187-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
112.5°	1699.8	1667.6	1629.0	1583.4	1530.4	1476.8	1420.3	1363.3	1304.8	1240.2	1166.3
115°	1650.8	1616.1	1575.1	1527.5	1473.0	1419.9	1370.7	1317.7	1257.0	1188.3	1105.5
117.5°	1590.0	1554.0	1512.2	1465.8	1416.0	1364.6	1312.6	1258.6	1193.4	1120.5	1021.7
120°	1505.7	1478.6	1436.3	1392.5	1344.5	1293.7	1240.0	1182.6	1114.6	1030.9	937.5
122.5°	1393.0	1372.5	1335.6	1296.9	1253.5	1206.7	1155.8	1095.2	1028.4	933.6	846.0
125°	1259.7	1246.2	1215.9	1183.4	1145.5	1103.5	1054.1	983.0	902.4	827.3	754.7
127.5°	1112.6	1105.4	1079.0	1048.2	1008.5	960.3	904.1	848.0	785.4	723.8	667.7
130°	943.0	936.5	915.7	891.2	859.5	820.7	775.0	728.1	679.5	630.0	586.1
132.5°	806.8	799.7	780.2	758.2	731.0	698.9	662.5	624.6	587.0	546.7	511.5
135°	672.5	667.7	653.6	637.4	617.1	593.0	565.2	537.9	506.5	476.1	445.2
137.5°	562.7	559.3	548.8	536.7	521.6	503.5	482.8	459.6	436.5	412.2	386.3
140°	470.5	468.5	460.6	451.6	439.9	425.9	409.6	391.3	373.4	356.6	339.1
142.5°	388.2	387.4	382.1	375.9	368.0	358.3	347.2	334.8	321.7	310.1	298.1
145°	318.6	319.2	316.3	312.8	307.9	301.8	294.6	286.4	277.4	269.9	262.4
147.5°	258.8	260.7	260.3	259.3	257.4	254.5	250.8	246.3	241.1	235.7	230.5
150°	213.7	216.3	217.0	217.3	216.7	215.3	213.3	210.6	207.4	203.6	201.8
152.5°	172.5	175.7	177.9	179.8	181.2	182.1	182.5	182.3	181.7	180.7	179.5
155°	149.0	152.0	154.6	156.9	158.9	160.4	161.5	162.2	162.2	161.8	160.7
157.5°	138.2	140.3	142.3	143.5	144.8	145.7	146.3	146.5	146.3	145.7	144.6
160°	129.4	130.6	131.9	132.7	133.6	134.2	134.6	134.8	134.7	134.3	133.6
162.5°	126.5	126.9	127.4	126.8	126.4	125.8	125.0	123.9	122.6	121.1	119.3
165°	109.8	110.2	110.5	109.6	109.1	108.2	107.2	106.0	104.6	103.0	101.2
167.5°	85.3	85.9	86.5	86.2	86.2	85.9	85.5	84.9	84.1	83.2	82.1
170°	64.7	65.3	65.9	66.5	66.1	66.1	66.0	65.7	65.3	64.8	64.2
172.5°	47.1	47.6	48.1	48.6	48.3	48.3	48.3	48.1	47.9	47.5	47.1
175°	29.4	29.8	30.1	30.5	30.9	30.4	30.5	30.4	30.3	30.1	29.9
177.5°	12.7	12.9	13.1	13.3	13.4	13.6	13.8	13.4	13.4	13.4	13.3
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: P231941

CATALOG NUMBER: FVS4WM-2-LD4-35-2HI-PA187-UNV-EDC1

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°	13.2	13.1	13.0	12.9	12.7	12.5	12.3	12.0	11.7	11.5	11.1
5°	29.5	29.2	28.7	28.2	27.7	27.0	26.4	25.6	24.8	24.0	23.1
7.5°	46.6	46.0	45.2	44.4	43.6	42.6	41.5	40.4	39.2	37.9	36.6
10°	63.4	62.6	61.6	60.5	59.3	57.9	56.5	55.0	53.4	51.7	49.9
12.5°	80.9	79.5	78.0	76.4	74.7	73.0	71.2	69.3	67.2	65.0	62.8
15°	99.3	97.3	95.1	93.0	90.8	88.4	86.0	83.4	80.8	78.2	75.4
17.5°	117.3	115.1	112.5	109.6	106.7	103.7	100.6	97.5	94.4	91.2	87.9
20°	132.6	130.5	127.7	124.7	121.5	118.0	114.4	110.8	107.2	103.5	99.8
22.5°	143.3	142.1	140.4	138.2	135.5	131.8	127.6	123.2	118.7	114.6	110.6
25°	159.3	157.3	154.7	151.5	148.3	144.8	140.7	136.0	130.9	125.4	120.4
27.5°	178.1	175.9	172.9	169.4	165.2	160.4	155.6	149.6	143.6	137.1	130.9
30°	199.5	196.7	194.0	189.7	184.9	179.2	173.0	166.0	160.0	155.3	150.4
32.5°	225.0	219.1	214.8	210.8	206.3	200.4	194.4	188.2	182.2	175.9	170.5
35°	254.4	246.6	239.6	232.5	226.9	222.7	217.8	211.0	203.9	197.0	190.1
37.5°	285.7	275.6	265.9	259.0	251.7	244.8	238.9	232.8	225.6	217.6	209.9
40°	322.0	308.2	296.5	286.8	277.6	269.0	261.3	253.7	246.3	238.1	229.3
42.5°	365.0	347.7	331.2	318.0	305.6	294.3	284.0	275.4	266.7	258.0	248.7
45°	418.9	391.8	370.6	351.3	335.1	320.2	308.1	296.6	287.3	277.7	267.7
47.5°	478.2	445.1	415.1	387.2	366.6	348.2	332.4	319.2	307.1	297.2	286.7
50°	541.1	501.7	463.7	430.2	399.5	377.0	357.8	341.3	327.9	315.8	305.5
52.5°	612.1	562.4	515.5	474.5	438.0	405.8	383.2	364.3	348.6	334.5	331.3
55°	689.0	626.4	571.7	520.3	477.0	439.3	407.3	387.7	377.4	371.1	369.1
57.5°	768.0	694.9	628.4	570.0	517.1	473.2	443.5	422.6	410.3	404.7	403.9
60°	844.9	762.9	687.1	618.0	564.3	519.2	482.7	456.2	442.1	435.7	435.8
62.5°	918.2	825.0	746.0	676.6	613.8	562.1	521.9	491.6	471.9	462.9	464.8
65°	992.4	891.7	807.6	731.6	663.5	605.3	558.3	522.7	500.5	490.3	491.9
67.5°	1077.5	964.4	868.7	784.2	708.7	643.2	592.9	554.8	529.7	516.7	516.1
70°	1130.6	1032.3	927.8	832.3	751.6	682.2	626.0	583.9	555.3	541.0	537.8
72.5°	1174.3	1079.8	977.0	878.9	790.3	715.5	654.3	610.7	578.7	564.8	560.4
75°	1206.9	1114.8	1015.8	919.0	822.9	744.8	682.4	636.2	604.3	587.6	580.4
77.5°	1237.5	1141.7	1042.1	950.8	856.5	775.9	712.0	662.4	627.8	609.2	600.7
80°	1252.7	1169.1	1071.7	977.0	883.6	800.7	737.2	686.2	649.2	629.7	621.3
82.5°	1268.0	1193.4	1093.9	997.8	903.7	819.5	758.3	707.7	668.8	649.3	641.9
85°	1278.0	1210.7	1108.7	1012.9	917.3	833.0	775.8	727.0	686.9	668.3	662.5
87.5°	1282.7	1224.4	1119.7	1025.2	927.3	843.5	791.3	745.2	704.0	686.7	683.1
90°	1282.2	1222.4	1117.5	1025.4	927.3	847.9	801.9	759.7	719.5	704.8	702.9
92.5°	1282.7	1224.4	1119.7	1025.2	927.3	843.5	791.3	745.2	704.0	686.7	683.1
95°	1278.0	1210.7	1108.7	1012.9	917.3	833.0	775.8	727.0	686.9	668.3	662.5
97.5°	1268.0	1193.4	1093.9	997.8	903.7	819.5	758.3	707.7	668.8	649.3	641.9
100°	1252.7	1169.1	1071.7	977.0	883.6	800.7	737.2	686.2	649.2	629.7	621.3
102.5°	1237.5	1141.7	1042.1	950.8	856.5	775.9	712.0	662.4	627.8	609.2	600.7
105°	1206.9	1114.8	1015.8	919.0	822.9	744.8	682.4	636.2	604.3	587.6	580.4
107.5°	1174.3	1079.8	977.0	878.9	790.3	715.5	654.3	610.7	578.7	564.8	560.4
110°	1130.6	1032.3	927.8	832.3	751.6	682.2	626.0	583.9	555.3	541.0	537.8



TEST NUMBER: P231941

CATALOG NUMBER: FVS4WM-2-LD4-35-2HI-PA187-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
112.5°	1077.5	964.4	868.7	784.2	708.7	643.2	592.9	554.8	529.7	516.7	516.1
115°	992.4	891.7	807.6	731.6	663.5	605.3	558.3	522.7	500.5	490.3	491.9
117.5°	918.2	825.0	746.0	676.6	613.8	562.1	521.9	491.6	471.9	462.9	464.8
120°	844.9	762.9	687.1	618.0	564.3	519.2	482.7	456.2	442.1	435.7	435.8
122.5°	768.0	694.9	628.4	570.0	517.1	473.2	443.5	422.6	410.3	404.7	403.9
125°	689.0	626.4	571.7	520.3	477.0	439.3	407.3	387.7	377.4	371.1	369.1
127.5°	612.1	562.4	515.5	474.5	438.0	405.8	383.2	364.3	348.6	334.5	331.3
130°	541.1	501.7	463.7	430.2	399.5	377.0	357.8	341.3	327.9	315.8	305.5
132.5°	478.2	445.1	415.1	387.2	366.6	348.2	332.4	319.2	307.1	297.2	286.7
135°	418.9	391.8	370.6	351.3	335.1	320.2	308.1	296.6	287.3	277.7	267.7
137.5°	365.0	347.7	331.2	318.0	305.6	294.3	284.0	275.4	266.7	258.0	248.7
140°	322.0	308.2	296.5	286.8	277.6	269.0	261.3	253.7	246.3	238.1	229.3
142.5°	285.7	275.6	265.9	259.0	251.7	244.8	238.9	232.8	225.6	217.6	209.9
145°	254.4	246.6	239.6	232.5	226.9	222.7	217.8	211.0	203.9	197.0	190.1
147.5°	225.0	219.1	214.8	210.8	206.3	200.4	194.4	188.2	182.2	175.9	170.5
150°	199.5	196.7	194.0	189.7	184.9	179.2	173.0	166.0	160.0	155.3	150.4
152.5°	178.1	175.9	172.9	169.4	165.2	160.4	155.6	149.6	143.6	137.1	130.9
155°	159.3	157.3	154.7	151.5	148.3	144.8	140.7	136.0	130.9	125.4	120.4
157.5°	143.3	142.1	140.4	138.2	135.5	131.8	127.6	123.2	118.7	114.6	110.6
160°	132.6	130.5	127.7	124.7	121.5	118.0	114.4	110.8	107.2	103.5	99.8
162.5°	117.3	115.1	112.5	109.6	106.7	103.7	100.6	97.5	94.4	91.2	87.9
165°	99.3	97.3	95.1	93.0	90.8	88.4	86.0	83.4	80.8	78.2	75.4
167.5°	80.9	79.5	78.0	76.4	74.7	73.0	71.2	69.3	67.2	65.0	62.8
170°	63.4	62.6	61.6	60.5	59.3	57.9	56.5	55.0	53.4	51.7	49.9
172.5°	46.6	46.0	45.2	44.4	43.6	42.6	41.5	40.4	39.2	37.9	36.6
175°	29.5	29.2	28.7	28.2	27.7	27.0	26.4	25.6	24.8	24.0	23.1
177.5°	13.2	13.1	13.0	12.9	12.7	12.5	12.3	12.0	11.7	11.5	11.1
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: P231941

