

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: P231953

Luminaire Tested: **FVS4WM-4-LD4-35-1HI-P125-UNV-EDC1**

Issue Date: 3/3/2020



Test Information

Test Method: LM-79-08
Report Number: P231953
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1706-121-13)
Test Lab: INNOVATION CENTER(G3)
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: FAIL-SAFE
Catalog Number: FVS4WM-4-LD4-35-1HI-P125-UNV-EDC1
Description: FAILSAFE FVS LED FIXTURE
4FT LENGTH, 1-MODULE LED WITH P125 LENS
Light Source: (84) 3500K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

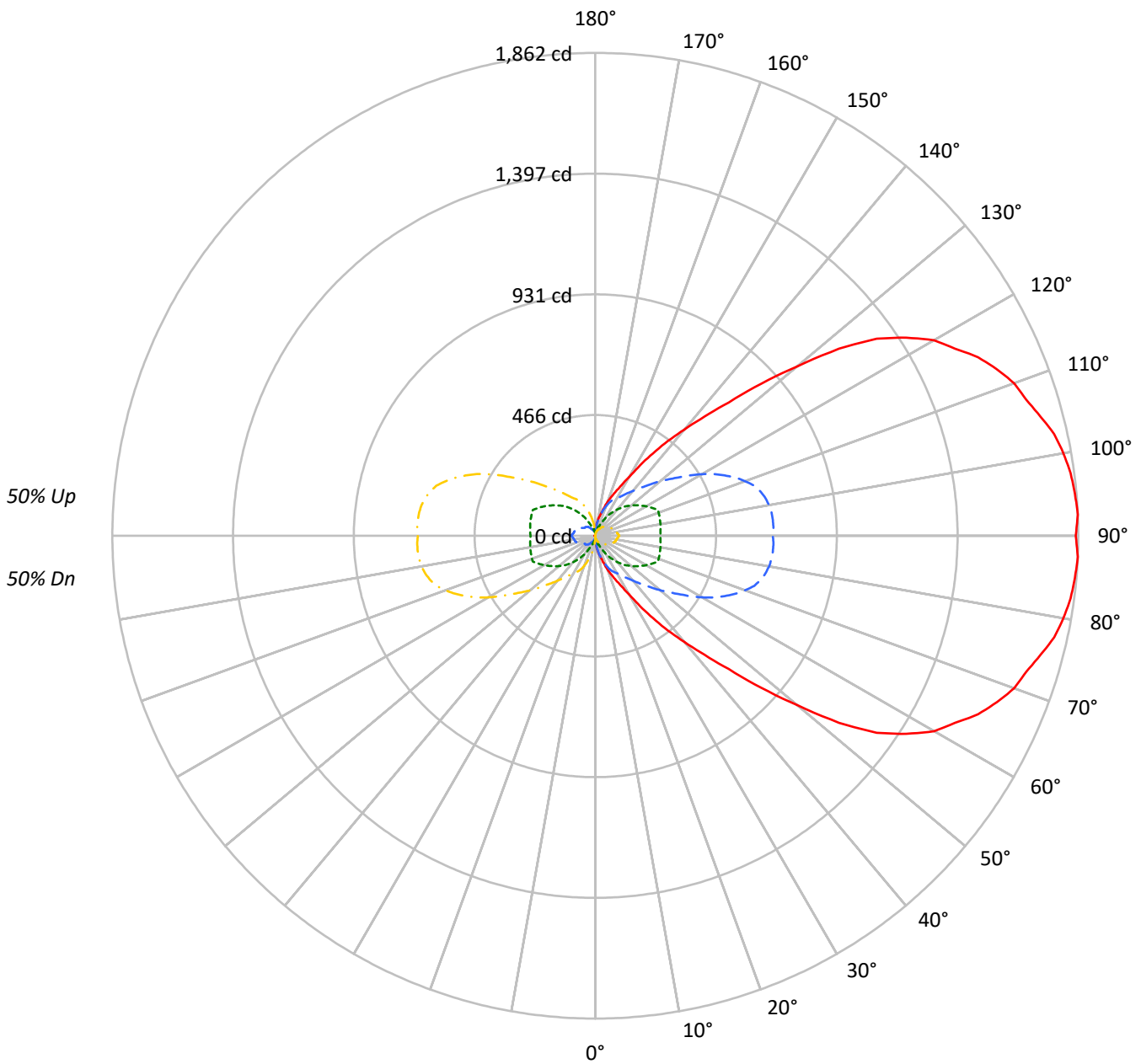
Lumens per Lamp: N/A
Luminaire Lumens: 4354.0 lumens
Efficiency: N/A
Efficacy: 97.8 lumens/watt
Spacing Criteria (0/90/45): 24.45 / 15.8 / 16.47
Luminous Opening: Rectangular w/ Sides (W: 3.79' x L: 0.19' x H: 0.31')
CIE Type: General Diffuse

Input Watts (W): 44.5
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT

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Luminous Intensity Polar Plot



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



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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

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

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	15	15	15	15
5°	481	149	13	149
10°	793	286	12	286
15°	1009	426	11	426
20°	1396	574	10	574
25°	1778	874	9	874
30°	2341	1342	9	1342
35°	3303	1861	9	1861
40°	4403	2453	8	2453
45°	5833	3141	8	3141
50°	8011	3893	8	3893
55°	10344	4820	8	4820
60°	11748	6010	8	6010
65°	12755	7596	16	7596
70°	13637	9370	16	9370
75°	14393	11506	16	11506
80°	15286	15140	0	15140
85°	16081	22577	0	22577



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	2.1	0.0
10°-20°	14.1	0.3
20°-30°	39.5	0.9
30°-40°	87.5	2.0
40°-50°	170.8	3.9
50°-60°	302.4	6.9
60°-70°	440.4	10.1
70°-80°	535.9	12.3
80°-90°	584.2	13.4
90°-100°	584.2	13.4
100°-110°	535.9	12.3
110°-120°	440.4	10.1
120°-130°	302.4	6.9
130°-140°	170.8	3.9
140°-150°	87.5	2.0
150°-160°	39.5	0.9
160°-170°	14.1	0.3
170°-180°	2.1	0.0
0°-30°	55.7	1.3
0°-40°	143.3	3.3
0°-60°	616.5	14.2
0°-90°	2177.0	50.0
90°-120°	1560.5	35.8
90°-150°	2121.3	48.7
90°-180°	2177.0	50.0
0°-180°	4354.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1	1	1	1	1	
5°	36	10	1	10	36	4
15°	93	28	1	28	93	29
25°	189	54	1	54	189	91
35°	387	106	1	106	387	250
45°	726	159	1	159	726	584
55°	1325	204	1	204	1325	1169
65°	1628	250	2	250	1628	1610
75°	1776	257	2	257	1776	1880
85°	1856	252	0	252	1856	1512
90°	1852	250	0	250	1852	1018
95°	1856	252	0	252	1856	1512
105°	1776	257	2	257	1776	1880
115°	1628	250	2	250	1628	1610
125°	1325	204	1	204	1325	1169
135°	726	159	1	159	726	584
145°	387	106	1	106	387	250
155°	189	54	1	54	189	91
165°	93	28	1	28	93	29
175°	36	10	1	10	36	4
180°	1	1	1	1	1	



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CANDELA DISTRIBUTION (FULL):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
0°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
2.5°	16.7	16.9	17.1	17.3	17.4	17.6	17.8	17.3	17.2	17.1	17.0
5°	36.3	36.6	37.0	37.3	37.7	37.1	37.0	36.9	36.6	36.4	36.0
7.5°	52.0	52.6	53.1	53.7	53.6	53.7	53.8	53.7	53.6	53.3	53.0
10°	66.7	67.6	68.4	69.3	69.2	69.5	69.7	69.8	69.7	69.5	69.1
12.5°	77.5	78.8	80.2	81.0	81.9	82.6	83.3	83.7	84.0	84.1	84.1
15°	93.1	94.8	96.4	97.2	98.2	99.0	99.6	100.0	100.2	100.1	99.9
17.5°	114.7	116.2	117.7	118.0	118.5	118.9	119.0	118.9	118.6	118.2	117.6
20°	139.2	140.2	141.3	140.7	140.6	140.2	139.5	138.7	137.7	136.6	135.4
22.5°	163.7	164.2	164.6	163.2	162.4	161.2	159.8	158.2	156.5	154.5	152.5
25°	189.2	189.2	188.2	187.0	185.4	183.4	181.0	178.4	175.4	172.2	168.7
27.5°	220.6	220.1	218.2	216.0	213.3	209.9	206.1	201.8	197.1	191.9	187.1
30°	262.8	261.7	258.5	254.8	250.3	244.9	238.7	231.8	224.2	215.9	209.5
32.5°	322.6	320.4	315.1	309.1	301.6	292.9	283.0	272.0	260.0	248.5	238.5
35°	387.3	384.8	378.3	371.0	361.8	350.7	337.9	323.4	307.3	292.1	276.5
37.5°	460.8	457.8	449.9	440.9	429.6	416.1	400.4	382.7	363.4	344.1	323.2
40°	534.3	531.8	523.9	514.5	502.3	487.1	469.2	448.4	425.9	402.4	377.1
42.5°	622.6	620.9	612.0	601.2	586.7	568.4	546.3	520.6	494.9	466.9	436.0
45°	726.5	725.0	714.4	701.5	684.1	662.4	636.4	610.2	575.5	540.5	503.3
47.5°	867.7	862.6	844.8	824.6	799.5	770.0	736.8	701.9	665.1	624.4	583.5
50°	1015.7	1008.2	985.8	960.3	928.5	890.9	847.9	804.5	760.1	712.6	665.5
52.5°	1184.4	1175.6	1147.9	1115.9	1075.4	1026.6	970.3	917.1	858.9	800.9	746.6
55°	1324.6	1318.8	1294.8	1265.4	1226.0	1176.4	1116.5	1045.4	965.3	894.1	827.2
57.5°	1421.6	1422.5	1408.1	1388.1	1357.9	1316.7	1259.6	1173.1	1086.4	992.8	907.4
60°	1507.9	1508.8	1496.8	1481.7	1460.6	1433.9	1373.8	1287.2	1191.8	1090.3	993.1
62.5°	1562.8	1563.2	1558.5	1548.6	1533.3	1512.8	1453.6	1381.4	1286.0	1181.8	1073.2
65°	1628.5	1626.2	1618.5	1606.3	1590.2	1564.2	1518.6	1455.4	1367.1	1261.9	1146.7
67.5°	1676.5	1673.8	1666.4	1655.0	1639.9	1616.3	1579.6	1524.1	1444.0	1336.7	1216.3
70°	1718.7	1715.0	1706.8	1694.6	1678.5	1657.5	1633.5	1586.6	1518.0	1412.9	1289.2
72.5°	1742.2	1744.7	1741.5	1731.0	1712.0	1689.2	1665.3	1637.0	1574.1	1475.0	1354.5
75°	1776.5	1776.4	1772.1	1761.2	1741.9	1716.3	1690.4	1665.1	1622.8	1525.2	1403.6
77.5°	1811.8	1802.1	1791.8	1778.9	1760.6	1741.0	1717.0	1692.5	1652.4	1574.2	1442.5
80°	1832.4	1821.9	1806.8	1790.0	1771.8	1757.3	1739.9	1719.0	1685.2	1614.2	1477.9
82.5°	1848.1	1832.5	1817.5	1799.8	1787.3	1771.7	1754.4	1734.8	1703.7	1637.3	1515.2
85°	1856.0	1837.2	1821.1	1811.7	1798.4	1782.7	1762.9	1740.8	1712.3	1655.5	1537.4
87.5°	1861.8	1831.6	1828.7	1818.9	1801.4	1785.1	1766.0	1743.0	1716.6	1667.6	1544.3
90°	1852.0	1833.4	1824.6	1816.7	1797.1	1783.4	1765.8	1742.2	1715.8	1669.7	1536.3
92.5°	1861.8	1831.6	1828.7	1818.9	1801.4	1785.1	1766.0	1743.0	1716.6	1667.6	1544.3
95°	1856.0	1837.2	1821.1	1811.7	1798.4	1782.7	1762.9	1740.8	1712.3	1655.5	1537.4
97.5°	1848.1	1832.5	1817.5	1799.8	1787.3	1771.7	1754.4	1734.8	1703.7	1637.3	1515.2
100°	1832.4	1821.9	1806.8	1790.0	1771.8	1757.3	1739.9	1719.0	1685.2	1614.2	1477.9
102.5°	1811.8	1802.1	1791.8	1778.9	1760.6	1741.0	1717.0	1692.5	1652.4	1574.2	1442.5
105°	1776.5	1776.4	1772.1	1761.2	1741.9	1716.3	1690.4	1665.1	1622.8	1525.2	1403.6
107.5°	1742.2	1744.7	1741.5	1731.0	1712.0	1689.2	1665.3	1637.0	1574.1	1475.0	1354.5
110°	1718.7	1715.0	1706.8	1694.6	1678.5	1657.5	1633.5	1586.6	1518.0	1412.9	1289.2



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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°	1676.5	1673.8	1666.4	1655.0	1639.9	1616.3	1579.6	1524.1	1444.0	1336.7	1216.3
115°	1628.5	1626.2	1618.5	1606.3	1590.2	1564.2	1518.6	1455.4	1367.1	1261.9	1146.7
117.5°	1562.8	1563.2	1558.5	1548.6	1533.3	1512.8	1453.6	1381.4	1286.0	1181.8	1073.2
120°	1507.9	1508.8	1496.8	1481.7	1460.6	1433.9	1373.8	1287.2	1191.8	1090.3	993.1
122.5°	1421.6	1422.5	1408.1	1388.1	1357.9	1316.7	1259.6	1173.1	1086.4	992.8	907.4
125°	1324.6	1318.8	1294.8	1265.4	1226.0	1176.4	1116.5	1045.4	965.3	894.1	827.2
127.5°	1184.4	1175.6	1147.9	1115.9	1075.4	1026.6	970.3	917.1	858.9	800.9	746.6
130°	1015.7	1008.2	985.8	960.3	928.5	890.9	847.9	804.5	760.1	712.6	665.5
132.5°	867.7	862.6	844.8	824.6	799.5	770.0	736.8	701.9	665.1	624.4	583.5
135°	726.5	725.0	714.4	701.5	684.1	662.4	636.4	610.2	575.5	540.5	503.3
137.5°	622.6	620.9	612.0	601.2	586.7	568.4	546.3	520.6	494.9	466.9	436.0
140°	534.3	531.8	523.9	514.5	502.3	487.1	469.2	448.4	425.9	402.4	377.1
142.5°	460.8	457.8	449.9	440.9	429.6	416.1	400.4	382.7	363.4	344.1	323.2
145°	387.3	384.8	378.3	371.0	361.8	350.7	337.9	323.4	307.3	292.1	276.5
147.5°	322.6	320.4	315.1	309.1	301.6	292.9	283.0	272.0	260.0	248.5	238.5
150°	262.8	261.7	258.5	254.8	250.3	244.9	238.7	231.8	224.2	215.9	209.5
152.5°	220.6	220.1	218.2	216.0	213.3	209.9	206.1	201.8	197.1	191.9	187.1
155°	189.2	189.2	188.2	187.0	185.4	183.4	181.0	178.4	175.4	172.2	168.7
157.5°	163.7	164.2	164.6	163.2	162.4	161.2	159.8	158.2	156.5	154.5	152.5
160°	139.2	140.2	141.3	140.7	140.6	140.2	139.5	138.7	137.7	136.6	135.4
162.5°	114.7	116.2	117.7	118.0	118.5	118.9	119.0	118.9	118.6	118.2	117.6
165°	93.1	94.8	96.4	97.2	98.2	99.0	99.6	100.0	100.2	100.1	99.9
167.5°	77.5	78.8	80.2	81.0	81.9	82.6	83.3	83.7	84.0	84.1	84.1
170°	66.7	67.6	68.4	69.3	69.2	69.5	69.7	69.8	69.7	69.5	69.1
172.5°	52.0	52.6	53.1	53.7	53.6	53.7	53.8	53.7	53.6	53.3	53.0
175°	36.3	36.6	37.0	37.3	37.7	37.1	37.0	36.9	36.6	36.4	36.0
177.5°	16.7	16.9	17.1	17.3	17.4	17.6	17.8	17.3	17.2	17.1	17.0
180°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0