CATALOG NUMBER: FVS4WM-2-LD4-35-2HI-PA187-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°	10.8	10.5	10.1	9.7	9.3	8.8	8.4	7.9	7.5	7.0	6.5
5°	22.1	21.1	20.1	19.3	18.5	17.6	16.7	15.8	14.9	13.9	12.9
7.5°	35.1	33.6	32.1	30.4	28.7	26.9	25.1	23.6	22.2	20.8	19.3
10°	48.0	46.1	44.1	41.8	39.5	37.2	34.7	32.2	29.7	27.6	25.7
12.5°	60.4	58.0	55.5	52.9	50.3	47.4	44.4	41.2	38.0	34.7	32.0
15°	72.6	69.7	67.0	63.6	60.4	57.2	53.9	50.2	46.3	42.4	38.4
17.5°	84.9	81.1	77.6	73.9	70.2	66.5	62.8	58.9	54.6	50.0	45.3
20°	96.0	92.1	88.2	84.1	79.9	75.6	71.4	67.1	62.7	57.6	52.3
22.5°	106.7	102.5	98.2	93.9	89.3	84.5	79.6	75.0	70.2	65.1	59.2
25°	115.8	111.8	107.6	102.9	100.1	96.9	93.3	89.6	85.7	81.4	75.8
27.5°	127.1	124.9	123.3	121.4	118.6	115.7	112.3	108.6	104.3	99.6	94.0
30°	146.5	142.9	140.2	138.5	136.5	133.6	130.5	126.9	123.4	117.8	112.3
32.5°	165.2	160.9	157.3	154.8	153.2	150.9	148.0	144.7	141.0	136.0	129.9
35°	184.0	178.5	174.3	170.9	169.0	167.4	164.8	162.2	158.5	154.2	147.6
37.5°	202.4	196.2	190.4	187.0	184.3	182.9	181.1	178.5	175.5	172.2	165.2
40°	221.1	213.2	207.2	201.9	199.4	197.7	196.7	194.6	192.0	189.1	182.9
42.5°	239.1	230.7	223.0	217.4	213.8	212.0	211.4	210.2	208.1	205.7	200.5
45°	257.5	247.4	239.2	232.5	227.3	226.2	225.7	225.4	223.7	221.9	218.1
47.5°	275.2	264.5	255.0	247.2	241.7	241.5	243.9	244.7	242.8	239.3	234.3
50°	293.4	283.2	283.0	282.8	280.9	277.4	275.1	271.3	265.6	258.3	250.3
52.5°	330.6	330.4	333.0	332.9	327.4	317.3	309.3	300.3	290.0	278.6	266.8
55°	370.8	374.2	379.7	384.9	377.0	361.6	346.3	331.4	315.9	300.0	284.1
57.5°	407.2	413.9	423.2	434.1	427.6	409.0	385.7	364.5	343.2	322.6	302.1
60°	440.5	450.1	463.6	478.7	479.5	459.0	427.4	399.5	372.2	346.1	320.9
62.5°	471.9	484.0	501.0	521.0	532.6	511.4	471.7	436.6	402.6	370.5	340.2
65°	501.2	515.6	535.7	561.2	586.3	563.1	518.7	475.1	434.0	395.6	360.1
67.5°	528.1	545.0	567.9	599.3	629.6	614.3	567.1	514.8	466.3	421.3	380.3
70°	553.1	573.5	600.0	633.3	661.4	647.8	595.2	534.7	480.4	430.7	386.6
72.5°	572.0	590.6	613.9	639.1	660.6	651.4	601.5	541.4	486.6	435.8	390.5
75°	586.1	603.4	626.3	648.2	662.5	654.7	606.1	547.1	492.2	440.6	394.0
77.5°	601.2	616.5	639.2	659.9	666.7	657.8	609.1	551.8	497.0	444.9	397.2
80°	617.2	630.0	652.8	673.8	672.6	660.3	610.7	555.7	501.3	448.8	400.0
82.5°	634.0	643.9	667.1	689.2	679.8	662.3	611.1	558.6	504.8	452.2	403.8
85°	651.4	658.4	681.9	705.7	687.7	665.6	611.8	562.2	509.0	456.2	405.1
87.5°	669.1	673.1	697.1	722.8	696.2	664.6	608.8	562.5	510.3	458.0	406.5
90°	687.2	689.1	713.6	739.1	703.8	663.7	605.8	562.7	511.7	459.8	407.8
92.5°	669.1	673.1	697.1	722.8	696.2	664.6	608.8	562.5	510.3	458.0	406.5
95°	651.4	658.4	681.9	705.7	687.7	665.6	611.8	562.2	509.0	456.2	405.1
97.5°	634.0	643.9	667.1	689.2	679.8	662.3	611.1	558.6	504.8	452.2	403.8
100°	617.2	630.0	652.8	673.8	672.6	660.3	610.7	555.7	501.3	448.8	400.0
102.5°	601.2	616.5	639.2	659.9	666.7	657.8	609.1	551.8	497.0	444.9	397.2
105°	586.1	603.4	626.3	648.2	662.5	654.7	606.1	547.1	492.2	440.6	394.0
107.5°	572.0	590.6	613.9	639.1	660.6	651.4	601.5	541.4	486.6	435.8	390.5
110°	553.1	573.5	600.0	633.3	661.4	647.8	595.2	534.7	480.4	430.7	386.6



TEST NUMBER: P231941

CATALOG NUMBER: FVS4WM-2-LD4-35-2HI-PA187-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
112.5°	528.1	545.0	567.9	599.3	629.6	614.3	567.1	514.8	466.3	421.3	380.3
115°	501.2	515.6	535.7	561.2	586.3	563.1	518.7	475.1	434.0	395.6	360.1
117.5°	471.9	484.0	501.0	521.0	532.6	511.4	471.7	436.6	402.6	370.5	340.2
120°	440.5	450.1	463.6	478.7	479.5	459.0	427.4	399.5	372.2	346.1	320.9
122.5°	407.2	413.9	423.2	434.1	427.6	409.0	385.7	364.5	343.2	322.6	302.1
125°	370.8	374.2	379.7	384.9	377.0	361.6	346.3	331.4	315.9	300.0	284.1
127.5°	330.6	330.4	333.0	332.9	327.4	317.3	309.3	300.3	290.0	278.6	266.8
130°	293.4	283.2	283.0	282.8	280.9	277.4	275.1	271.3	265.6	258.3	250.3
132.5°	275.2	264.5	255.0	247.2	241.7	241.5	243.9	244.7	242.8	239.3	234.3
135°	257.5	247.4	239.2	232.5	227.3	226.2	225.7	225.4	223.7	221.9	218.1
137.5°	239.1	230.7	223.0	217.4	213.8	212.0	211.4	210.2	208.1	205.7	200.5
140°	221.1	213.2	207.2	201.9	199.4	197.7	196.7	194.6	192.0	189.1	182.9
142.5°	202.4	196.2	190.4	187.0	184.3	182.9	181.1	178.5	175.5	172.2	165.2
145°	184.0	178.5	174.3	170.9	169.0	167.4	164.8	162.2	158.5	154.2	147.6
147.5°	165.2	160.9	157.3	154.8	153.2	150.9	148.0	144.7	141.0	136.0	129.9
150°	146.5	142.9	140.2	138.5	136.5	133.6	130.5	126.9	123.4	117.8	112.3
152.5°	127.1	124.9	123.3	121.4	118.6	115.7	112.3	108.6	104.3	99.6	94.0
155°	115.8	111.8	107.6	102.9	100.1	96.9	93.3	89.6	85.7	81.4	75.8
157.5°	106.7	102.5	98.2	93.9	89.3	84.5	79.6	75.0	70.2	65.1	59.2
160°	96.0	92.1	88.2	84.1	79.9	75.6	71.4	67.1	62.7	57.6	52.3
162.5°	84.9	81.1	77.6	73.9	70.2	66.5	62.8	58.9	54.6	50.0	45.3
165°	72.6	69.7	67.0	63.6	60.4	57.2	53.9	50.2	46.3	42.4	38.4
167.5°	60.4	58.0	55.5	52.9	50.3	47.4	44.4	41.2	38.0	34.7	32.0
170°	48.0	46.1	44.1	41.8	39.5	37.2	34.7	32.2	29.7	27.6	25.7
172.5°	35.1	33.6	32.1	30.4	28.7	26.9	25.1	23.6	22.2	20.8	19.3
175°	22.1	21.1	20.1	19.3	18.5	17.6	16.7	15.8	14.9	13.9	12.9
177.5°	10.8	10.5	10.1	9.7	9.3	8.8	8.4	7.9	7.5	7.0	6.5
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: P231941

CATALOG NUMBER: FVS4WM-2-LD4-35-2HI-PA187-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°	6.0	5.4	4.9	4.4	4.3	4.3	4.3	4.3	4.2	4.2	4.1
5°	11.9	10.9	9.8	8.7	8.7	8.6	8.6	8.5	8.4	8.3	8.2
7.5°	17.8	16.3	14.7	13.1	13.0	12.9	12.8	12.7	12.5	12.4	12.2
10°	23.7	21.6	19.5	17.4	17.3	17.2	17.0	16.9	16.6	16.4	16.1
12.5°	29.5	27.0	24.4	21.8	21.6	21.5	21.2	21.0	20.7	20.4	20.0
15°	35.3	32.3	29.2	26.1	25.9	25.7	25.4	25.1	24.7	24.3	23.9
17.5°	41.0	37.6	34.1	30.5	30.2	29.9	29.5	29.2	28.7	28.2	27.7
20°	46.9	42.9	38.9	34.8	34.5	34.1	33.7	33.2	32.7	32.1	31.7
22.5°	53.1	48.1	43.7	39.2	38.8	38.3	37.8	37.2	36.6	36.2	35.7
25°	69.7	63.9	59.0	53.8	52.8	51.6	50.1	48.5	46.8	45.4	43.8
27.5°	87.1	80.1	74.4	68.4	66.8	65.0	62.8	60.5	58.3	56.1	53.8
30°	104.5	96.5	89.9	83.0	80.7	78.2	75.2	72.1	69.2	66.3	63.3
32.5°	122.0	113.1	105.4	97.6	94.6	91.3	87.3	83.4	79.8	76.1	72.4
35°	139.4	129.8	121.0	112.2	108.4	104.1	99.2	94.4	89.9	85.4	81.0
37.5°	157.0	146.5	136.6	126.8	122.1	116.8	110.8	105.1	99.8	94.4	88.9
40°	174.5	163.2	152.2	141.4	135.7	129.3	122.2	115.5	109.1	103.1	96.4
42.5°	191.9	179.9	167.9	156.0	149.3	141.7	133.6	125.6	118.3	111.7	103.4
45°	209.0	196.6	183.6	170.6	162.8	153.9	144.4	135.4	127.3	119.1	110.0
47.5°	222.7	209.0	194.4	179.9	169.8	159.2	148.7	139.3	131.4	122.9	113.5
50°	236.5	221.2	205.3	189.1	176.6	164.0	152.2	142.0	133.5	124.4	114.4
52.5°	250.7	233.4	216.1	198.4	183.2	168.6	155.7	144.8	135.5	126.1	116.0
55°	265.2	245.7	227.0	207.6	189.8	173.1	159.0	147.5	137.5	127.9	118.1
57.5°	280.1	258.0	238.0	216.9	196.2	177.5	162.4	150.2	139.7	130.0	120.9
60°	295.2	270.3	249.0	226.1	202.6	181.8	165.7	152.9	142.0	132.4	124.5
62.5°	310.5	282.6	259.9	235.4	208.8	186.1	168.9	155.5	144.4	135.3	128.0
65°	326.1	294.9	270.9	244.6	215.1	190.2	172.2	158.2	146.9	138.6	132.1
67.5°	341.7	307.2	281.9	253.9	221.2	194.4	175.5	160.9	149.5	142.3	136.5
70°	346.6	310.9	282.5	252.6	219.7	192.9	173.8	159.4	148.7	142.5	137.5
72.5°	350.4	314.5	283.0	251.3	218.3	191.3	171.7	157.4	147.1	141.4	136.4
75°	353.9	318.0	284.6	250.0	216.8	189.8	169.7	155.6	145.6	140.3	135.4
77.5°	357.1	321.6	284.7	248.7	215.5	188.5	167.8	153.9	144.3	139.3	134.5
80°	360.0	326.4	284.9	247.3	214.2	187.2	166.0	152.3	143.0	138.4	133.7
82.5°	363.6	329.3	285.0	246.0	213.0	186.1	164.3	150.8	141.9	137.6	133.0
85°	365.6	332.3	285.1	244.7	211.9	185.0	162.7	149.4	140.9	136.8	132.4
87.5°	367.6	335.2	285.2	243.4	210.8	184.1	161.2	148.2	140.0	136.0	131.9
90°	369.6	338.2	285.3	242.1	209.8	183.3	159.8	147.0	139.2	135.3	131.4
92.5°	367.6	335.2	285.2	243.4	210.8	184.1	161.2	148.2	140.0	136.0	131.9
95°	365.6	332.3	285.1	244.7	211.9	185.0	162.7	149.4	140.9	136.8	132.4
97.5°	363.6	329.3	285.0	246.0	213.0	186.1	164.3	150.8	141.9	137.6	133.0
100°	360.0	326.4	284.9	247.3	214.2	187.2	166.0	152.3	143.0	138.4	133.7
102.5°	357.1	321.6	284.7	248.7	215.5	188.5	167.8	153.9	144.3	139.3	134.5
105°	353.9	318.0	284.6	250.0	216.8	189.8	169.7	155.6	145.6	140.3	135.4
107.5°	350.4	314.5	283.0	251.3	218.3	191.3	171.7	157.4	147.1	141.4	136.4
110°	346.6	310.9	282.5	252.6	219.7	192.9	173.8	159.4	148.7	142.5	137.5



TEST NUMBER: P231941

CATALOG NUMBER: FVS4WM-2-LD4-35-2HI-PA187-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
112.5°	341.7	307.2	281.9	253.9	221.2	194.4	175.5	160.9	149.5	142.3	136.5
115°	326.1	294.9	270.9	244.6	215.1	190.2	172.2	158.2	146.9	138.6	132.1
117.5°	310.5	282.6	259.9	235.4	208.8	186.1	168.9	155.5	144.4	135.3	128.0
120°	295.2	270.3	249.0	226.1	202.6	181.8	165.7	152.9	142.0	132.4	124.5
122.5°	280.1	258.0	238.0	216.9	196.2	177.5	162.4	150.2	139.7	130.0	120.9
125°	265.2	245.7	227.0	207.6	189.8	173.1	159.0	147.5	137.5	127.9	118.1
127.5°	250.7	233.4	216.1	198.4	183.2	168.6	155.7	144.8	135.5	126.1	116.0
130°	236.5	221.2	205.3	189.1	176.6	164.0	152.2	142.0	133.5	124.4	114.4
132.5°	222.7	209.0	194.4	179.9	169.8	159.2	148.7	139.3	131.4	122.9	113.5
135°	209.0	196.6	183.6	170.6	162.8	153.9	144.4	135.4	127.3	119.1	110.0
137.5°	191.9	179.9	167.9	156.0	149.3	141.7	133.6	125.6	118.3	111.7	103.4
140°	174.5	163.2	152.2	141.4	135.7	129.3	122.2	115.5	109.1	103.1	96.4
142.5°	157.0	146.5	136.6	126.8	122.1	116.8	110.8	105.1	99.8	94.4	88.9
145°	139.4	129.8	121.0	112.2	108.4	104.1	99.2	94.4	89.9	85.4	81.0
147.5°	122.0	113.1	105.4	97.6	94.6	91.3	87.3	83.4	79.8	76.1	72.4
150°	104.5	96.5	89.9	83.0	80.7	78.2	75.2	72.1	69.2	66.3	63.3
152.5°	87.1	80.1	74.4	68.4	66.8	65.0	62.8	60.5	58.3	56.1	53.8
155°	69.7	63.9	59.0	53.8	52.8	51.6	50.1	48.5	46.8	45.4	43.8
157.5°	53.1	48.1	43.7	39.2	38.8	38.3	37.8	37.2	36.6	36.2	35.7
160°	46.9	42.9	38.9	34.8	34.5	34.1	33.7	33.2	32.7	32.1	31.7
162.5°	41.0	37.6	34.1	30.5	30.2	29.9	29.5	29.2	28.7	28.2	27.7
165°	35.3	32.3	29.2	26.1	25.9	25.7	25.4	25.1	24.7	24.3	23.9
167.5°	29.5	27.0	24.4	21.8	21.6	21.5	21.2	21.0	20.7	20.4	20.0
170°	23.7	21.6	19.5	17.4	17.3	17.2	17.0	16.9	16.6	16.4	16.1
172.5°	17.8	16.3	14.7	13.1	13.0	12.9	12.8	12.7	12.5	12.4	12.2
175°	11.9	10.9	9.8	8.7	8.7	8.6	8.6	8.5	8.4	8.3	8.2
177.5°	6.0	5.4	4.9	4.4	4.3	4.3	4.3	4.3	4.2	4.2	4.1
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: P231941

CATALOG NUMBER: FVS4WM-2-LD4-35-2HI-PA187-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°	4.1	4.0	3.9	3.8	3.7	3.6	3.5	3.4	3.3	3.2	3.0
5°	8.0	7.9	7.7	7.5	7.4	7.2	6.9	6.7	6.5	6.2	6.0
7.5°	12.0	11.7	11.5	11.2	10.9	10.6	10.3	9.9	9.6	9.2	8.8
10°	15.8	15.5	15.2	14.8	14.4	14.0	13.6	13.2	12.8	12.3	11.8
12.5°	19.7	19.2	18.8	18.4	18.0	17.6	17.1	16.5	15.9	15.2	14.6
15°	23.4	23.1	22.6	22.2	21.7	21.0	20.3	19.6	18.8	18.0	17.2
17.5°	27.4	26.9	26.4	25.8	25.0	24.2	23.4	22.5	21.6	20.7	19.8
20°	31.3	30.8	30.0	29.2	28.3	27.4	26.4	25.4	24.4	23.6	22.6
22.5°	35.3	34.4	33.4	32.5	31.5	30.4	29.4	28.5	27.6	26.6	25.4
25°	41.9	39.9	37.8	35.8	34.6	33.7	32.8	31.9	30.6	29.2	27.9
27.5°	51.3	48.7	46.1	43.4	41.0	38.9	36.8	34.7	33.2	31.8	30.2
30°	60.2	56.9	53.6	50.3	47.2	44.3	41.5	38.9	36.6	34.4	32.6
32.5°	68.4	64.3	60.1	56.0	52.1	48.5	45.2	42.2	39.6	37.3	35.1
35°	76.0	71.0	65.6	60.5	55.9	51.8	48.1	44.8	42.1	39.5	36.9
37.5°	83.0	76.5	69.9	64.2	59.0	54.4	50.4	47.1	44.1	41.1	38.4
40°	89.3	81.1	73.8	67.2	61.5	56.4	52.6	49.0	45.6	42.8	40.4
42.5°	94.4	84.8	76.9	69.7	63.3	58.6	54.4	50.5	47.3	44.8	42.3
45°	98.8	88.5	79.4	71.7	65.3	60.4	55.9	52.1	49.4	46.7	44.0
47.5°	101.8	91.4	81.8	73.2	67.3	62.1	57.3	54.3	51.4	48.5	46.0
50°	103.3	93.6	84.3	76.2	69.7	63.8	59.6	56.4	53.3	50.5	47.8
52.5°	105.8	96.3	87.2	80.1	73.8	68.2	64.3	59.8	55.3	52.6	49.3
55°	108.8	99.6	90.7	84.1	78.3	74.0	70.4	65.9	60.8	55.8	51.0
57.5°	112.2	103.2	95.1	88.7	83.1	80.4	76.7	71.5	65.4	59.5	54.1
60°	116.1	107.0	99.7	93.7	89.4	87.3	83.5	76.3	69.2	62.5	56.6
62.5°	120.3	111.1	104.4	98.9	96.3	94.1	89.1	80.5	72.4	65.1	58.6
65°	124.6	115.9	109.5	104.4	103.6	101.2	93.8	84.1	75.2	67.2	60.1
67.5°	129.2	121.0	115.0	110.7	111.3	108.5	98.0	87.4	77.8	69.1	61.4
70°	130.9	124.2	119.4	117.5	118.6	114.7	102.0	90.5	80.1	70.8	62.6
72.5°	129.9	124.0	119.4	118.1	118.8	114.6	103.9	93.0	82.2	72.3	63.5
75°	129.3	124.1	119.4	118.4	118.2	113.3	104.4	94.3	83.4	73.7	64.7
77.5°	128.9	124.3	119.5	118.4	117.6	112.9	105.8	95.8	85.0	75.3	66.2
80°	128.7	124.7	119.6	118.2	117.0	113.4	108.1	97.7	86.9	77.3	67.9
82.5°	128.7	125.2	119.7	117.9	116.4	114.5	110.9	99.9	89.1	79.8	69.7
85°	128.8	125.9	119.9	117.5	115.8	116.0	114.3	102.5	91.7	82.5	71.9
87.5°	129.1	126.6	120.2	117.1	115.2	117.8	117.9	105.4	94.6	85.7	74.4
90°	129.4	127.4	120.6	116.7	114.7	119.6	121.6	108.8	98.0	89.2	77.4
92.5°	129.1	126.6	120.2	117.1	115.2	117.8	117.9	105.4	94.6	85.7	74.4
95°	128.8	125.9	119.9	117.5	115.8	116.0	114.3	102.5	91.7	82.5	71.9
97.5°	128.7	125.2	119.7	117.9	116.4	114.5	110.9	99.9	89.1	79.8	69.7
100°	128.7	124.7	119.6	118.2	117.0	113.4	108.1	97.7	86.9	77.3	67.9
102.5°	128.9	124.3	119.5	118.4	117.6	112.9	105.8	95.8	85.0	75.3	66.2
105°	129.3	124.1	119.4	118.4	118.2	113.3	104.4	94.3	83.4	73.7	64.7
107.5°	129.9	124.0	119.4	118.1	118.8	114.6	103.9	93.0	82.2	72.3	63.5
110°	130.9	124.2	119.4	117.5	118.6	114.7	102.0	90.5	80.1	70.8	62.6



TEST NUMBER: P231941

CATALOG NUMBER: FVS4WM-2-LD4-35-2HI-PA187-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
112.5°	129.2	121.0	115.0	110.7	111.3	108.5	98.0	87.4	77.8	69.1	61.4
115°	124.6	115.9	109.5	104.4	103.6	101.2	93.8	84.1	75.2	67.2	60.1
117.5°	120.3	111.1	104.4	98.9	96.3	94.1	89.1	80.5	72.4	65.1	58.6
120°	116.1	107.0	99.7	93.7	89.4	87.3	83.5	76.3	69.2	62.5	56.6
122.5°	112.2	103.2	95.1	88.7	83.1	80.4	76.7	71.5	65.4	59.5	54.1
125°	108.8	99.6	90.7	84.1	78.3	74.0	70.4	65.9	60.8	55.8	51.0
127.5°	105.8	96.3	87.2	80.1	73.8	68.2	64.3	59.8	55.3	52.6	49.3
130°	103.3	93.6	84.3	76.2	69.7	63.8	59.6	56.4	53.3	50.5	47.8
132.5°	101.8	91.4	81.8	73.2	67.3	62.1	57.3	54.3	51.4	48.5	46.0
135°	98.8	88.5	79.4	71.7	65.3	60.4	55.9	52.1	49.4	46.7	44.0
137.5°	94.4	84.8	76.9	69.7	63.3	58.6	54.4	50.5	47.3	44.8	42.3
140°	89.3	81.1	73.8	67.2	61.5	56.4	52.6	49.0	45.6	42.8	40.4
142.5°	83.0	76.5	69.9	64.2	59.0	54.4	50.4	47.1	44.1	41.1	38.4
145°	76.0	71.0	65.6	60.5	55.9	51.8	48.1	44.8	42.1	39.5	36.9
147.5°	68.4	64.3	60.1	56.0	52.1	48.5	45.2	42.2	39.6	37.3	35.1
150°	60.2	56.9	53.6	50.3	47.2	44.3	41.5	38.9	36.6	34.4	32.6
152.5°	51.3	48.7	46.1	43.4	41.0	38.9	36.8	34.7	33.2	31.8	30.2
155°	41.9	39.9	37.8	35.8	34.6	33.7	32.8	31.9	30.6	29.2	27.9
157.5°	35.3	34.4	33.4	32.5	31.5	30.4	29.4	28.5	27.6	26.6	25.4
160°	31.3	30.8	30.0	29.2	28.3	27.4	26.4	25.4	24.4	23.6	22.6
162.5°	27.4	26.9	26.4	25.8	25.0	24.2	23.4	22.5	21.6	20.7	19.8
165°	23.4	23.1	22.6	22.2	21.7	21.0	20.3	19.6	18.8	18.0	17.2
167.5°	19.7	19.2	18.8	18.4	18.0	17.6	17.1	16.5	15.9	15.2	14.6
170°	15.8	15.5	15.2	14.8	14.4	14.0	13.6	13.2	12.8	12.3	11.8
172.5°	12.0	11.7	11.5	11.2	10.9	10.6	10.3	9.9	9.6	9.2	8.8
175°	8.0	7.9	7.7	7.5	7.4	7.2	6.9	6.7	6.5	6.2	6.0
177.5°	4.1	4.0	3.9	3.8	3.7	3.6	3.5	3.4	3.3	3.2	3.0
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: P231941

CATALOG NUMBER: FVS4WM-2-LD4-35-2HI-PA187-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°	2.9	2.7	2.6	2.4	2.3	2.1	2.0	1.8	1.6	1.5	1.3
5°	5.7	5.4	5.1	4.8	4.5	4.2	3.9	3.5	3.2	2.8	2.5
7.5°	8.4	8.0	7.6	7.2	6.7	6.2	5.8	5.3	4.8	4.3	3.8
10°	11.3	10.7	10.1	9.5	8.9	8.2	7.6	6.9	6.3	5.6	4.9
12.5°	13.9	13.2	12.4	11.7	10.9	10.1	9.3	8.5	7.7	6.9	6.0
15°	16.4	15.5	14.6	13.7	12.9	12.0	11.1	10.1	9.2	8.2	7.2
17.5°	18.9	18.0	17.0	16.1	15.1	14.1	12.9	11.8	10.7	9.5	8.3
20°	21.7	20.6	19.4	18.2	17.0	15.8	14.5	13.2	12.0	10.7	9.4
22.5°	24.1	22.8	21.5	20.2	18.8	17.5	16.1	14.6	13.2	11.8	10.3
25°	26.5	25.0	23.6	22.1	20.6	19.1	17.5	16.0	14.4	12.7	11.1
27.5°	28.7	27.1	25.6	23.9	22.2	20.4	18.6	16.9	15.2	13.5	11.8
30°	30.9	29.2	27.2	25.3	23.3	21.6	19.8	18.1	16.3	14.5	12.7
32.5°	32.9	30.6	28.6	26.7	24.9	23.0	21.1	19.3	17.4	15.4	13.5
35°	34.3	32.3	30.3	28.4	26.4	24.4	22.4	20.4	18.4	16.3	14.2
37.5°	36.3	34.1	32.0	30.0	27.9	25.8	23.6	21.3	19.0	16.7	14.6
40°	38.1	35.8	33.7	31.5	29.2	26.7	24.2	21.9	19.7	17.5	15.3
42.5°	39.8	37.5	35.3	32.6	29.9	27.5	25.2	22.9	20.3	17.8	15.4
45°	41.6	39.2	36.3	33.6	31.0	28.5	25.8	23.0	20.7	18.4	16.1
47.5°	43.3	40.3	37.4	34.7	31.9	28.9	26.3	23.9	21.6	19.2	16.9
50°	44.7	41.6	38.6	35.5	32.5	29.8	27.2	24.8	22.4	19.9	17.5
52.5°	46.0	42.8	39.5	36.4	33.4	30.8	28.2	25.6	23.1	20.5	18.1
55°	47.3	43.9	40.5	37.3	34.5	31.8	29.1	26.4	23.7	21.0	18.1
57.5°	49.3	45.1	41.6	38.6	35.7	32.9	29.9	26.9	24.0	21.0	17.9
60°	51.3	46.7	42.9	39.9	36.9	33.7	30.4	27.4	24.2	20.9	17.7
62.5°	52.8	47.8	43.9	40.7	37.6	34.3	31.3	27.9	24.3	20.8	17.7
65°	53.9	48.7	44.5	40.9	37.3	34.6	31.9	28.1	24.1	20.4	16.9
67.5°	54.7	49.3	44.9	40.6	37.0	33.8	30.9	27.6	23.5	19.6	16.0
70°	55.5	49.7	44.9	40.2	36.3	32.7	29.1	25.6	22.3	18.6	14.9
72.5°	55.9	50.1	44.7	39.7	35.4	31.4	27.4	23.9	20.5	17.1	13.8
75°	56.7	50.4	44.6	39.0	34.4	30.0	26.1	22.5	18.9	15.4	12.7
77.5°	58.0	51.0	44.4	38.4	33.5	28.9	25.1	21.3	17.5	14.5	11.5
80°	59.3	51.6	44.4	38.1	32.5	27.8	24.0	20.5	16.8	13.7	9.9
82.5°	60.8	52.3	44.6	37.8	31.6	26.5	22.3	18.7	15.7	12.3	8.2
85°	62.4	53.1	45.1	37.6	30.9	25.2	20.8	17.3	14.5	11.1	7.4
87.5°	64.4	54.3	45.9	37.7	30.4	24.2	19.5	16.3	13.4	10.6	7.3
90°	66.7	55.9	47.1	38.2	30.4	23.5	18.6	15.7	12.7	10.8	7.8
92.5°	64.4	54.3	45.9	37.7	30.4	24.2	19.5	16.3	13.4	10.6	7.3
95°	62.4	53.1	45.1	37.6	30.9	25.2	20.8	17.3	14.5	11.1	7.4
97.5°	60.8	52.3	44.6	37.8	31.6	26.5	22.3	18.7	15.7	12.3	8.2
100°	59.3	51.6	44.4	38.1	32.5	27.8	24.0	20.5	16.8	13.7	9.9
102.5°	58.0	51.0	44.4	38.4	33.5	28.9	25.1	21.3	17.5	14.5	11.5
105°	56.7	50.4	44.6	39.0	34.4	30.0	26.1	22.5	18.9	15.4	12.7
107.5°	55.9	50.1	44.7	39.7	35.4	31.4	27.4	23.9	20.5	17.1	13.8
110°	55.5	49.7	44.9	40.2	36.3	32.7	29.1	25.6	22.3	18.6	14.9