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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°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
2.5°	16.9	16.7	16.5	16.3	16.1	15.8	15.5	15.1	14.8	14.4	14.0
5°	35.6	35.1	34.5	33.8	33.1	32.4	31.5	30.6	29.7	28.6	27.6
7.5°	52.5	52.0	51.3	50.6	49.7	48.8	47.7	46.6	45.4	43.9	42.3
10°	68.7	68.0	67.3	66.4	65.4	64.2	62.9	61.4	59.7	58.0	56.1
12.5°	83.9	83.5	82.9	82.1	81.0	79.6	78.0	76.2	74.2	72.1	69.9
15°	99.4	98.7	97.8	96.9	95.8	94.5	92.9	91.1	89.0	86.5	83.7
17.5°	116.9	116.0	115.0	113.7	112.2	110.4	108.4	106.2	103.7	101.0	97.9
20°	134.1	132.8	131.4	130.0	128.5	126.9	124.8	122.2	119.3	116.2	112.6
22.5°	150.5	148.5	146.5	144.6	142.7	140.9	139.0	137.1	135.3	131.6	127.8
25°	165.9	163.1	160.3	157.6	155.2	153.0	151.0	149.2	147.1	145.1	143.5
27.5°	182.8	178.3	173.6	169.5	166.4	163.5	161.2	158.8	157.1	155.5	153.5
30°	202.8	195.8	189.2	183.4	178.1	172.7	169.6	166.9	165.7	165.5	165.3
32.5°	227.9	216.9	207.9	199.7	191.3	184.8	180.9	177.9	177.0	176.1	175.7
35°	260.3	244.6	232.0	219.1	209.2	202.9	196.3	192.6	188.8	187.1	186.0
37.5°	300.8	281.1	262.0	247.4	235.2	223.6	215.3	208.1	202.8	198.8	196.5
40°	350.8	325.8	303.1	283.8	265.6	249.5	236.7	225.6	217.9	211.7	207.6
42.5°	406.6	379.8	352.5	326.9	302.6	280.8	260.5	246.6	233.9	225.8	219.6
45°	471.0	436.8	405.2	373.6	344.0	315.1	291.3	268.5	253.5	240.5	232.1
47.5°	541.9	500.0	461.4	422.9	388.1	354.7	323.6	297.4	273.6	257.8	245.7
50°	617.5	569.8	521.0	476.8	434.9	395.3	359.3	326.3	299.2	276.1	259.6
52.5°	691.7	639.1	586.3	532.9	483.3	437.7	395.6	358.3	325.7	297.1	282.2
55°	765.0	704.4	647.7	591.6	534.1	481.2	431.8	390.7	359.9	334.4	314.8
57.5°	836.3	768.8	704.3	644.8	586.4	526.1	476.6	433.8	397.8	370.6	348.8
60°	903.0	828.6	759.4	692.4	635.4	578.4	522.2	474.4	435.7	405.3	382.0
62.5°	970.7	880.9	809.3	743.4	680.6	624.0	566.4	514.9	471.4	436.3	413.3
65°	1033.4	938.0	855.3	787.4	722.7	663.0	606.3	550.6	504.7	467.6	442.6
67.5°	1101.0	995.7	903.6	824.9	758.5	696.9	640.4	585.0	536.9	497.4	468.8
70°	1165.8	1049.3	948.6	858.3	788.4	726.6	669.5	615.0	565.0	524.3	492.0
72.5°	1221.6	1096.7	986.2	891.3	812.5	749.9	694.1	642.3	589.7	549.3	516.5
75°	1271.5	1137.4	1016.8	917.1	830.6	767.8	712.6	659.0	609.4	569.1	538.2
77.5°	1310.8	1169.0	1041.7	940.1	849.9	779.1	722.6	671.6	624.3	585.3	557.1
80°	1339.8	1203.9	1074.7	962.2	864.6	786.4	728.9	680.2	635.7	598.5	573.5
82.5°	1368.0	1232.0	1098.8	980.0	874.8	789.9	731.6	685.2	644.1	609.2	588.0
85°	1385.5	1248.7	1113.8	992.7	880.2	789.8	731.2	687.2	649.9	617.8	601.0
87.5°	1391.6	1259.3	1124.2	1003.1	883.2	787.7	729.0	687.4	654.3	625.3	613.1
90°	1386.3	1249.1	1117.7	999.1	875.5	779.4	722.6	684.3	655.9	631.4	624.5
92.5°	1391.6	1259.3	1124.2	1003.1	883.2	787.7	729.0	687.4	654.3	625.3	613.1
95°	1385.5	1248.7	1113.8	992.7	880.2	789.8	731.2	687.2	649.9	617.8	601.0
97.5°	1368.0	1232.0	1098.8	980.0	874.8	789.9	731.6	685.2	644.1	609.2	588.0
100°	1339.8	1203.9	1074.7	962.2	864.6	786.4	728.9	680.2	635.7	598.5	573.5
102.5°	1310.8	1169.0	1041.7	940.1	849.9	779.1	722.6	671.6	624.3	585.3	557.1
105°	1271.5	1137.4	1016.8	917.1	830.6	767.8	712.6	659.0	609.4	569.1	538.2
107.5°	1221.6	1096.7	986.2	891.3	812.5	749.9	694.1	642.3	589.7	549.3	516.5
110°	1165.8	1049.3	948.6	858.3	788.4	726.6	669.5	615.0	565.0	524.3	492.0



TEST NUMBER: P231953

CATALOG NUMBER: FVS4WM-4-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°	1101.0	995.7	903.6	824.9	758.5	696.9	640.4	585.0	536.9	497.4	468.8
115°	1033.4	938.0	855.3	787.4	722.7	663.0	606.3	550.6	504.7	467.6	442.6
117.5°	970.7	880.9	809.3	743.4	680.6	624.0	566.4	514.9	471.4	436.3	413.3
120°	903.0	828.6	759.4	692.4	635.4	578.4	522.2	474.4	435.7	405.3	382.0
122.5°	836.3	768.8	704.3	644.8	586.4	526.1	476.6	433.8	397.8	370.6	348.8
125°	765.0	704.4	647.7	591.6	534.1	481.2	431.8	390.7	359.9	334.4	314.8
127.5°	691.7	639.1	586.3	532.9	483.3	437.7	395.6	358.3	325.7	297.1	282.2
130°	617.5	569.8	521.0	476.8	434.9	395.3	359.3	326.3	299.2	276.1	259.6
132.5°	541.9	500.0	461.4	422.9	388.1	354.7	323.6	297.4	273.6	257.8	245.7
135°	471.0	436.8	405.2	373.6	344.0	315.1	291.3	268.5	253.5	240.5	232.1
137.5°	406.6	379.8	352.5	326.9	302.6	280.8	260.5	246.6	233.9	225.8	219.6
140°	350.8	325.8	303.1	283.8	265.6	249.5	236.7	225.6	217.9	211.7	207.6
142.5°	300.8	281.1	262.0	247.4	235.2	223.6	215.3	208.1	202.8	198.8	196.5
145°	260.3	244.6	232.0	219.1	209.2	202.9	196.3	192.6	188.8	187.1	186.0
147.5°	227.9	216.9	207.9	199.7	191.3	184.8	180.9	177.9	177.0	176.1	175.7
150°	202.8	195.8	189.2	183.4	178.1	172.7	169.6	166.9	165.7	165.5	165.3
152.5°	182.8	178.3	173.6	169.5	166.4	163.5	161.2	158.8	157.1	155.5	153.5
155°	165.9	163.1	160.3	157.6	155.2	153.0	151.0	149.2	147.1	145.1	143.5
157.5°	150.5	148.5	146.5	144.6	142.7	140.9	139.0	137.1	135.3	131.6	127.8
160°	134.1	132.8	131.4	130.0	128.5	126.9	124.8	122.2	119.3	116.2	112.6
162.5°	116.9	116.0	115.0	113.7	112.2	110.4	108.4	106.2	103.7	101.0	97.9
165°	99.4	98.7	97.8	96.9	95.8	94.5	92.9	91.1	89.0	86.5	83.7
167.5°	83.9	83.5	82.9	82.1	81.0	79.6	78.0	76.2	74.2	72.1	69.9
170°	68.7	68.0	67.3	66.4	65.4	64.2	62.9	61.4	59.7	58.0	56.1
172.5°	52.5	52.0	51.3	50.6	49.7	48.8	47.7	46.6	45.4	43.9	42.3
175°	35.6	35.1	34.5	33.8	33.1	32.4	31.5	30.6	29.7	28.6	27.6
177.5°	16.9	16.7	16.5	16.3	16.1	15.8	15.5	15.1	14.8	14.4	14.0
180°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0