TEST NUMBER: P231941

CATALOG NUMBER: FVS4WM-2-LD4-35-2HI-PA187-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
112.5°	54.7	49.3	44.9	40.6	37.0	33.8	30.9	27.6	23.5	19.6	16.0
115°	53.9	48.7	44.5	40.9	37.3	34.6	31.9	28.1	24.1	20.4	16.9
117.5°	52.8	47.8	43.9	40.7	37.6	34.3	31.3	27.9	24.3	20.8	17.7
120°	51.3	46.7	42.9	39.9	36.9	33.7	30.4	27.4	24.2	20.9	17.7
122.5°	49.3	45.1	41.6	38.6	35.7	32.9	29.9	26.9	24.0	21.0	17.9
125°	47.3	43.9	40.5	37.3	34.5	31.8	29.1	26.4	23.7	21.0	18.1
127.5°	46.0	42.8	39.5	36.4	33.4	30.8	28.2	25.6	23.1	20.5	18.1
130°	44.7	41.6	38.6	35.5	32.5	29.8	27.2	24.8	22.4	19.9	17.5
132.5°	43.3	40.3	37.4	34.7	31.9	28.9	26.3	23.9	21.6	19.2	16.9
135°	41.6	39.2	36.3	33.6	31.0	28.5	25.8	23.0	20.7	18.4	16.1
137.5°	39.8	37.5	35.3	32.6	29.9	27.5	25.2	22.9	20.3	17.8	15.4
140°	38.1	35.8	33.7	31.5	29.2	26.7	24.2	21.9	19.7	17.5	15.3
142.5°	36.3	34.1	32.0	30.0	27.9	25.8	23.6	21.3	19.0	16.7	14.6
145°	34.3	32.3	30.3	28.4	26.4	24.4	22.4	20.4	18.4	16.3	14.2
147.5°	32.9	30.6	28.6	26.7	24.9	23.0	21.1	19.3	17.4	15.4	13.5
150°	30.9	29.2	27.2	25.3	23.3	21.6	19.8	18.1	16.3	14.5	12.7
152.5°	28.7	27.1	25.6	23.9	22.2	20.4	18.6	16.9	15.2	13.5	11.8
155°	26.5	25.0	23.6	22.1	20.6	19.1	17.5	16.0	14.4	12.7	11.1
157.5°	24.1	22.8	21.5	20.2	18.8	17.5	16.1	14.6	13.2	11.8	10.3
160°	21.7	20.6	19.4	18.2	17.0	15.8	14.5	13.2	12.0	10.7	9.4
162.5°	18.9	18.0	17.0	16.1	15.1	14.1	12.9	11.8	10.7	9.5	8.3
165°	16.4	15.5	14.6	13.7	12.9	12.0	11.1	10.1	9.2	8.2	7.2
167.5°	13.9	13.2	12.4	11.7	10.9	10.1	9.3	8.5	7.7	6.9	6.0
170°	11.3	10.7	10.1	9.5	8.9	8.2	7.6	6.9	6.3	5.6	4.9
172.5°	8.4	8.0	7.6	7.2	6.7	6.2	5.8	5.3	4.8	4.3	3.8
175°	5.7	5.4	5.1	4.8	4.5	4.2	3.9	3.5	3.2	2.8	2.5
177.5°	2.9	2.7	2.6	2.4	2.3	2.1	2.0	1.8	1.6	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: P231941

CATALOG NUMBER: FVS4WM-2-LD4-35-2HI-PA187-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	0.9	0.7	0.6	0.4	0.2	0.0	0.2	0.4	0.6	0.7
5°	2.2	1.8	1.4	1.1	0.7	0.4	0.0	0.4	0.7	1.1	1.4
7.5°	3.2	2.7	2.2	1.6	1.1	0.5	0.0	0.5	1.1	1.6	2.2
10°	4.2	3.5	2.8	2.1	1.4	0.7	0.0	0.7	1.4	2.1	2.8
12.5°	5.2	4.3	3.5	2.6	1.7	0.9	0.0	0.9	1.7	2.6	3.5
15°	6.2	5.2	4.2	3.1	2.1	1.1	0.0	1.1	2.1	3.1	4.2
17.5°	7.2	6.0	4.8	3.6	2.4	1.2	0.0	1.2	2.4	3.6	4.8
20°	8.0	6.7	5.4	4.0	2.7	1.3	0.0	1.3	2.7	4.0	5.4
22.5°	8.9	7.4	5.9	4.5	3.0	1.5	0.0	1.5	3.0	4.5	5.9
25°	9.5	7.9	6.3	4.7	3.2	1.6	0.0	1.6	3.2	4.7	6.3
27.5°	10.2	8.5	6.8	5.1	3.4	1.7	0.0	1.7	3.4	5.1	6.8
30°	10.9	9.1	7.3	5.5	3.6	1.8	0.0	1.8	3.6	5.5	7.3
32.5°	11.6	9.7	7.7	5.8	3.9	1.9	0.0	1.9	3.9	5.8	7.7
35°	12.1	10.0	8.0	6.0	4.0	2.0	0.0	2.0	4.0	6.0	8.0
37.5°	12.5	10.4	8.4	6.3	4.2	2.1	0.0	2.1	4.2	6.3	8.4
40°	13.0	10.7	8.5	6.3	4.2	2.1	0.0	2.1	4.2	6.3	8.5
42.5°	13.2	11.0	8.8	6.6	4.4	2.2	0.0	2.2	4.4	6.6	8.8
45°	13.9	11.7	9.5	7.4	5.3	3.2	1.0	3.2	5.3	7.4	9.5
47.5°	14.6	12.3	10.1	7.8	5.5	3.3	1.0	3.3	5.5	7.8	10.1
50°	15.1	12.7	10.4	8.0	5.7	3.3	1.0	3.3	5.7	8.0	10.4
52.5°	15.6	12.9	10.4	7.9	5.6	3.3	1.0	3.3	5.6	7.9	10.4
55°	15.3	12.6	10.1	7.7	5.4	3.2	1.0	3.2	5.4	7.7	10.1
57.5°	14.8	12.3	10.0	7.7	5.4	3.2	1.0	3.2	5.4	7.7	10.0
60°	15.0	12.4	9.9	7.5	5.2	3.1	1.0	3.1	5.2	7.5	9.9
62.5°	14.6	11.8	9.3	7.0	4.9	2.9	1.0	2.9	4.9	7.0	9.3
65°	13.8	11.0	8.5	6.3	4.4	2.6	1.0	2.6	4.4	6.3	8.5
67.5°	12.8	9.9	7.5	5.5	3.8	2.3	1.0	2.3	3.8	5.5	7.5
70°	11.6	8.9	6.5	4.5	3.0	1.9	1.0	1.9	3.0	4.5	6.5
72.5°	10.7	8.2	5.6	3.5	2.5	1.7	1.0	1.7	2.5	3.5	5.6
75°	10.4	7.7	5.1	3.1	2.0	1.4	1.0	1.4	2.0	3.1	5.1
77.5°	9.1	6.9	4.2	2.2	0.7	0.1	0.0	0.1	0.7	2.2	4.2
80°	7.0	4.6	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.5
82.5°	5.0	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	3.6	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	3.4	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	3.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	3.4	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	3.6	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	5.0	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	7.0	4.6	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.5
102.5°	9.1	6.9	4.2	2.2	0.7	0.1	0.0	0.1	0.7	2.2	4.2
105°	10.4	7.7	5.1	3.1	2.0	1.4	1.0	1.4	2.0	3.1	5.1
107.5°	10.7	8.2	5.6	3.5	2.5	1.7	1.0	1.7	2.5	3.5	5.6
110°	11.6	8.9	6.5	4.5	3.0	1.9	1.0	1.9	3.0	4.5	6.5



TEST NUMBER: P231941

CATALOG NUMBER: FVS4WM-2-LD4-35-2HI-PA187-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
112.5°	12.8	9.9	7.5	5.5	3.8	2.3	1.0	2.3	3.8	5.5	7.5
115°	13.8	11.0	8.5	6.3	4.4	2.6	1.0	2.6	4.4	6.3	8.5
117.5°	14.6	11.8	9.3	7.0	4.9	2.9	1.0	2.9	4.9	7.0	9.3
120°	15.0	12.4	9.9	7.5	5.2	3.1	1.0	3.1	5.2	7.5	9.9
122.5°	14.8	12.3	10.0	7.7	5.4	3.2	1.0	3.2	5.4	7.7	10.0
125°	15.3	12.6	10.1	7.7	5.4	3.2	1.0	3.2	5.4	7.7	10.1
127.5°	15.6	12.9	10.4	7.9	5.6	3.3	1.0	3.3	5.6	7.9	10.4
130°	15.1	12.7	10.4	8.0	5.7	3.3	1.0	3.3	5.7	8.0	10.4
132.5°	14.6	12.3	10.1	7.8	5.5	3.3	1.0	3.3	5.5	7.8	10.1
135°	13.9	11.7	9.5	7.4	5.3	3.2	1.0	3.2	5.3	7.4	9.5
137.5°	13.2	11.0	8.8	6.6	4.4	2.2	0.0	2.2	4.4	6.6	8.8
140°	13.0	10.7	8.5	6.3	4.2	2.1	0.0	2.1	4.2	6.3	8.5
142.5°	12.5	10.4	8.4	6.3	4.2	2.1	0.0	2.1	4.2	6.3	8.4
145°	12.1	10.0	8.0	6.0	4.0	2.0	0.0	2.0	4.0	6.0	8.0
147.5°	11.6	9.7	7.7	5.8	3.9	1.9	0.0	1.9	3.9	5.8	7.7
150°	10.9	9.1	7.3	5.5	3.6	1.8	0.0	1.8	3.6	5.5	7.3
152.5°	10.2	8.5	6.8	5.1	3.4	1.7	0.0	1.7	3.4	5.1	6.8
155°	9.5	7.9	6.3	4.7	3.2	1.6	0.0	1.6	3.2	4.7	6.3
157.5°	8.9	7.4	5.9	4.5	3.0	1.5	0.0	1.5	3.0	4.5	5.9
160°	8.0	6.7	5.4	4.0	2.7	1.3	0.0	1.3	2.7	4.0	5.4
162.5°	7.2	6.0	4.8	3.6	2.4	1.2	0.0	1.2	2.4	3.6	4.8
165°	6.2	5.2	4.2	3.1	2.1	1.1	0.0	1.1	2.1	3.1	4.2
167.5°	5.2	4.3	3.5	2.6	1.7	0.9	0.0	0.9	1.7	2.6	3.5
170°	4.2	3.5	2.8	2.1	1.4	0.7	0.0	0.7	1.4	2.1	2.8
172.5°	3.2	2.7	2.2	1.6	1.1	0.5	0.0	0.5	1.1	1.6	2.2
175°	2.2	1.8	1.4	1.1	0.7	0.4	0.0	0.4	0.7	1.1	1.4
177.5°	1.1	0.9	0.7	0.6	0.4	0.2	0.0	0.2	0.4	0.6	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: P231941

CATALOG NUMBER: FVS4WM-2-LD4-35-2HI-PA187-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	1.1	1.3	1.5	1.6	1.8	2.0	2.1	2.3	2.4	2.6
5°	1.8	2.2	2.5	2.8	3.2	3.5	3.9	4.2	4.5	4.8	5.1
7.5°	2.7	3.2	3.8	4.3	4.8	5.3	5.8	6.2	6.7	7.2	7.6
10°	3.5	4.2	4.9	5.6	6.3	6.9	7.6	8.2	8.9	9.5	10.1
12.5°	4.3	5.2	6.0	6.9	7.7	8.5	9.3	10.1	10.9	11.7	12.4
15°	5.2	6.2	7.2	8.2	9.2	10.1	11.1	12.0	12.9	13.7	14.6
17.5°	6.0	7.2	8.3	9.5	10.7	11.8	12.9	14.1	15.1	16.1	17.0
20°	6.7	8.0	9.4	10.7	12.0	13.2	14.5	15.8	17.0	18.2	19.4
22.5°	7.4	8.9	10.3	11.8	13.2	14.6	16.1	17.5	18.8	20.2	21.5
25°	7.9	9.5	11.1	12.7	14.4	16.0	17.5	19.1	20.6	22.1	23.6
27.5°	8.5	10.2	11.8	13.5	15.2	16.9	18.6	20.4	22.2	23.9	25.6
30°	9.1	10.9	12.7	14.5	16.3	18.1	19.8	21.6	23.3	25.3	27.2
32.5°	9.7	11.6	13.5	15.4	17.4	19.3	21.1	23.0	24.9	26.7	28.6
35°	10.0	12.1	14.2	16.3	18.4	20.4	22.4	24.4	26.4	28.4	30.3
37.5°	10.4	12.5	14.6	16.7	19.0	21.3	23.6	25.8	27.9	30.0	32.0
40°	10.7	13.0	15.3	17.5	19.7	21.9	24.2	26.7	29.2	31.5	33.7
42.5°	11.0	13.2	15.4	17.8	20.3	22.9	25.2	27.5	29.9	32.6	35.3
45°	11.7	13.9	16.1	18.4	20.7	23.0	25.8	28.5	31.0	33.6	36.3
47.5°	12.3	14.6	16.9	19.2	21.6	23.9	26.3	28.9	31.9	34.7	37.4
50°	12.7	15.1	17.5	19.9	22.4	24.8	27.2	29.8	32.5	35.5	38.6
52.5°	12.9	15.6	18.1	20.5	23.1	25.6	28.2	30.8	33.4	36.4	39.5
55°	12.6	15.3	18.1	21.0	23.7	26.4	29.1	31.8	34.5	37.3	40.5
57.5°	12.3	14.8	17.9	21.0	24.0	26.9	29.9	32.9	35.7	38.6	41.6
60°	12.4	15.0	17.7	20.9	24.2	27.4	30.4	33.7	36.9	39.9	42.9
62.5°	11.8	14.6	17.7	20.8	24.3	27.9	31.3	34.3	37.6	40.7	43.9
65°	11.0	13.8	16.9	20.4	24.1	28.1	31.9	34.6	37.3	40.9	44.5
67.5°	9.9	12.8	16.0	19.6	23.5	27.6	30.9	33.8	37.0	40.6	44.9
70°	8.9	11.6	14.9	18.6	22.3	25.6	29.1	32.7	36.3	40.2	44.9
72.5°	8.2	10.7	13.8	17.1	20.5	23.9	27.4	31.4	35.4	39.7	44.7
75°	7.7	10.4	12.7	15.4	18.9	22.5	26.1	30.0	34.4	39.0	44.6
77.5°	6.9	9.1	11.5	14.5	17.5	21.3	25.1	28.9	33.5	38.4	44.4
80°	4.6	7.0	9.9	13.7	16.8	20.5	24.0	27.8	32.5	38.1	44.4
82.5°	2.2	5.0	8.2	12.3	15.7	18.7	22.3	26.5	31.6	37.8	44.6
85°	0.8	3.6	7.4	11.1	14.5	17.3	20.8	25.2	30.9	37.6	45.1
87.5°	0.3	3.4	7.3	10.6	13.4	16.3	19.5	24.2	30.4	37.7	45.9
90°	0.0	3.9	7.8	10.8	12.7	15.7	18.6	23.5	30.4	38.2	47.1
92.5°	0.3	3.4	7.3	10.6	13.4	16.3	19.5	24.2	30.4	37.7	45.9
95°	0.8	3.6	7.4	11.1	14.5	17.3	20.8	25.2	30.9	37.6	45.1
97.5°	2.2	5.0	8.2	12.3	15.7	18.7	22.3	26.5	31.6	37.8	44.6
100°	4.6	7.0	9.9	13.7	16.8	20.5	24.0	27.8	32.5	38.1	44.4
102.5°	6.9	9.1	11.5	14.5	17.5	21.3	25.1	28.9	33.5	38.4	44.4
105°	7.7	10.4	12.7	15.4	18.9	22.5	26.1	30.0	34.4	39.0	44.6
107.5°	8.2	10.7	13.8	17.1	20.5	23.9	27.4	31.4	35.4	39.7	44.7
110°	8.9	11.6	14.9	18.6	22.3	25.6	29.1	32.7	36.3	40.2	44.9



TEST NUMBER: P231941

CATALOG NUMBER: FVS4WM-2-LD4-35-2HI-PA187-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
112.5°	9.9	12.8	16.0	19.6	23.5	27.6	30.9	33.8	37.0	40.6	44.9
115°	11.0	13.8	16.9	20.4	24.1	28.1	31.9	34.6	37.3	40.9	44.5
117.5°	11.8	14.6	17.7	20.8	24.3	27.9	31.3	34.3	37.6	40.7	43.9
120°	12.4	15.0	17.7	20.9	24.2	27.4	30.4	33.7	36.9	39.9	42.9
122.5°	12.3	14.8	17.9	21.0	24.0	26.9	29.9	32.9	35.7	38.6	41.6
125°	12.6	15.3	18.1	21.0	23.7	26.4	29.1	31.8	34.5	37.3	40.5
127.5°	12.9	15.6	18.1	20.5	23.1	25.6	28.2	30.8	33.4	36.4	39.5
130°	12.7	15.1	17.5	19.9	22.4	24.8	27.2	29.8	32.5	35.5	38.6
132.5°	12.3	14.6	16.9	19.2	21.6	23.9	26.3	28.9	31.9	34.7	37.4
135°	11.7	13.9	16.1	18.4	20.7	23.0	25.8	28.5	31.0	33.6	36.3
137.5°	11.0	13.2	15.4	17.8	20.3	22.9	25.2	27.5	29.9	32.6	35.3
140°	10.7	13.0	15.3	17.5	19.7	21.9	24.2	26.7	29.2	31.5	33.7
142.5°	10.4	12.5	14.6	16.7	19.0	21.3	23.6	25.8	27.9	30.0	32.0
145°	10.0	12.1	14.2	16.3	18.4	20.4	22.4	24.4	26.4	28.4	30.3
147.5°	9.7	11.6	13.5	15.4	17.4	19.3	21.1	23.0	24.9	26.7	28.6
150°	9.1	10.9	12.7	14.5	16.3	18.1	19.8	21.6	23.3	25.3	27.2
152.5°	8.5	10.2	11.8	13.5	15.2	16.9	18.6	20.4	22.2	23.9	25.6
155°	7.9	9.5	11.1	12.7	14.4	16.0	17.5	19.1	20.6	22.1	23.6
157.5°	7.4	8.9	10.3	11.8	13.2	14.6	16.1	17.5	18.8	20.2	21.5
160°	6.7	8.0	9.4	10.7	12.0	13.2	14.5	15.8	17.0	18.2	19.4
162.5°	6.0	7.2	8.3	9.5	10.7	11.8	12.9	14.1	15.1	16.1	17.0
165°	5.2	6.2	7.2	8.2	9.2	10.1	11.1	12.0	12.9	13.7	14.6
167.5°	4.3	5.2	6.0	6.9	7.7	8.5	9.3	10.1	10.9	11.7	12.4
170°	3.5	4.2	4.9	5.6	6.3	6.9	7.6	8.2	8.9	9.5	10.1
172.5°	2.7	3.2	3.8	4.3	4.8	5.3	5.8	6.2	6.7	7.2	7.6
175°	1.8	2.2	2.5	2.8	3.2	3.5	3.9	4.2	4.5	4.8	5.1
177.5°	0.9	1.1	1.3	1.5	1.6	1.8	2.0	2.1	2.3	2.4	2.6
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: P231941

CATALOG NUMBER: FVS4WM-2-LD4-35-2HI-PA187-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°	2.7	2.9	3.0	3.2	3.3	3.4	3.5	3.6	3.7	3.8	3.9
5°	5.4	5.7	6.0	6.2	6.5	6.7	6.9	7.2	7.4	7.5	7.7
7.5°	8.0	8.4	8.8	9.2	9.6	9.9	10.3	10.6	10.9	11.2	11.5
10°	10.7	11.3	11.8	12.3	12.8	13.2	13.6	14.0	14.4	14.8	15.2
12.5°	13.2	13.9	14.6	15.2	15.9	16.5	17.1	17.6	18.0	18.4	18.8
15°	15.5	16.4	17.2	18.0	18.8	19.6	20.3	21.0	21.7	22.2	22.6
17.5°	18.0	18.9	19.8	20.7	21.6	22.5	23.4	24.2	25.0	25.8	26.4
20°	20.6	21.7	22.6	23.6	24.4	25.4	26.4	27.4	28.3	29.2	30.0
22.5°	22.8	24.1	25.4	26.6	27.6	28.5	29.4	30.4	31.5	32.5	33.4
25°	25.0	26.5	27.9	29.2	30.6	31.9	32.8	33.7	34.6	35.8	37.8
27.5°	27.1	28.7	30.2	31.8	33.2	34.7	36.8	38.9	41.0	43.4	46.1
30°	29.2	30.9	32.6	34.4	36.6	38.9	41.5	44.3	47.2	50.3	53.6
32.5°	30.6	32.9	35.1	37.3	39.6	42.2	45.2	48.5	52.1	56.0	60.1
35°	32.3	34.3	36.9	39.5	42.1	44.8	48.1	51.8	55.9	60.5	65.6
37.5°	34.1	36.3	38.4	41.1	44.1	47.1	50.4	54.4	59.0	64.2	69.9
40°	35.8	38.1	40.4	42.8	45.6	49.0	52.6	56.4	61.5	67.2	73.8
42.5°	37.5	39.8	42.3	44.8	47.3	50.5	54.4	58.6	63.3	69.7	76.9
45°	39.2	41.6	44.0	46.7	49.4	52.1	55.9	60.4	65.3	71.7	79.4
47.5°	40.3	43.3	46.0	48.5	51.4	54.3	57.3	62.1	67.3	73.2	81.8
50°	41.6	44.7	47.8	50.5	53.3	56.4	59.6	63.8	69.7	76.2	84.3
52.5°	42.8	46.0	49.3	52.6	55.3	59.8	64.3	68.2	73.8	80.1	87.2
55°	43.9	47.3	51.0	55.8	60.8	65.9	70.4	74.0	78.3	84.1	90.7
57.5°	45.1	49.3	54.1	59.5	65.4	71.5	76.7	80.4	83.1	88.7	95.1
60°	46.7	51.3	56.6	62.5	69.2	76.3	83.5	87.3	89.4	93.7	99.7
62.5°	47.8	52.8	58.6	65.1	72.4	80.5	89.1	94.1	96.3	98.9	104.4
65°	48.7	53.9	60.1	67.2	75.2	84.1	93.8	101.2	103.6	104.4	109.5
67.5°	49.3	54.7	61.4	69.1	77.8	87.4	98.0	108.5	111.3	110.7	115.0
70°	49.7	55.5	62.6	70.8	80.1	90.5	102.0	114.7	118.6	117.5	119.4
72.5°	50.1	55.9	63.5	72.3	82.2	93.0	103.9	114.6	118.8	118.1	119.4
75°	50.4	56.7	64.7	73.7	83.4	94.3	104.4	113.3	118.2	118.4	119.4
77.5°	51.0	58.0	66.2	75.3	85.0	95.8	105.8	112.9	117.6	118.4	119.5
80°	51.6	59.3	67.9	77.3	86.9	97.7	108.1	113.4	117.0	118.2	119.6
82.5°	52.3	60.8	69.7	79.8	89.1	99.9	110.9	114.5	116.4	117.9	119.7
85°	53.1	62.4	71.9	82.5	91.7	102.5	114.3	116.0	115.8	117.5	119.9
87.5°	54.3	64.4	74.4	85.7	94.6	105.4	117.9	117.8	115.2	117.1	120.2
90°	55.9	66.7	77.4	89.2	98.0	108.8	121.6	119.6	114.7	116.7	120.6
92.5°	54.3	64.4	74.4	85.7	94.6	105.4	117.9	117.8	115.2	117.1	120.2
95°	53.1	62.4	71.9	82.5	91.7	102.5	114.3	116.0	115.8	117.5	119.9
97.5°	52.3	60.8	69.7	79.8	89.1	99.9	110.9	114.5	116.4	117.9	119.7
100°	51.6	59.3	67.9	77.3	86.9	97.7	108.1	113.4	117.0	118.2	119.6
102.5°	51.0	58.0	66.2	75.3	85.0	95.8	105.8	112.9	117.6	118.4	119.5
105°	50.4	56.7	64.7	73.7	83.4	94.3	104.4	113.3	118.2	118.4	119.4
107.5°	50.1	55.9	63.5	72.3	82.2	93.0	103.9	114.6	118.8	118.1	119.4
110°	49.7	55.5	62.6	70.8	80.1	90.5	102.0	114.7	118.6	117.5	119.4