TEST NUMBER: P231953

CATALOG NUMBER: FVS4WM-4-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°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
2.5°	13.6	13.1	12.6	12.1	11.6	11.1	10.5	9.9	9.3	8.7	8.1
5°	26.4	25.3	24.1	23.0	22.0	20.9	19.8	18.7	17.5	16.3	15.1
7.5°	40.6	38.9	37.1	35.2	33.2	31.2	29.1	27.3	25.6	23.8	22.0
10°	54.1	52.0	49.9	47.3	44.7	42.1	39.3	36.5	33.7	31.2	28.8
12.5°	67.4	64.7	61.9	58.9	55.9	52.7	49.3	45.9	42.4	38.8	35.6
15°	80.8	77.6	74.8	70.7	67.0	63.1	59.0	55.0	50.8	46.6	42.3
17.5°	95.1	90.8	86.9	82.7	78.3	73.7	68.9	64.0	59.1	54.3	49.4
20°	108.7	104.4	99.9	95.0	89.9	84.5	79.0	73.2	67.3	61.8	56.4
22.5°	123.6	118.8	113.4	107.6	101.7	95.6	89.2	82.6	75.8	69.2	63.1
25°	138.3	133.3	127.7	121.1	114.8	108.7	102.4	95.9	89.3	82.4	76.3
27.5°	152.3	148.8	143.8	138.5	131.9	125.2	118.4	111.4	104.3	97.1	90.1
30°	164.3	163.0	159.7	154.3	148.3	141.3	134.1	126.6	119.3	111.4	103.9
32.5°	175.4	174.4	173.0	169.3	163.4	156.8	149.4	141.6	133.3	125.3	117.5
35°	185.4	185.1	184.1	182.6	177.7	171.4	164.0	156.8	147.6	139.0	130.9
37.5°	195.3	194.8	194.5	193.3	192.0	185.0	178.1	170.3	161.7	152.3	144.1
40°	205.4	204.2	203.9	203.6	202.2	198.2	191.5	183.9	175.5	165.8	157.0
42.5°	215.6	213.9	212.9	213.0	212.3	210.9	204.1	196.9	189.0	179.0	169.7
45°	226.8	223.2	222.2	221.8	222.0	220.8	216.4	209.4	201.7	192.1	182.1
47.5°	237.2	233.5	231.2	230.5	230.9	232.3	233.9	230.8	226.5	219.3	208.5
50°	249.8	244.3	246.0	250.4	255.5	260.6	264.5	262.6	259.1	252.6	238.9
52.5°	273.2	270.5	272.3	276.3	281.8	288.2	293.2	293.8	291.2	286.7	270.0
55°	302.7	297.9	297.7	301.4	307.8	315.0	321.4	324.6	323.0	319.8	301.6
57.5°	333.3	324.5	322.5	326.5	333.3	341.3	349.1	354.9	354.3	351.9	333.7
60°	362.7	351.4	348.6	351.5	358.3	367.3	376.4	384.4	385.1	383.7	366.2
62.5°	393.5	380.1	374.3	375.8	382.8	392.9	403.3	412.6	415.5	415.2	399.0
65°	423.4	407.9	399.5	399.7	406.9	418.2	429.7	440.4	445.7	446.5	432.1
67.5°	451.5	434.9	424.2	424.0	431.4	443.2	456.0	468.1	475.5	477.6	465.4
70°	477.9	461.9	450.8	448.3	453.5	463.5	474.3	484.6	490.6	487.7	471.2
72.5°	499.5	483.1	469.7	465.0	468.5	476.7	485.7	494.5	500.7	493.8	473.0
75°	518.3	501.7	487.1	481.3	483.9	490.5	497.7	504.5	511.2	500.8	474.7
77.5°	536.9	519.8	503.9	497.4	499.7	504.9	510.3	514.7	522.1	508.5	476.2
80°	555.2	537.5	520.1	513.4	515.7	519.7	523.3	525.0	533.3	516.6	477.5
82.5°	573.2	554.7	535.9	529.2	531.9	534.9	536.7	535.4	544.7	524.9	480.4
85°	590.8	571.3	551.4	545.0	548.3	550.3	550.4	545.8	556.6	534.3	480.1
87.5°	608.3	587.8	566.6	560.7	564.8	565.8	563.9	556.7	567.6	541.6	479.7
90°	624.5	603.0	581.4	576.5	581.4	581.4	577.5	567.7	578.5	549.0	479.4
92.5°	608.3	587.8	566.6	560.7	564.8	565.8	563.9	556.7	567.6	541.6	479.7
95°	590.8	571.3	551.4	545.0	548.3	550.3	550.4	545.8	556.6	534.3	480.1
97.5°	573.2	554.7	535.9	529.2	531.9	534.9	536.7	535.4	544.7	524.9	480.4
100°	555.2	537.5	520.1	513.4	515.7	519.7	523.3	525.0	533.3	516.6	477.5
102.5°	536.9	519.8	503.9	497.4	499.7	504.9	510.3	514.7	522.1	508.5	476.2
105°	518.3	501.7	487.1	481.3	483.9	490.5	497.7	504.5	511.2	500.8	474.7
107.5°	499.5	483.1	469.7	465.0	468.5	476.7	485.7	494.5	500.7	493.8	473.0
110°	477.9	461.9	450.8	448.3	453.5	463.5	474.3	484.6	490.6	487.7	471.2



TEST NUMBER: P231953

CATALOG NUMBER: FVS4WM-4-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°	451.5	434.9	424.2	424.0	431.4	443.2	456.0	468.1	475.5	477.6	465.4
115°	423.4	407.9	399.5	399.7	406.9	418.2	429.7	440.4	445.7	446.5	432.1
117.5°	393.5	380.1	374.3	375.8	382.8	392.9	403.3	412.6	415.5	415.2	399.0
120°	362.7	351.4	348.6	351.5	358.3	367.3	376.4	384.4	385.1	383.7	366.2
122.5°	333.3	324.5	322.5	326.5	333.3	341.3	349.1	354.9	354.3	351.9	333.7
125°	302.7	297.9	297.7	301.4	307.8	315.0	321.4	324.6	323.0	319.8	301.6
127.5°	273.2	270.5	272.3	276.3	281.8	288.2	293.2	293.8	291.2	286.7	270.0
130°	249.8	244.3	246.0	250.4	255.5	260.6	264.5	262.6	259.1	252.6	238.9
132.5°	237.2	233.5	231.2	230.5	230.9	232.3	233.9	230.8	226.5	219.3	208.5
135°	226.8	223.2	222.2	221.8	222.0	220.8	216.4	209.4	201.7	192.1	182.1
137.5°	215.6	213.9	212.9	213.0	212.3	210.9	204.1	196.9	189.0	179.0	169.7
140°	205.4	204.2	203.9	203.6	202.2	198.2	191.5	183.9	175.5	165.8	157.0
142.5°	195.3	194.8	194.5	193.3	192.0	185.0	178.1	170.3	161.7	152.3	144.1
145°	185.4	185.1	184.1	182.6	177.7	171.4	164.0	156.8	147.6	139.0	130.9
147.5°	175.4	174.4	173.0	169.3	163.4	156.8	149.4	141.6	133.3	125.3	117.5
150°	164.3	163.0	159.7	154.3	148.3	141.3	134.1	126.6	119.3	111.4	103.9
152.5°	152.3	148.8	143.8	138.5	131.9	125.2	118.4	111.4	104.3	97.1	90.1
155°	138.3	133.3	127.7	121.1	114.8	108.7	102.4	95.9	89.3	82.4	76.3
157.5°	123.6	118.8	113.4	107.6	101.7	95.6	89.2	82.6	75.8	69.2	63.1
160°	108.7	104.4	99.9	95.0	89.9	84.5	79.0	73.2	67.3	61.8	56.4
162.5°	95.1	90.8	86.9	82.7	78.3	73.7	68.9	64.0	59.1	54.3	49.4
165°	80.8	77.6	74.8	70.7	67.0	63.1	59.0	55.0	50.8	46.6	42.3
167.5°	67.4	64.7	61.9	58.9	55.9	52.7	49.3	45.9	42.4	38.8	35.6
170°	54.1	52.0	49.9	47.3	44.7	42.1	39.3	36.5	33.7	31.2	28.8
172.5°	40.6	38.9	37.1	35.2	33.2	31.2	29.1	27.3	25.6	23.8	22.0
175°	26.4	25.3	24.1	23.0	22.0	20.9	19.8	18.7	17.5	16.3	15.1
177.5°	13.6	13.1	12.6	12.1	11.6	11.1	10.5	9.9	9.3	8.7	8.1
180°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0



TEST NUMBER: P231953

CATALOG NUMBER: FVS4WM-4-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°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
2.5°	7.4	6.8	6.1	5.5	5.4	5.4	5.4	5.3	5.3	5.2	5.2
5°	13.8	12.6	11.3	9.9	9.9	9.8	9.7	9.6	9.4	9.3	9.1
7.5°	20.2	18.3	16.3	14.4	14.3	14.1	13.9	13.7	13.5	13.2	12.9
10°	26.4	23.9	21.4	18.9	18.6	18.3	18.0	17.7	17.3	17.0	16.7
12.5°	32.6	29.6	26.5	23.3	23.0	22.5	22.1	21.6	21.2	20.8	20.5
15°	38.7	35.1	31.5	27.8	27.3	26.7	26.0	25.4	25.1	24.7	24.3
17.5°	44.8	40.7	36.5	32.3	31.5	30.8	29.9	29.4	29.0	28.5	27.9
20°	50.8	46.1	41.5	36.7	35.8	34.8	33.8	33.3	32.8	32.3	31.6
22.5°	57.0	51.5	46.4	41.2	40.0	38.8	37.8	37.2	36.6	35.9	35.2
25°	70.2	64.5	59.5	54.3	53.1	51.8	50.7	49.6	48.3	46.4	44.4
27.5°	83.8	77.6	72.6	67.3	66.3	65.1	64.3	63.4	61.7	59.4	56.8
30°	97.2	90.4	85.5	80.4	79.6	78.6	78.1	77.3	74.9	72.3	68.6
32.5°	110.4	103.4	98.4	93.5	92.9	92.2	91.9	90.8	88.0	84.3	79.7
35°	123.4	116.3	111.2	106.5	106.3	105.9	105.9	104.2	100.9	95.9	90.3
37.5°	136.2	129.1	123.9	119.6	119.7	119.7	120.0	117.4	113.7	106.9	100.0
40°	148.9	141.7	136.5	132.7	133.1	133.5	134.1	130.5	125.2	117.6	108.9
42.5°	161.4	154.3	149.0	145.7	146.6	147.4	148.3	143.5	136.6	128.1	117.2
45°	173.9	166.7	161.5	158.8	160.1	161.4	161.6	156.5	147.7	137.0	125.0
47.5°	197.2	186.1	176.7	170.1	168.5	167.6	165.6	160.1	150.9	140.4	129.2
50°	222.6	206.5	192.2	181.5	176.7	173.0	168.4	161.2	151.4	140.7	130.2
52.5°	248.9	227.4	208.0	192.8	184.7	178.0	170.9	162.2	151.9	141.4	131.9
55°	276.2	248.8	224.0	204.1	192.5	182.7	173.2	163.1	152.6	142.5	134.4
57.5°	304.1	270.7	240.2	215.5	200.1	187.1	175.4	164.2	153.7	144.2	137.7
60°	332.8	292.9	256.7	226.8	207.5	191.2	177.4	165.3	155.0	146.9	141.8
62.5°	362.0	315.6	273.3	238.1	214.8	195.1	179.2	166.6	156.7	150.0	146.8
65°	391.7	338.5	290.0	249.5	222.0	198.7	181.0	167.9	158.7	153.6	152.5
67.5°	421.8	361.7	306.9	260.8	229.1	202.2	182.7	169.3	160.9	157.6	158.8
70°	424.9	362.7	306.4	259.6	227.4	200.7	181.5	168.4	160.6	158.3	160.9
72.5°	425.5	362.8	305.7	258.4	225.7	199.1	180.2	167.3	159.6	157.5	160.1
75°	425.7	362.6	306.6	257.2	224.1	197.6	179.0	166.2	158.8	156.6	159.2
77.5°	425.5	362.2	305.2	256.0	222.5	196.3	178.0	165.2	157.9	155.7	158.2
80°	424.9	363.5	303.7	254.8	221.0	195.0	177.1	164.3	157.2	154.8	157.1
82.5°	425.5	361.8	302.3	253.6	219.6	193.9	176.3	163.6	156.5	153.8	155.9
85°	423.2	360.2	300.9	252.4	218.2	192.9	175.6	162.9	155.9	152.9	154.7
87.5°	420.9	358.5	299.5	251.2	216.9	192.0	175.0	162.3	155.4	151.9	153.4
90°	418.6	356.9	298.1	250.0	215.7	191.2	174.5	161.8	154.9	151.0	152.0
92.5°	420.9	358.5	299.5	251.2	216.9	192.0	175.0	162.3	155.4	151.9	153.4
95°	423.2	360.2	300.9	252.4	218.2	192.9	175.6	162.9	155.9	152.9	154.7
97.5°	425.5	361.8	302.3	253.6	219.6	193.9	176.3	163.6	156.5	153.8	155.9
100°	424.9	363.5	303.7	254.8	221.0	195.0	177.1	164.3	157.2	154.8	157.1
102.5°	425.5	362.2	305.2	256.0	222.5	196.3	178.0	165.2	157.9	155.7	158.2
105°	425.7	362.6	306.6	257.2	224.1	197.6	179.0	166.2	158.8	156.6	159.2
107.5°	425.5	362.8	305.7	258.4	225.7	199.1	180.2	167.3	159.6	157.5	160.1
110°	424.9	362.7	306.4	259.6	227.4	200.7	181.5	168.4	160.6	158.3	160.9



TEST NUMBER: P231953

CATALOG NUMBER: FVS4WM-4-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°	421.8	361.7	306.9	260.8	229.1	202.2	182.7	169.3	160.9	157.6	158.8
115°	391.7	338.5	290.0	249.5	222.0	198.7	181.0	167.9	158.7	153.6	152.5
117.5°	362.0	315.6	273.3	238.1	214.8	195.1	179.2	166.6	156.7	150.0	146.8
120°	332.8	292.9	256.7	226.8	207.5	191.2	177.4	165.3	155.0	146.9	141.8
122.5°	304.1	270.7	240.2	215.5	200.1	187.1	175.4	164.2	153.7	144.2	137.7
125°	276.2	248.8	224.0	204.1	192.5	182.7	173.2	163.1	152.6	142.5	134.4
127.5°	248.9	227.4	208.0	192.8	184.7	178.0	170.9	162.2	151.9	141.4	131.9
130°	222.6	206.5	192.2	181.5	176.7	173.0	168.4	161.2	151.4	140.7	130.2
132.5°	197.2	186.1	176.7	170.1	168.5	167.6	165.6	160.1	150.9	140.4	129.2
135°	173.9	166.7	161.5	158.8	160.1	161.4	161.6	156.5	147.7	137.0	125.0
137.5°	161.4	154.3	149.0	145.7	146.6	147.4	148.3	143.5	136.6	128.1	117.2
140°	148.9	141.7	136.5	132.7	133.1	133.5	134.1	130.5	125.2	117.6	108.9
142.5°	136.2	129.1	123.9	119.6	119.7	119.7	120.0	117.4	113.7	106.9	100.0
145°	123.4	116.3	111.2	106.5	106.3	105.9	105.9	104.2	100.9	95.9	90.3
147.5°	110.4	103.4	98.4	93.5	92.9	92.2	91.9	90.8	88.0	84.3	79.7
150°	97.2	90.4	85.5	80.4	79.6	78.6	78.1	77.3	74.9	72.3	68.6
152.5°	83.8	77.6	72.6	67.3	66.3	65.1	64.3	63.4	61.7	59.4	56.8
155°	70.2	64.5	59.5	54.3	53.1	51.8	50.7	49.6	48.3	46.4	44.4
157.5°	57.0	51.5	46.4	41.2	40.0	38.8	37.8	37.2	36.6	35.9	35.2
160°	50.8	46.1	41.5	36.7	35.8	34.8	33.8	33.3	32.8	32.3	31.6
162.5°	44.8	40.7	36.5	32.3	31.5	30.8	29.9	29.4	29.0	28.5	27.9
165°	38.7	35.1	31.5	27.8	27.3	26.7	26.0	25.4	25.1	24.7	24.3
167.5°	32.6	29.6	26.5	23.3	23.0	22.5	22.1	21.6	21.2	20.8	20.5
170°	26.4	23.9	21.4	18.9	18.6	18.3	18.0	17.7	17.3	17.0	16.7
172.5°	20.2	18.3	16.3	14.4	14.3	14.1	13.9	13.7	13.5	13.2	12.9
175°	13.8	12.6	11.3	9.9	9.9	9.8	9.7	9.6	9.4	9.3	9.1
177.5°	7.4	6.8	6.1	5.5	5.4	5.4	5.4	5.3	5.3	5.2	5.2
180°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0