TEST NUMBER: P231941

CATALOG NUMBER: FVS4WM-2-LD4-35-2HI-PA187-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
112.5°	49.3	54.7	61.4	69.1	77.8	87.4	98.0	108.5	111.3	110.7	115.0
115°	48.7	53.9	60.1	67.2	75.2	84.1	93.8	101.2	103.6	104.4	109.5
117.5°	47.8	52.8	58.6	65.1	72.4	80.5	89.1	94.1	96.3	98.9	104.4
120°	46.7	51.3	56.6	62.5	69.2	76.3	83.5	87.3	89.4	93.7	99.7
122.5°	45.1	49.3	54.1	59.5	65.4	71.5	76.7	80.4	83.1	88.7	95.1
125°	43.9	47.3	51.0	55.8	60.8	65.9	70.4	74.0	78.3	84.1	90.7
127.5°	42.8	46.0	49.3	52.6	55.3	59.8	64.3	68.2	73.8	80.1	87.2
130°	41.6	44.7	47.8	50.5	53.3	56.4	59.6	63.8	69.7	76.2	84.3
132.5°	40.3	43.3	46.0	48.5	51.4	54.3	57.3	62.1	67.3	73.2	81.8
135°	39.2	41.6	44.0	46.7	49.4	52.1	55.9	60.4	65.3	71.7	79.4
137.5°	37.5	39.8	42.3	44.8	47.3	50.5	54.4	58.6	63.3	69.7	76.9
140°	35.8	38.1	40.4	42.8	45.6	49.0	52.6	56.4	61.5	67.2	73.8
142.5°	34.1	36.3	38.4	41.1	44.1	47.1	50.4	54.4	59.0	64.2	69.9
145°	32.3	34.3	36.9	39.5	42.1	44.8	48.1	51.8	55.9	60.5	65.6
147.5°	30.6	32.9	35.1	37.3	39.6	42.2	45.2	48.5	52.1	56.0	60.1
150°	29.2	30.9	32.6	34.4	36.6	38.9	41.5	44.3	47.2	50.3	53.6
152.5°	27.1	28.7	30.2	31.8	33.2	34.7	36.8	38.9	41.0	43.4	46.1
155°	25.0	26.5	27.9	29.2	30.6	31.9	32.8	33.7	34.6	35.8	37.8
157.5°	22.8	24.1	25.4	26.6	27.6	28.5	29.4	30.4	31.5	32.5	33.4
160°	20.6	21.7	22.6	23.6	24.4	25.4	26.4	27.4	28.3	29.2	30.0
162.5°	18.0	18.9	19.8	20.7	21.6	22.5	23.4	24.2	25.0	25.8	26.4
165°	15.5	16.4	17.2	18.0	18.8	19.6	20.3	21.0	21.7	22.2	22.6
167.5°	13.2	13.9	14.6	15.2	15.9	16.5	17.1	17.6	18.0	18.4	18.8
170°	10.7	11.3	11.8	12.3	12.8	13.2	13.6	14.0	14.4	14.8	15.2
172.5°	8.0	8.4	8.8	9.2	9.6	9.9	10.3	10.6	10.9	11.2	11.5
175°	5.4	5.7	6.0	6.2	6.5	6.7	6.9	7.2	7.4	7.5	7.7
177.5°	2.7	2.9	3.0	3.2	3.3	3.4	3.5	3.6	3.7	3.8	3.9
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: P231941

CATALOG NUMBER: FVS4WM-2-LD4-35-2HI-PA187-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°	4.0	4.1	4.1	4.2	4.2	4.3	4.3	4.3	4.3	4.4	4.9
5°	7.9	8.0	8.2	8.3	8.4	8.5	8.6	8.6	8.7	8.7	9.8
7.5°	11.7	12.0	12.2	12.4	12.5	12.7	12.8	12.9	13.0	13.1	14.7
10°	15.5	15.8	16.1	16.4	16.6	16.9	17.0	17.2	17.3	17.4	19.5
12.5°	19.2	19.7	20.0	20.4	20.7	21.0	21.2	21.5	21.6	21.8	24.4
15°	23.1	23.4	23.9	24.3	24.7	25.1	25.4	25.7	25.9	26.1	29.2
17.5°	26.9	27.4	27.7	28.2	28.7	29.2	29.5	29.9	30.2	30.5	34.1
20°	30.8	31.3	31.7	32.1	32.7	33.2	33.7	34.1	34.5	34.8	38.9
22.5°	34.4	35.3	35.7	36.2	36.6	37.2	37.8	38.3	38.8	39.2	43.7
25°	39.9	41.9	43.8	45.4	46.8	48.5	50.1	51.6	52.8	53.8	59.0
27.5°	48.7	51.3	53.8	56.1	58.3	60.5	62.8	65.0	66.8	68.4	74.4
30°	56.9	60.2	63.3	66.3	69.2	72.1	75.2	78.2	80.7	83.0	89.9
32.5°	64.3	68.4	72.4	76.1	79.8	83.4	87.3	91.3	94.6	97.6	105.4
35°	71.0	76.0	81.0	85.4	89.9	94.4	99.2	104.1	108.4	112.2	121.0
37.5°	76.5	83.0	88.9	94.4	99.8	105.1	110.8	116.8	122.1	126.8	136.6
40°	81.1	89.3	96.4	103.1	109.1	115.5	122.2	129.3	135.7	141.4	152.2
42.5°	84.8	94.4	103.4	111.7	118.3	125.6	133.6	141.7	149.3	156.0	167.9
45°	88.5	98.8	110.0	119.1	127.3	135.4	144.4	153.9	162.8	170.6	183.6
47.5°	91.4	101.8	113.5	122.9	131.4	139.3	148.7	159.2	169.8	179.9	194.4
50°	93.6	103.3	114.4	124.4	133.5	142.0	152.2	164.0	176.6	189.1	205.3
52.5°	96.3	105.8	116.0	126.1	135.5	144.8	155.7	168.6	183.2	198.4	216.1
55°	99.6	108.8	118.1	127.9	137.5	147.5	159.0	173.1	189.8	207.6	227.0
57.5°	103.2	112.2	120.9	130.0	139.7	150.2	162.4	177.5	196.2	216.9	238.0
60°	107.0	116.1	124.5	132.4	142.0	152.9	165.7	181.8	202.6	226.1	249.0
62.5°	111.1	120.3	128.0	135.3	144.4	155.5	168.9	186.1	208.8	235.4	259.9
65°	115.9	124.6	132.1	138.6	146.9	158.2	172.2	190.2	215.1	244.6	270.9
67.5°	121.0	129.2	136.5	142.3	149.5	160.9	175.5	194.4	221.2	253.9	281.9
70°	124.2	130.9	137.5	142.5	148.7	159.4	173.8	192.9	219.7	252.6	282.5
72.5°	124.0	129.9	136.4	141.4	147.1	157.4	171.7	191.3	218.3	251.3	283.0
75°	124.1	129.3	135.4	140.3	145.6	155.6	169.7	189.8	216.8	250.0	284.6
77.5°	124.3	128.9	134.5	139.3	144.3	153.9	167.8	188.5	215.5	248.7	284.7
80°	124.7	128.7	133.7	138.4	143.0	152.3	166.0	187.2	214.2	247.3	284.9
82.5°	125.2	128.7	133.0	137.6	141.9	150.8	164.3	186.1	213.0	246.0	285.0
85°	125.9	128.8	132.4	136.8	140.9	149.4	162.7	185.0	211.9	244.7	285.1
87.5°	126.6	129.1	131.9	136.0	140.0	148.2	161.2	184.1	210.8	243.4	285.2
90°	127.4	129.4	131.4	135.3	139.2	147.0	159.8	183.3	209.8	242.1	285.3
92.5°	126.6	129.1	131.9	136.0	140.0	148.2	161.2	184.1	210.8	243.4	285.2
95°	125.9	128.8	132.4	136.8	140.9	149.4	162.7	185.0	211.9	244.7	285.1
97.5°	125.2	128.7	133.0	137.6	141.9	150.8	164.3	186.1	213.0	246.0	285.0
100°	124.7	128.7	133.7	138.4	143.0	152.3	166.0	187.2	214.2	247.3	284.9
102.5°	124.3	128.9	134.5	139.3	144.3	153.9	167.8	188.5	215.5	248.7	284.7
105°	124.1	129.3	135.4	140.3	145.6	155.6	169.7	189.8	216.8	250.0	284.6
107.5°	124.0	129.9	136.4	141.4	147.1	157.4	171.7	191.3	218.3	251.3	283.0
110°	124.2	130.9	137.5	142.5	148.7	159.4	173.8	192.9	219.7	252.6	282.5



TEST NUMBER: P231941

CATALOG NUMBER: FVS4WM-2-LD4-35-2HI-PA187-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
112.5°	121.0	129.2	136.5	142.3	149.5	160.9	175.5	194.4	221.2	253.9	281.9
115°	115.9	124.6	132.1	138.6	146.9	158.2	172.2	190.2	215.1	244.6	270.9
117.5°	111.1	120.3	128.0	135.3	144.4	155.5	168.9	186.1	208.8	235.4	259.9
120°	107.0	116.1	124.5	132.4	142.0	152.9	165.7	181.8	202.6	226.1	249.0
122.5°	103.2	112.2	120.9	130.0	139.7	150.2	162.4	177.5	196.2	216.9	238.0
125°	99.6	108.8	118.1	127.9	137.5	147.5	159.0	173.1	189.8	207.6	227.0
127.5°	96.3	105.8	116.0	126.1	135.5	144.8	155.7	168.6	183.2	198.4	216.1
130°	93.6	103.3	114.4	124.4	133.5	142.0	152.2	164.0	176.6	189.1	205.3
132.5°	91.4	101.8	113.5	122.9	131.4	139.3	148.7	159.2	169.8	179.9	194.4
135°	88.5	98.8	110.0	119.1	127.3	135.4	144.4	153.9	162.8	170.6	183.6
137.5°	84.8	94.4	103.4	111.7	118.3	125.6	133.6	141.7	149.3	156.0	167.9
140°	81.1	89.3	96.4	103.1	109.1	115.5	122.2	129.3	135.7	141.4	152.2
142.5°	76.5	83.0	88.9	94.4	99.8	105.1	110.8	116.8	122.1	126.8	136.6
145°	71.0	76.0	81.0	85.4	89.9	94.4	99.2	104.1	108.4	112.2	121.0
147.5°	64.3	68.4	72.4	76.1	79.8	83.4	87.3	91.3	94.6	97.6	105.4
150°	56.9	60.2	63.3	66.3	69.2	72.1	75.2	78.2	80.7	83.0	89.9
152.5°	48.7	51.3	53.8	56.1	58.3	60.5	62.8	65.0	66.8	68.4	74.4
155°	39.9	41.9	43.8	45.4	46.8	48.5	50.1	51.6	52.8	53.8	59.0
157.5°	34.4	35.3	35.7	36.2	36.6	37.2	37.8	38.3	38.8	39.2	43.7
160°	30.8	31.3	31.7	32.1	32.7	33.2	33.7	34.1	34.5	34.8	38.9
162.5°	26.9	27.4	27.7	28.2	28.7	29.2	29.5	29.9	30.2	30.5	34.1
165°	23.1	23.4	23.9	24.3	24.7	25.1	25.4	25.7	25.9	26.1	29.2
167.5°	19.2	19.7	20.0	20.4	20.7	21.0	21.2	21.5	21.6	21.8	24.4
170°	15.5	15.8	16.1	16.4	16.6	16.9	17.0	17.2	17.3	17.4	19.5
172.5°	11.7	12.0	12.2	12.4	12.5	12.7	12.8	12.9	13.0	13.1	14.7
175°	7.9	8.0	8.2	8.3	8.4	8.5	8.6	8.6	8.7	8.7	9.8
177.5°	4.0	4.1	4.1	4.2	4.2	4.3	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: P231941