TEST NUMBER: P231953

CATALOG NUMBER: FVS4WM-4-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°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
2.5°	5.1	5.0	4.9	4.8	4.7	4.6	4.5	4.4	4.3	4.1	4.0
5°	9.0	8.8	8.6	8.4	8.2	8.0	7.8	7.5	7.3	7.1	6.8
7.5°	12.7	12.4	12.2	11.9	11.6	11.3	11.0	10.7	10.3	9.9	9.6
10°	16.4	16.1	15.8	15.4	15.0	14.6	14.2	13.7	13.2	12.7	12.2
12.5°	20.1	19.7	19.3	18.8	18.3	17.8	17.2	16.7	16.0	15.4	14.8
15°	23.8	23.3	22.7	22.1	21.5	20.9	20.2	19.5	18.8	18.0	17.3
17.5°	27.4	26.7	26.1	25.4	24.6	23.9	23.1	22.3	21.4	20.5	19.7
20°	30.9	30.2	29.4	28.6	27.7	26.8	25.9	25.0	24.0	23.0	22.0
22.5°	34.4	33.5	32.6	31.7	30.7	29.7	28.7	27.6	26.5	25.4	24.3
25°	42.1	39.6	37.2	34.8	33.7	32.5	31.4	30.2	29.0	27.8	26.5
27.5°	53.7	50.6	47.4	44.1	41.1	38.1	35.3	32.7	31.4	30.0	28.6
30°	64.7	60.6	56.5	52.5	48.7	45.2	41.9	38.8	35.8	33.0	30.7
32.5°	74.8	69.6	64.6	59.8	55.4	51.3	47.5	44.0	40.7	37.6	34.6
35°	84.0	77.7	71.8	66.3	61.2	56.6	52.5	48.5	44.9	41.4	38.2
37.5°	92.4	85.1	78.2	72.0	66.3	61.4	56.7	52.4	48.4	44.6	41.3
40°	100.0	91.7	84.0	77.0	71.0	65.5	60.4	55.7	51.3	47.6	44.4
42.5°	107.2	97.6	89.2	81.7	75.2	69.2	63.6	58.5	54.2	50.4	46.7
45°	113.7	103.3	93.8	86.1	79.0	72.4	66.5	61.2	56.8	52.6	48.4
47.5°	118.4	108.2	98.5	90.0	82.4	75.3	68.9	63.9	59.0	54.2	49.9
50°	120.3	111.5	103.5	95.3	86.9	78.3	71.7	66.1	60.7	55.6	50.9
52.5°	123.6	116.1	109.6	102.3	94.3	85.8	77.8	69.8	62.1	56.5	51.3
55°	127.8	122.2	116.8	110.3	102.3	93.7	85.1	76.5	68.0	59.8	52.0
57.5°	133.0	129.2	124.8	118.7	110.8	101.4	92.2	82.9	73.7	64.6	56.7
60°	139.1	137.1	133.5	127.5	119.0	109.0	99.1	89.0	78.8	69.4	61.0
62.5°	146.0	145.8	143.0	136.6	127.1	116.5	105.8	94.9	83.5	73.9	64.9
65°	153.7	154.9	153.1	146.1	135.2	123.9	112.3	100.2	88.4	78.2	68.5
67.5°	162.0	164.3	162.5	155.3	143.3	131.2	118.7	105.3	93.3	82.3	72.1
70°	166.0	170.1	169.8	163.4	151.3	138.5	125.1	110.2	98.0	86.3	75.5
72.5°	165.3	169.4	169.3	163.2	153.3	141.8	128.7	114.6	102.6	90.3	78.8
75°	164.5	169.0	169.2	163.9	155.1	143.9	130.4	116.3	103.6	91.7	80.8
77.5°	163.6	168.6	169.4	165.3	157.5	146.4	132.5	118.1	104.8	92.6	81.6
80°	162.6	168.2	170.0	167.3	160.4	149.3	135.1	120.0	106.4	93.9	82.9
82.5°	161.6	167.9	170.8	169.7	163.8	152.6	138.1	122.2	108.3	95.5	84.6
85°	160.4	167.6	171.7	172.5	167.5	156.3	141.6	124.8	110.6	97.5	86.6
87.5°	159.1	167.2	172.6	175.4	171.4	160.3	145.6	127.8	113.4	99.9	89.2
90°	157.8	166.7	173.5	178.4	175.5	164.7	150.0	131.4	116.7	102.9	92.2
92.5°	159.1	167.2	172.6	175.4	171.4	160.3	145.6	127.8	113.4	99.9	89.2
95°	160.4	167.6	171.7	172.5	167.5	156.3	141.6	124.8	110.6	97.5	86.6
97.5°	161.6	167.9	170.8	169.7	163.8	152.6	138.1	122.2	108.3	95.5	84.6
100°	162.6	168.2	170.0	167.3	160.4	149.3	135.1	120.0	106.4	93.9	82.9
102.5°	163.6	168.6	169.4	165.3	157.5	146.4	132.5	118.1	104.8	92.6	81.6
105°	164.5	169.0	169.2	163.9	155.1	143.9	130.4	116.3	103.6	91.7	80.8
107.5°	165.3	169.4	169.3	163.2	153.3	141.8	128.7	114.6	102.6	90.3	78.8
110°	166.0	170.1	169.8	163.4	151.3	138.5	125.1	110.2	98.0	86.3	75.5



TEST NUMBER: P231953

CATALOG NUMBER: FVS4WM-4-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°	162.0	164.3	162.5	155.3	143.3	131.2	118.7	105.3	93.3	82.3	72.1
115°	153.7	154.9	153.1	146.1	135.2	123.9	112.3	100.2	88.4	78.2	68.5
117.5°	146.0	145.8	143.0	136.6	127.1	116.5	105.8	94.9	83.5	73.9	64.9
120°	139.1	137.1	133.5	127.5	119.0	109.0	99.1	89.0	78.8	69.4	61.0
122.5°	133.0	129.2	124.8	118.7	110.8	101.4	92.2	82.9	73.7	64.6	56.7
125°	127.8	122.2	116.8	110.3	102.3	93.7	85.1	76.5	68.0	59.8	52.0
127.5°	123.6	116.1	109.6	102.3	94.3	85.8	77.8	69.8	62.1	56.5	51.3
130°	120.3	111.5	103.5	95.3	86.9	78.3	71.7	66.1	60.7	55.6	50.9
132.5°	118.4	108.2	98.5	90.0	82.4	75.3	68.9	63.9	59.0	54.2	49.9
135°	113.7	103.3	93.8	86.1	79.0	72.4	66.5	61.2	56.8	52.6	48.4
137.5°	107.2	97.6	89.2	81.7	75.2	69.2	63.6	58.5	54.2	50.4	46.7
140°	100.0	91.7	84.0	77.0	71.0	65.5	60.4	55.7	51.3	47.6	44.4
142.5°	92.4	85.1	78.2	72.0	66.3	61.4	56.7	52.4	48.4	44.6	41.3
145°	84.0	77.7	71.8	66.3	61.2	56.6	52.5	48.5	44.9	41.4	38.2
147.5°	74.8	69.6	64.6	59.8	55.4	51.3	47.5	44.0	40.7	37.6	34.6
150°	64.7	60.6	56.5	52.5	48.7	45.2	41.9	38.8	35.8	33.0	30.7
152.5°	53.7	50.6	47.4	44.1	41.1	38.1	35.3	32.7	31.4	30.0	28.6
155°	42.1	39.6	37.2	34.8	33.7	32.5	31.4	30.2	29.0	27.8	26.5
157.5°	34.4	33.5	32.6	31.7	30.7	29.7	28.7	27.6	26.5	25.4	24.3
160°	30.9	30.2	29.4	28.6	27.7	26.8	25.9	25.0	24.0	23.0	22.0
162.5°	27.4	26.7	26.1	25.4	24.6	23.9	23.1	22.3	21.4	20.5	19.7
165°	23.8	23.3	22.7	22.1	21.5	20.9	20.2	19.5	18.8	18.0	17.3
167.5°	20.1	19.7	19.3	18.8	18.3	17.8	17.2	16.7	16.0	15.4	14.8
170°	16.4	16.1	15.8	15.4	15.0	14.6	14.2	13.7	13.2	12.7	12.2
172.5°	12.7	12.4	12.2	11.9	11.6	11.3	11.0	10.7	10.3	9.9	9.6
175°	9.0	8.8	8.6	8.4	8.2	8.0	7.8	7.5	7.3	7.1	6.8
177.5°	5.1	5.0	4.9	4.8	4.7	4.6	4.5	4.4	4.3	4.1	4.0
180°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0



TEST NUMBER: P231953

CATALOG NUMBER: FVS4WM-4-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°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
2.5°	3.9	3.7	3.6	3.4	3.2	3.1	2.9	2.8	2.6	2.4	2.2
5°	6.5	6.3	6.0	5.7	5.4	5.1	4.8	4.4	4.1	3.8	3.4
7.5°	9.2	8.7	8.3	7.9	7.4	7.0	6.5	6.0	5.6	5.1	4.6
10°	11.7	11.1	10.6	10.0	9.4	8.8	8.2	7.6	6.9	6.3	5.7
12.5°	14.1	13.4	12.7	12.0	11.3	10.6	9.8	9.0	8.3	7.5	6.7
15°	16.5	15.6	14.8	14.0	13.1	12.2	11.3	10.4	9.5	8.6	7.7
17.5°	18.7	17.8	16.8	15.9	14.9	13.9	12.8	11.8	10.8	9.7	8.6
20°	20.9	19.9	18.8	17.7	16.6	15.4	14.3	13.1	11.9	10.7	9.5
22.5°	23.1	21.9	20.7	19.5	18.2	16.9	15.7	14.4	13.1	11.7	10.4
25°	25.2	23.9	22.5	21.2	19.8	18.4	17.0	15.6	14.1	12.7	11.2
27.5°	27.2	25.8	24.3	22.8	21.3	19.8	18.3	16.7	15.2	13.7	12.2
30°	29.2	27.6	26.0	24.4	22.8	21.3	19.8	18.3	16.7	15.0	13.3
32.5°	31.8	29.4	27.8	26.3	24.9	23.2	21.4	19.6	17.7	16.0	14.2
35°	35.2	32.8	30.5	28.4	26.5	24.6	22.8	21.1	19.3	17.4	15.4
37.5°	38.6	35.9	33.1	30.4	28.3	26.6	24.7	22.6	20.5	18.3	16.2
40°	41.2	38.0	35.2	32.8	30.5	28.2	26.0	23.8	21.5	19.2	17.0
42.5°	43.1	40.0	37.2	34.3	31.7	29.4	27.2	24.9	22.5	20.1	17.7
45°	44.8	41.4	38.1	35.1	32.5	30.0	27.8	25.9	23.2	20.5	17.8
47.5°	45.9	42.1	38.7	35.6	32.8	30.3	27.8	25.5	23.3	20.5	17.8
50°	46.4	42.4	38.9	35.7	32.7	29.9	27.3	24.8	22.6	20.5	17.7
52.5°	46.7	42.6	38.8	35.4	32.3	29.2	26.4	24.0	21.8	20.0	18.1
55°	46.8	42.4	38.5	35.0	31.4	28.2	25.7	23.4	21.5	19.7	17.8
57.5°	49.3	42.4	38.1	34.1	30.4	27.7	25.3	23.1	20.9	18.8	16.8
60°	53.0	45.9	39.2	33.0	30.1	27.3	24.8	22.3	20.0	17.9	16.2
62.5°	56.5	49.0	41.5	35.7	30.6	26.8	24.0	21.6	19.5	17.9	16.1
65°	59.8	51.5	44.2	38.1	32.7	27.7	23.6	21.4	19.9	17.8	15.5
67.5°	62.7	54.1	46.7	40.3	34.6	29.5	25.2	22.2	19.9	17.4	14.7
70°	65.6	56.7	49.0	42.2	36.5	31.2	27.0	23.3	19.9	16.7	13.7
72.5°	68.5	59.3	51.2	44.4	38.2	32.7	28.1	23.5	19.4	15.9	13.0
75°	70.9	61.8	53.4	46.7	39.8	33.9	28.3	23.1	18.7	15.0	12.3
77.5°	71.7	62.6	54.8	48.2	41.2	34.8	28.0	22.5	17.9	13.8	10.5
80°	72.8	63.7	55.9	48.6	41.5	34.6	27.9	22.1	17.0	12.1	8.3
82.5°	74.3	65.0	57.1	49.3	41.9	34.5	27.8	22.1	16.3	10.6	6.3
85°	76.2	66.8	58.6	50.4	42.5	34.9	28.2	22.4	16.1	10.5	5.9
87.5°	78.6	69.0	60.4	51.9	43.6	35.8	29.0	23.2	16.5	10.8	6.1
90°	81.4	71.6	62.7	53.9	45.1	37.3	30.4	24.5	17.6	11.8	6.9
92.5°	78.6	69.0	60.4	51.9	43.6	35.8	29.0	23.2	16.5	10.8	6.1
95°	76.2	66.8	58.6	50.4	42.5	34.9	28.2	22.4	16.1	10.5	5.9
97.5°	74.3	65.0	57.1	49.3	41.9	34.5	27.8	22.1	16.3	10.6	6.3
100°	72.8	63.7	55.9	48.6	41.5	34.6	27.9	22.1	17.0	12.1	8.3
102.5°	71.7	62.6	54.8	48.2	41.2	34.8	28.0	22.5	17.9	13.8	10.5
105°	70.9	61.8	53.4	46.7	39.8	33.9	28.3	23.1	18.7	15.0	12.3
107.5°	68.5	59.3	51.2	44.4	38.2	32.7	28.1	23.5	19.4	15.9	13.0
110°	65.6	56.7	49.0	42.2	36.5	31.2	27.0	23.3	19.9	16.7	13.7



TEST NUMBER: P231953

CATALOG NUMBER: FVS4WM-4-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°	62.7	54.1	46.7	40.3	34.6	29.5	25.2	22.2	19.9	17.4	14.7
115°	59.8	51.5	44.2	38.1	32.7	27.7	23.6	21.4	19.9	17.8	15.5
117.5°	56.5	49.0	41.5	35.7	30.6	26.8	24.0	21.6	19.5	17.9	16.1
120°	53.0	45.9	39.2	33.0	30.1	27.3	24.8	22.3	20.0	17.9	16.2
122.5°	49.3	42.4	38.1	34.1	30.4	27.7	25.3	23.1	20.9	18.8	16.8
125°	46.8	42.4	38.5	35.0	31.4	28.2	25.7	23.4	21.5	19.7	17.8
127.5°	46.7	42.6	38.8	35.4	32.3	29.2	26.4	24.0	21.8	20.0	18.1
130°	46.4	42.4	38.9	35.7	32.7	29.9	27.3	24.8	22.6	20.5	17.7
132.5°	45.9	42.1	38.7	35.6	32.8	30.3	27.8	25.5	23.3	20.5	17.8
135°	44.8	41.4	38.1	35.1	32.5	30.0	27.8	25.9	23.2	20.5	17.8
137.5°	43.1	40.0	37.2	34.3	31.7	29.4	27.2	24.9	22.5	20.1	17.7
140°	41.2	38.0	35.2	32.8	30.5	28.2	26.0	23.8	21.5	19.2	17.0
142.5°	38.6	35.9	33.1	30.4	28.3	26.6	24.7	22.6	20.5	18.3	16.2
145°	35.2	32.8	30.5	28.4	26.5	24.6	22.8	21.1	19.3	17.4	15.4
147.5°	31.8	29.4	27.8	26.3	24.9	23.2	21.4	19.6	17.7	16.0	14.2
150°	29.2	27.6	26.0	24.4	22.8	21.3	19.8	18.3	16.7	15.0	13.3
152.5°	27.2	25.8	24.3	22.8	21.3	19.8	18.3	16.7	15.2	13.7	12.2
155°	25.2	23.9	22.5	21.2	19.8	18.4	17.0	15.6	14.1	12.7	11.2
157.5°	23.1	21.9	20.7	19.5	18.2	16.9	15.7	14.4	13.1	11.7	10.4
160°	20.9	19.9	18.8	17.7	16.6	15.4	14.3	13.1	11.9	10.7	9.5
162.5°	18.7	17.8	16.8	15.9	14.9	13.9	12.8	11.8	10.8	9.7	8.6
165°	16.5	15.6	14.8	14.0	13.1	12.2	11.3	10.4	9.5	8.6	7.7
167.5°	14.1	13.4	12.7	12.0	11.3	10.6	9.8	9.0	8.3	7.5	6.7
170°	11.7	11.1	10.6	10.0	9.4	8.8	8.2	7.6	6.9	6.3	5.7
172.5°	9.2	8.7	8.3	7.9	7.4	7.0	6.5	6.0	5.6	5.1	4.6
175°	6.5	6.3	6.0	5.7	5.4	5.1	4.8	4.4	4.1	3.8	3.4
177.5°	3.9	3.7	3.6	3.4	3.2	3.1	2.9	2.8	2.6	2.4	2.2
180°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0