CATALOG NUMBER: FVS4WM-2-LD4-35-2HI-PA187-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°	5.4	6.0	6.5	7.0	7.5	7.9	8.4	8.8	9.3	9.7	10.1
5°	10.9	11.9	12.9	13.9	14.9	15.8	16.7	17.6	18.5	19.3	20.1
7.5°	16.3	17.8	19.3	20.8	22.2	23.6	25.1	26.9	28.7	30.4	32.1
10°	21.6	23.7	25.7	27.6	29.7	32.2	34.7	37.2	39.5	41.8	44.1
12.5°	27.0	29.5	32.0	34.7	38.0	41.2	44.4	47.4	50.3	52.9	55.5
15°	32.3	35.3	38.4	42.4	46.3	50.2	53.9	57.2	60.4	63.6	67.0
17.5°	37.6	41.0	45.3	50.0	54.6	58.9	62.8	66.5	70.2	73.9	77.6
20°	42.9	46.9	52.3	57.6	62.7	67.1	71.4	75.6	79.9	84.1	88.2
22.5°	48.1	53.1	59.2	65.1	70.2	75.0	79.6	84.5	89.3	93.9	98.2
25°	63.9	69.7	75.8	81.4	85.7	89.6	93.3	96.9	100.1	102.9	107.6
27.5°	80.1	87.1	94.0	99.6	104.3	108.6	112.3	115.7	118.6	121.4	123.3
30°	96.5	104.5	112.3	117.8	123.4	126.9	130.5	133.6	136.5	138.5	140.2
32.5°	113.1	122.0	129.9	136.0	141.0	144.7	148.0	150.9	153.2	154.8	157.3
35°	129.8	139.4	147.6	154.2	158.5	162.2	164.8	167.4	169.0	170.9	174.3
37.5°	146.5	157.0	165.2	172.2	175.5	178.5	181.1	182.9	184.3	187.0	190.4
40°	163.2	174.5	182.9	189.1	192.0	194.6	196.7	197.7	199.4	201.9	207.2
42.5°	179.9	191.9	200.5	205.7	208.1	210.2	211.4	212.0	213.8	217.4	223.0
45°	196.6	209.0	218.1	221.9	223.7	225.4	225.7	226.2	227.3	232.5	239.2
47.5°	209.0	222.7	234.3	239.3	242.8	244.7	243.9	241.5	241.7	247.2	255.0
50°	221.2	236.5	250.3	258.3	265.6	271.3	275.1	277.4	280.9	282.8	283.0
52.5°	233.4	250.7	266.8	278.6	290.0	300.3	309.3	317.3	327.4	332.9	333.0
55°	245.7	265.2	284.1	300.0	315.9	331.4	346.3	361.6	377.0	384.9	379.7
57.5°	258.0	280.1	302.1	322.6	343.2	364.5	385.7	409.0	427.6	434.1	423.2
60°	270.3	295.2	320.9	346.1	372.2	399.5	427.4	459.0	479.5	478.7	463.6
62.5°	282.6	310.5	340.2	370.5	402.6	436.6	471.7	511.4	532.6	521.0	501.0
65°	294.9	326.1	360.1	395.6	434.0	475.1	518.7	563.1	586.3	561.2	535.7
67.5°	307.2	341.7	380.3	421.3	466.3	514.8	567.1	614.3	629.6	599.3	567.9
70°	310.9	346.6	386.6	430.7	480.4	534.7	595.2	647.8	661.4	633.3	600.0
72.5°	314.5	350.4	390.5	435.8	486.6	541.4	601.5	651.4	660.6	639.1	613.9
75°	318.0	353.9	394.0	440.6	492.2	547.1	606.1	654.7	662.5	648.2	626.3
77.5°	321.6	357.1	397.2	444.9	497.0	551.8	609.1	657.8	666.7	659.9	639.2
80°	326.4	360.0	400.0	448.8	501.3	555.7	610.7	660.3	672.6	673.8	652.8
82.5°	329.3	363.6	403.8	452.2	504.8	558.6	611.1	662.3	679.8	689.2	667.1
85°	332.3	365.6	405.1	456.2	509.0	562.2	611.8	665.6	687.7	705.7	681.9
87.5°	335.2	367.6	406.5	458.0	510.3	562.5	608.8	664.6	696.2	722.8	697.1
90°	338.2	369.6	407.8	459.8	511.7	562.7	605.8	663.7	703.8	739.1	713.6
92.5°	335.2	367.6	406.5	458.0	510.3	562.5	608.8	664.6	696.2	722.8	697.1
95°	332.3	365.6	405.1	456.2	509.0	562.2	611.8	665.6	687.7	705.7	681.9
97.5°	329.3	363.6	403.8	452.2	504.8	558.6	611.1	662.3	679.8	689.2	667.1
100°	326.4	360.0	400.0	448.8	501.3	555.7	610.7	660.3	672.6	673.8	652.8
102.5°	321.6	357.1	397.2	444.9	497.0	551.8	609.1	657.8	666.7	659.9	639.2
105°	318.0	353.9	394.0	440.6	492.2	547.1	606.1	654.7	662.5	648.2	626.3
107.5°	314.5	350.4	390.5	435.8	486.6	541.4	601.5	651.4	660.6	639.1	613.9
110°	310.9	346.6	386.6	430.7	480.4	534.7	595.2	647.8	661.4	633.3	600.0



TEST NUMBER: P231941

CATALOG NUMBER: FVS4WM-2-LD4-35-2HI-PA187-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
112.5°	307.2	341.7	380.3	421.3	466.3	514.8	567.1	614.3	629.6	599.3	567.9
115°	294.9	326.1	360.1	395.6	434.0	475.1	518.7	563.1	586.3	561.2	535.7
117.5°	282.6	310.5	340.2	370.5	402.6	436.6	471.7	511.4	532.6	521.0	501.0
120°	270.3	295.2	320.9	346.1	372.2	399.5	427.4	459.0	479.5	478.7	463.6
122.5°	258.0	280.1	302.1	322.6	343.2	364.5	385.7	409.0	427.6	434.1	423.2
125°	245.7	265.2	284.1	300.0	315.9	331.4	346.3	361.6	377.0	384.9	379.7
127.5°	233.4	250.7	266.8	278.6	290.0	300.3	309.3	317.3	327.4	332.9	333.0
130°	221.2	236.5	250.3	258.3	265.6	271.3	275.1	277.4	280.9	282.8	283.0
132.5°	209.0	222.7	234.3	239.3	242.8	244.7	243.9	241.5	241.7	247.2	255.0
135°	196.6	209.0	218.1	221.9	223.7	225.4	225.7	226.2	227.3	232.5	239.2
137.5°	179.9	191.9	200.5	205.7	208.1	210.2	211.4	212.0	213.8	217.4	223.0
140°	163.2	174.5	182.9	189.1	192.0	194.6	196.7	197.7	199.4	201.9	207.2
142.5°	146.5	157.0	165.2	172.2	175.5	178.5	181.1	182.9	184.3	187.0	190.4
145°	129.8	139.4	147.6	154.2	158.5	162.2	164.8	167.4	169.0	170.9	174.3
147.5°	113.1	122.0	129.9	136.0	141.0	144.7	148.0	150.9	153.2	154.8	157.3
150°	96.5	104.5	112.3	117.8	123.4	126.9	130.5	133.6	136.5	138.5	140.2
152.5°	80.1	87.1	94.0	99.6	104.3	108.6	112.3	115.7	118.6	121.4	123.3
155°	63.9	69.7	75.8	81.4	85.7	89.6	93.3	96.9	100.1	102.9	107.6
157.5°	48.1	53.1	59.2	65.1	70.2	75.0	79.6	84.5	89.3	93.9	98.2
160°	42.9	46.9	52.3	57.6	62.7	67.1	71.4	75.6	79.9	84.1	88.2
162.5°	37.6	41.0	45.3	50.0	54.6	58.9	62.8	66.5	70.2	73.9	77.6
165°	32.3	35.3	38.4	42.4	46.3	50.2	53.9	57.2	60.4	63.6	67.0
167.5°	27.0	29.5	32.0	34.7	38.0	41.2	44.4	47.4	50.3	52.9	55.5
170°	21.6	23.7	25.7	27.6	29.7	32.2	34.7	37.2	39.5	41.8	44.1
172.5°	16.3	17.8	19.3	20.8	22.2	23.6	25.1	26.9	28.7	30.4	32.1
175°	10.9	11.9	12.9	13.9	14.9	15.8	16.7	17.6	18.5	19.3	20.1
177.5°	5.4	6.0	6.5	7.0	7.5	7.9	8.4	8.8	9.3	9.7	10.1
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: P231941

CATALOG NUMBER: FVS4WM-2-LD4-35-2HI-PA187-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°	10.5	10.8	11.1	11.5	11.7	12.0	12.3	12.5	12.7	12.9	13.0
5°	21.1	22.1	23.1	24.0	24.8	25.6	26.4	27.0	27.7	28.2	28.7
7.5°	33.6	35.1	36.6	37.9	39.2	40.4	41.5	42.6	43.6	44.4	45.2
10°	46.1	48.0	49.9	51.7	53.4	55.0	56.5	57.9	59.3	60.5	61.6
12.5°	58.0	60.4	62.8	65.0	67.2	69.3	71.2	73.0	74.7	76.4	78.0
15°	69.7	72.6	75.4	78.2	80.8	83.4	86.0	88.4	90.8	93.0	95.1
17.5°	81.1	84.9	87.9	91.2	94.4	97.5	100.6	103.7	106.7	109.6	112.5
20°	92.1	96.0	99.8	103.5	107.2	110.8	114.4	118.0	121.5	124.7	127.7
22.5°	102.5	106.7	110.6	114.6	118.7	123.2	127.6	131.8	135.5	138.2	140.4
25°	111.8	115.8	120.4	125.4	130.9	136.0	140.7	144.8	148.3	151.5	154.7
27.5°	124.9	127.1	130.9	137.1	143.6	149.6	155.6	160.4	165.2	169.4	172.9
30°	142.9	146.5	150.4	155.3	160.0	166.0	173.0	179.2	184.9	189.7	194.0
32.5°	160.9	165.2	170.5	175.9	182.2	188.2	194.4	200.4	206.3	210.8	214.8
35°	178.5	184.0	190.1	197.0	203.9	211.0	217.8	222.7	226.9	232.5	239.6
37.5°	196.2	202.4	209.9	217.6	225.6	232.8	238.9	244.8	251.7	259.0	265.9
40°	213.2	221.1	229.3	238.1	246.3	253.7	261.3	269.0	277.6	286.8	296.5
42.5°	230.7	239.1	248.7	258.0	266.7	275.4	284.0	294.3	305.6	318.0	331.2
45°	247.4	257.5	267.7	277.7	287.3	296.6	308.1	320.2	335.1	351.3	370.6
47.5°	264.5	275.2	286.7	297.2	307.1	319.2	332.4	348.2	366.6	387.2	415.1
50°	283.2	293.4	305.5	315.8	327.9	341.3	357.8	377.0	399.5	430.2	463.7
52.5°	330.4	330.6	331.3	334.5	348.6	364.3	383.2	405.8	438.0	474.5	515.5
55°	374.2	370.8	369.1	371.1	377.4	387.7	407.3	439.3	477.0	520.3	571.7
57.5°	413.9	407.2	403.9	404.7	410.3	422.6	443.5	473.2	517.1	570.0	628.4
60°	450.1	440.5	435.8	435.7	442.1	456.2	482.7	519.2	564.3	618.0	687.1
62.5°	484.0	471.9	464.8	462.9	471.9	491.6	521.9	562.1	613.8	676.6	746.0
65°	515.6	501.2	491.9	490.3	500.5	522.7	558.3	605.3	663.5	731.6	807.6
67.5°	545.0	528.1	516.1	516.7	529.7	554.8	592.9	643.2	708.7	784.2	868.7
70°	573.5	553.1	537.8	541.0	555.3	583.9	626.0	682.2	751.6	832.3	927.8
72.5°	590.6	572.0	560.4	564.8	578.7	610.7	654.3	715.5	790.3	878.9	977.0
75°	603.4	586.1	580.4	587.6	604.3	636.2	682.4	744.8	822.9	919.0	1015.8
77.5°	616.5	601.2	600.7	609.2	627.8	662.4	712.0	775.9	856.5	950.8	1042.1
80°	630.0	617.2	621.3	629.7	649.2	686.2	737.2	800.7	883.6	977.0	1071.7
82.5°	643.9	634.0	641.9	649.3	668.8	707.7	758.3	819.5	903.7	997.7	1093.9
85°	658.4	651.4	662.5	668.3	686.9	727.0	775.8	833.0	917.3	1012.9	1108.7
87.5°	673.1	669.1	683.1	686.7	704.0	745.2	791.3	843.5	927.3	1025.2	1119.7
90°	689.1	687.2	702.9	704.8	719.5	759.7	801.9	847.9	927.3	1025.4	1117.5
92.5°	673.1	669.1	683.1	686.7	704.0	745.2	791.3	843.5	927.3	1025.2	1119.7
95°	658.4	651.4	662.5	668.3	686.9	727.0	775.8	833.0	917.3	1012.9	1108.7
97.5°	643.9	634.0	641.9	649.3	668.8	707.7	758.3	819.5	903.7	997.7	1093.9
100°	630.0	617.2	621.3	629.7	649.2	686.2	737.2	800.7	883.6	977.0	1071.7
102.5°	616.5	601.2	600.7	609.2	627.8	662.4	712.0	775.9	856.5	950.8	1042.1
105°	603.4	586.1	580.4	587.6	604.3	636.2	682.4	744.8	822.9	919.0	1015.8
107.5°	590.6	572.0	560.4	564.8	578.7	610.7	654.3	715.5	790.3	878.9	977.0
110°	573.5	553.1	537.8	541.0	555.3	583.9	626.0	682.2	751.6	832.3	927.8



TEST NUMBER: P231941

CATALOG NUMBER: FVS4WM-2-LD4-35-2HI-PA187-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
112.5°	545.0	528.1	516.1	516.7	529.7	554.8	592.9	643.2	708.7	784.2	868.7
115°	515.6	501.2	491.9	490.3	500.5	522.7	558.3	605.3	663.5	731.6	807.6
117.5°	484.0	471.9	464.8	462.9	471.9	491.6	521.9	562.1	613.8	676.6	746.0
120°	450.1	440.5	435.8	435.7	442.1	456.2	482.7	519.2	564.3	618.0	687.1
122.5°	413.9	407.2	403.9	404.7	410.3	422.6	443.5	473.2	517.1	570.0	628.4
125°	374.2	370.8	369.1	371.1	377.4	387.7	407.3	439.3	477.0	520.3	571.7
127.5°	330.4	330.6	331.3	334.5	348.6	364.3	383.2	405.8	438.0	474.5	515.5
130°	283.2	293.4	305.5	315.8	327.9	341.3	357.8	377.0	399.5	430.2	463.7
132.5°	264.5	275.2	286.7	297.2	307.1	319.2	332.4	348.2	366.6	387.2	415.1
135°	247.4	257.5	267.7	277.7	287.3	296.6	308.1	320.2	335.1	351.3	370.6
137.5°	230.7	239.1	248.7	258.0	266.7	275.4	284.0	294.3	305.6	318.0	331.2
140°	213.2	221.1	229.3	238.1	246.3	253.7	261.3	269.0	277.6	286.8	296.5
142.5°	196.2	202.4	209.9	217.6	225.6	232.8	238.9	244.8	251.7	259.0	265.9
145°	178.5	184.0	190.1	197.0	203.9	211.0	217.8	222.7	226.9	232.5	239.6
147.5°	160.9	165.2	170.5	175.9	182.2	188.2	194.4	200.4	206.3	210.8	214.8
150°	142.9	146.5	150.4	155.3	160.0	166.0	173.0	179.2	184.9	189.7	194.0
152.5°	124.9	127.1	130.9	137.1	143.6	149.6	155.6	160.4	165.2	169.4	172.9
155°	111.8	115.8	120.4	125.4	130.9	136.0	140.7	144.8	148.3	151.5	154.7
157.5°	102.5	106.7	110.6	114.6	118.7	123.2	127.6	131.8	135.5	138.2	140.4
160°	92.1	96.0	99.8	103.5	107.2	110.8	114.4	118.0	121.5	124.7	127.7
162.5°	81.1	84.9	87.9	91.2	94.4	97.5	100.6	103.7	106.7	109.6	112.5
165°	69.7	72.6	75.4	78.2	80.8	83.4	86.0	88.4	90.8	93.0	95.1
167.5°	58.0	60.4	62.8	65.0	67.2	69.3	71.2	73.0	74.7	76.4	78.0
170°	46.1	48.0	49.9	51.7	53.4	55.0	56.5	57.9	59.3	60.5	61.6
172.5°	33.6	35.1	36.6	37.9	39.2	40.4	41.5	42.6	43.6	44.4	45.2
175°	21.1	22.1	23.1	24.0	24.8	25.6	26.4	27.0	27.7	28.2	28.7
177.5°	10.5	10.8	11.1	11.5	11.7	12.0	12.3	12.5	12.7	12.9	13.0
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: P231941

CATALOG NUMBER: FVS4WM-2-LD4-35-2HI-PA187-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°	13.1	13.2	13.3	13.4	13.4	13.4	13.8	13.6	13.4	13.3	13.1
5°	29.2	29.5	29.9	30.1	30.3	30.4	30.5	30.4	30.9	30.5	30.1
7.5°	46.0	46.6	47.1	47.5	47.9	48.1	48.3	48.3	48.3	48.6	48.1
10°	62.6	63.4	64.2	64.8	65.3	65.7	66.0	66.1	66.1	66.5	65.9
12.5°	79.5	80.9	82.1	83.2	84.1	84.9	85.5	85.9	86.2	86.2	86.5
15°	97.3	99.3	101.2	103.0	104.6	106.0	107.2	108.2	109.1	109.6	110.5
17.5°	115.1	117.3	119.3	121.1	122.6	123.9	125.0	125.8	126.4	126.8	127.4
20°	130.5	132.6	133.6	134.3	134.7	134.8	134.6	134.2	133.6	132.7	131.9
22.5°	142.1	143.3	144.6	145.7	146.3	146.5	146.3	145.7	144.8	143.5	142.3
25°	157.3	159.3	160.7	161.8	162.2	162.2	161.5	160.4	158.9	156.9	154.6
27.5°	175.9	178.1	179.5	180.7	181.7	182.3	182.5	182.1	181.2	179.8	177.9
30°	196.7	199.5	201.8	203.6	207.4	210.6	213.3	215.3	216.7	217.3	217.0
32.5°	219.1	225.0	230.5	235.7	241.1	246.3	250.8	254.5	257.4	259.3	260.3
35°	246.6	254.4	262.4	269.9	277.4	286.4	294.6	301.8	307.9	312.8	316.3
37.5°	275.6	285.7	298.1	310.1	321.7	334.8	347.2	358.3	368.0	375.9	382.1
40°	308.2	322.0	339.1	356.6	373.4	391.3	409.6	425.9	439.9	451.6	460.6
42.5°	347.7	365.0	386.3	412.2	436.5	459.6	482.8	503.5	521.6	536.7	548.8
45°	391.8	418.9	445.2	476.1	506.5	537.9	565.2	593.0	617.1	637.4	653.6
47.5°	445.1	478.2	511.5	546.7	587.0	624.6	662.5	698.9	731.0	758.2	780.2
50°	501.7	541.1	586.1	630.0	679.5	728.1	775.0	820.7	859.5	891.2	915.7
52.5°	562.4	612.1	667.7	723.8	785.4	848.0	904.1	960.3	1008.5	1048.2	1079.0
55°	626.4	689.0	754.7	827.3	902.4	983.0	1054.1	1103.5	1145.5	1183.4	1215.9
57.5°	694.9	768.0	846.0	933.6	1028.4	1095.2	1155.8	1206.7	1253.5	1296.9	1335.6
60°	762.9	844.9	937.5	1030.9	1114.6	1182.6	1240.0	1293.7	1344.5	1392.5	1436.3
62.5°	825.0	918.2	1021.7	1120.5	1193.4	1258.6	1312.6	1364.6	1416.0	1465.8	1512.2
65°	891.7	992.4	1105.5	1188.3	1257.0	1317.7	1370.7	1419.9	1473.0	1527.5	1575.1
67.5°	964.4	1077.5	1166.3	1240.2	1304.8	1363.3	1420.3	1476.8	1530.4	1583.4	1629.0
70°	1032.3	1130.6	1213.8	1280.5	1341.6	1403.5	1465.5	1525.9	1583.1	1635.1	1678.5
72.5°	1079.8	1174.3	1253.0	1315.3	1375.4	1436.5	1503.5	1568.4	1632.3	1684.1	1722.7
75°	1114.8	1206.9	1280.6	1343.8	1407.1	1470.6	1535.3	1603.2	1665.6	1724.8	1769.2
77.5°	1141.7	1237.5	1300.3	1367.3	1433.9	1501.0	1566.2	1627.4	1696.2	1760.0	1812.2
80°	1169.1	1252.7	1315.2	1384.9	1453.4	1526.3	1588.2	1654.1	1719.9	1787.4	1836.5
82.5°	1193.4	1268.0	1333.0	1399.7	1467.6	1535.2	1602.2	1672.1	1742.5	1814.9	1857.2
85°	1210.7	1278.0	1344.0	1410.0	1479.9	1548.6	1613.9	1680.1	1753.6	1827.0	1880.4
87.5°	1224.4	1282.7	1348.2	1413.0	1483.9	1557.9	1624.9	1694.5	1762.9	1833.9	1873.0
90°	1222.4	1282.2	1345.9	1408.7	1479.2	1558.6	1625.3	1695.9	1764.5	1835.1	1865.5
92.5°	1224.4	1282.7	1348.2	1413.0	1483.9	1557.9	1624.9	1694.5	1762.9	1833.9	1873.0
95°	1210.7	1278.0	1344.0	1410.0	1479.9	1548.6	1613.9	1680.1	1753.6	1827.0	1880.4
97.5°	1193.4	1268.0	1333.0	1399.7	1467.6	1535.2	1602.2	1672.1	1742.5	1814.9	1857.2
100°	1169.1	1252.7	1315.2	1384.9	1453.4	1526.3	1588.2	1654.1	1719.9	1787.4	1836.5
102.5°	1141.7	1237.5	1300.3	1367.3	1433.9	1501.0	1566.2	1627.4	1696.2	1760.0	1812.2
105°	1114.8	1206.9	1280.6	1343.8	1407.1	1470.6	1535.3	1603.2	1665.6	1724.8	1769.2
107.5°	1079.8	1174.3	1253.0	1315.3	1375.4	1436.5	1503.5	1568.4	1632.3	1684.1	1722.7
110°	1032.3	1130.6	1213.8	1280.5	1341.6	1403.5	1465.5	1525.9	1583.1	1635.1	1678.5



TEST NUMBER: P231941

CATALOG NUMBER: FVS4WM-2-LD4-35-2HI-PA187-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
112.5°	964.4	1077.5	1166.3	1240.2	1304.8	1363.3	1420.3	1476.8	1530.4	1583.4	1629.0
115°	891.7	992.4	1105.5	1188.3	1257.0	1317.7	1370.7	1419.9	1473.0	1527.5	1575.1
117.5°	825.0	918.2	1021.7	1120.5	1193.4	1258.6	1312.6	1364.6	1416.0	1465.8	1512.2
120°	762.9	844.9	937.5	1030.9	1114.6	1182.6	1240.0	1293.7	1344.5	1392.5	1436.3
122.5°	694.9	768.0	846.0	933.6	1028.4	1095.2	1155.8	1206.7	1253.5	1296.9	1335.6
125°	626.4	689.0	754.7	827.3	902.4	983.0	1054.1	1103.5	1145.5	1183.4	1215.9
127.5°	562.4	612.1	667.7	723.8	785.4	848.0	904.1	960.3	1008.5	1048.2	1079.0
130°	501.7	541.1	586.1	630.0	679.5	728.1	775.0	820.7	859.5	891.2	915.7
132.5°	445.1	478.2	511.5	546.7	587.0	624.6	662.5	698.9	731.0	758.2	780.2
135°	391.8	418.9	445.2	476.1	506.5	537.9	565.2	593.0	617.1	637.4	653.6
137.5°	347.7	365.0	386.3	412.2	436.5	459.6	482.8	503.5	521.6	536.7	548.8
140°	308.2	322.0	339.1	356.6	373.4	391.3	409.6	425.9	439.9	451.6	460.6
142.5°	275.6	285.7	298.1	310.1	321.7	334.8	347.2	358.3	368.0	375.9	382.1
145°	246.6	254.4	262.4	269.9	277.4	286.4	294.6	301.8	307.9	312.8	316.3
147.5°	219.1	225.0	230.5	235.7	241.1	246.3	250.8	254.5	257.4	259.3	260.3
150°	196.7	199.5	201.8	203.6	207.4	210.6	213.3	215.3	216.7	217.3	217.0
152.5°	175.9	178.1	179.5	180.7	181.7	182.3	182.5	182.1	181.2	179.8	177.9
155°	157.3	159.3	160.7	161.8	162.2	162.2	161.5	160.4	158.9	156.9	154.6
157.5°	142.1	143.3	144.6	145.7	146.3	146.5	146.3	145.7	144.8	143.5	142.3
160°	130.5	132.6	133.6	134.3	134.7	134.8	134.6	134.2	133.6	132.7	131.9
162.5°	115.1	117.3	119.3	121.1	122.6	123.9	125.0	125.8	126.4	126.8	127.4
165°	97.3	99.3	101.2	103.0	104.6	106.0	107.2	108.2	109.1	109.6	110.5
167.5°	79.5	80.9	82.1	83.2	84.1	84.9	85.5	85.9	86.2	86.2	86.5
170°	62.6	63.4	64.2	64.8	65.3	65.7	66.0	66.1	66.1	66.5	65.9
172.5°	46.0	46.6	47.1	47.5	47.9	48.1	48.3	48.3	48.3	48.6	48.1
175°	29.2	29.5	29.9	30.1	30.3	30.4	30.5	30.4	30.9	30.5	30.1
177.5°	13.1	13.2	13.3	13.4	13.4	13.4	13.8	13.6	13.4	13.3	13.1
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: P231941

CATALOG NUMBER: FVS4WM-2-LD4-35-2HI-PA187-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	357.5°	360°
0°	0.0	0.0
2.5°	12.9	12.7
5°	29.8	29.4
7.5°	47.6	47.1
10°	65.3	64.7
12.5°	85.9	85.3
15°	110.2	109.8
17.5°	126.9	126.5
20°	130.6	129.4
22.5°	140.3	138.2
25°	152.0	149.0
27.5°	175.7	172.5
30°	216.3	213.7
32.5°	260.7	258.8
35°	319.2	318.6
37.5°	387.4	388.2
40°	468.5	470.5
42.5°	559.3	562.7
45°	667.7	672.5
47.5°	799.7	806.8
50°	936.5	943.0
52.5°	1105.4	1112.6
55°	1246.2	1259.7
57.5°	1372.5	1393.0
60°	1478.6	1505.7
62.5°	1554.0	1590.0
65°	1616.1	1650.8
67.5°	1667.6	1699.8
70°	1713.3	1741.0
72.5°	1751.3	1772.3
75°	1796.4	1814.5
77.5°	1832.8	1842.9
80°	1856.0	1862.5
82.5°	1873.0	1874.3
85°	1886.4	1874.3
87.5°	1895.9	1887.0
90°	1895.9	1909.6
92.5°	1895.9	1887.0
95°	1886.4	1874.3
97.5°	1873.0	1874.3
100°	1856.0	1862.5
102.5°	1832.8	1842.9
105°	1796.4	1814.5
107.5°	1751.3	1772.3
110°	1713.3	1741.0



TEST NUMBER: P231941

CATALOG NUMBER: FVS4WM-2-LD4-35-2HI-PA187-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	357.5°	360°
112.5°	1667.6	1699.8
115°	1616.1	1650.8
117.5°	1554.0	1590.0
120°	1478.6	1505.7
122.5°	1372.5	1393.0
125°	1246.2	1259.7
127.5°	1105.4	1112.6
130°	936.5	943.0
132.5°	799.7	806.8
135°	667.7	672.5
137.5°	559.3	562.7
140°	468.5	470.5
142.5°	387.4	388.2
145°	319.2	318.6
147.5°	260.7	258.8
150°	216.3	213.7
152.5°	175.7	172.5
155°	152.0	149.0
157.5°	140.3	138.2
160°	130.6	129.4
162.5°	126.9	126.5
165°	110.2	109.8
167.5°	85.9	85.3
170°	65.3	64.7
172.5°	47.6	47.1
175°	29.8	29.4
177.5°	12.9	12.7
180°	0.0	0.0

(END OF REPORT)