TEST NUMBER: P231953

CATALOG NUMBER: FVS4WM-4-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°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
2.5°	2.1	1.9	1.7	1.5	1.4	1.2	1.0	1.2	1.4	1.5	1.7
5°	3.1	2.8	2.4	2.1	1.7	1.4	1.0	1.4	1.7	2.1	2.4
7.5°	4.1	3.6	3.1	2.5	2.0	1.5	1.0	1.5	2.0	2.5	3.1
10°	5.0	4.3	3.7	3.0	2.3	1.7	1.0	1.7	2.3	3.0	3.7
12.5°	5.9	5.1	4.3	3.5	2.6	1.8	1.0	1.8	2.6	3.5	4.3
15°	6.7	5.8	4.8	3.9	2.9	2.0	1.0	2.0	2.9	3.9	4.8
17.5°	7.6	6.5	5.4	4.3	3.2	2.1	1.0	2.1	3.2	4.3	5.4
20°	8.3	7.1	5.9	4.7	3.5	2.2	1.0	2.2	3.5	4.7	5.9
22.5°	9.1	7.7	6.4	5.1	3.7	2.4	1.0	2.4	3.7	5.1	6.4
25°	9.8	8.3	6.9	5.4	3.9	2.5	1.0	2.5	3.9	5.4	6.9
27.5°	10.7	9.1	7.5	5.9	4.3	2.6	1.0	2.6	4.3	5.9	7.5
30°	11.5	9.8	8.0	6.3	4.5	2.8	1.0	2.8	4.5	6.3	8.0
32.5°	12.4	10.6	8.7	6.8	4.9	2.9	1.0	2.9	4.9	6.8	8.7
35°	13.3	11.3	9.2	7.2	5.1	3.1	1.0	3.1	5.1	7.2	9.2
37.5°	14.0	11.9	9.7	7.5	5.3	3.2	1.0	3.2	5.3	7.5	9.7
40°	14.7	12.4	10.1	7.9	5.6	3.3	1.0	3.3	5.6	7.9	10.1
42.5°	15.2	12.7	10.3	7.9	5.6	3.3	1.0	3.3	5.6	7.9	10.3
45°	15.2	12.7	10.3	7.9	5.6	3.3	1.0	3.3	5.6	7.9	10.3
47.5°	15.2	12.7	10.2	7.9	5.5	3.3	1.0	3.3	5.5	7.9	10.2
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°	14.6	12.4	9.9	7.5	5.2	3.1	1.0	3.1	5.2	7.5	9.9
62.5°	14.0	11.8	9.3	7.2	5.3	3.6	2.0	3.6	5.3	7.2	9.3
65°	13.1	10.8	8.6	6.6	4.9	3.4	2.0	3.4	4.9	6.6	8.6
67.5°	12.1	9.7	7.5	5.7	4.3	3.1	2.0	3.1	4.3	5.7	7.5
70°	11.0	8.8	6.6	5.0	3.9	2.9	2.0	2.9	3.9	5.0	6.6
72.5°	10.6	8.1	6.0	4.1	3.0	2.4	2.0	2.4	3.0	4.1	6.0
75°	9.9	7.1	4.7	3.2	2.7	2.4	2.0	2.4	2.7	3.2	4.7
77.5°	7.9	5.9	3.7	2.4	1.1	0.2	0.0	0.2	1.1	2.4	3.7
80°	5.6	3.7	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.9
82.5°	3.6	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	2.8	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	2.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	2.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	2.8	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	3.6	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	5.6	3.7	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.9
102.5°	7.9	5.9	3.7	2.4	1.1	0.2	0.0	0.2	1.1	2.4	3.7
105°	9.9	7.1	4.7	3.2	2.7	2.4	2.0	2.4	2.7	3.2	4.7
107.5°	10.6	8.1	6.0	4.1	3.0	2.4	2.0	2.4	3.0	4.1	6.0
110°	11.0	8.8	6.6	5.0	3.9	2.9	2.0	2.9	3.9	5.0	6.6



TEST NUMBER: P231953

CATALOG NUMBER: FVS4WM-4-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°	12.1	9.7	7.5	5.7	4.3	3.1	2.0	3.1	4.3	5.7	7.5
115°	13.1	10.8	8.6	6.6	4.9	3.4	2.0	3.4	4.9	6.6	8.6
117.5°	14.0	11.8	9.3	7.2	5.3	3.6	2.0	3.6	5.3	7.2	9.3
120°	14.6	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°	15.2	12.7	10.2	7.9	5.5	3.3	1.0	3.3	5.5	7.9	10.2
135°	15.2	12.7	10.3	7.9	5.6	3.3	1.0	3.3	5.6	7.9	10.3
137.5°	15.2	12.7	10.3	7.9	5.6	3.3	1.0	3.3	5.6	7.9	10.3
140°	14.7	12.4	10.1	7.9	5.6	3.3	1.0	3.3	5.6	7.9	10.1
142.5°	14.0	11.9	9.7	7.5	5.3	3.2	1.0	3.2	5.3	7.5	9.7
145°	13.3	11.3	9.2	7.2	5.1	3.1	1.0	3.1	5.1	7.2	9.2
147.5°	12.4	10.6	8.7	6.8	4.9	2.9	1.0	2.9	4.9	6.8	8.7
150°	11.5	9.8	8.0	6.3	4.5	2.8	1.0	2.8	4.5	6.3	8.0
152.5°	10.7	9.1	7.5	5.9	4.3	2.6	1.0	2.6	4.3	5.9	7.5
155°	9.8	8.3	6.9	5.4	3.9	2.5	1.0	2.5	3.9	5.4	6.9
157.5°	9.1	7.7	6.4	5.1	3.7	2.4	1.0	2.4	3.7	5.1	6.4
160°	8.3	7.1	5.9	4.7	3.5	2.2	1.0	2.2	3.5	4.7	5.9
162.5°	7.6	6.5	5.4	4.3	3.2	2.1	1.0	2.1	3.2	4.3	5.4
165°	6.7	5.8	4.8	3.9	2.9	2.0	1.0	2.0	2.9	3.9	4.8
167.5°	5.9	5.1	4.3	3.5	2.6	1.8	1.0	1.8	2.6	3.5	4.3
170°	5.0	4.3	3.7	3.0	2.3	1.7	1.0	1.7	2.3	3.0	3.7
172.5°	4.1	3.6	3.1	2.5	2.0	1.5	1.0	1.5	2.0	2.5	3.1
175°	3.1	2.8	2.4	2.1	1.7	1.4	1.0	1.4	1.7	2.1	2.4
177.5°	2.1	1.9	1.7	1.5	1.4	1.2	1.0	1.2	1.4	1.5	1.7
180°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0



TEST NUMBER: P231953

CATALOG NUMBER: FVS4WM-4-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°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
2.5°	1.9	2.1	2.2	2.4	2.6	2.8	2.9	3.1	3.2	3.4	3.6
5°	2.8	3.1	3.4	3.8	4.1	4.4	4.8	5.1	5.4	5.7	6.0
7.5°	3.6	4.1	4.6	5.1	5.6	6.0	6.5	7.0	7.4	7.9	8.3
10°	4.3	5.0	5.7	6.3	6.9	7.6	8.2	8.8	9.4	10.0	10.6
12.5°	5.1	5.9	6.7	7.5	8.3	9.0	9.8	10.6	11.3	12.0	12.7
15°	5.8	6.7	7.7	8.6	9.5	10.4	11.3	12.2	13.1	14.0	14.8
17.5°	6.5	7.6	8.6	9.7	10.8	11.8	12.8	13.9	14.9	15.9	16.8
20°	7.1	8.3	9.5	10.7	11.9	13.1	14.3	15.4	16.6	17.7	18.8
22.5°	7.7	9.1	10.4	11.7	13.1	14.4	15.7	16.9	18.2	19.5	20.7
25°	8.3	9.8	11.2	12.7	14.1	15.6	17.0	18.4	19.8	21.2	22.5
27.5°	9.1	10.7	12.2	13.7	15.2	16.7	18.3	19.8	21.3	22.8	24.3
30°	9.8	11.5	13.3	15.0	16.7	18.3	19.8	21.3	22.8	24.4	26.0
32.5°	10.6	12.4	14.2	16.0	17.7	19.6	21.4	23.2	24.9	26.3	27.8
35°	11.3	13.3	15.4	17.4	19.3	21.1	22.8	24.6	26.5	28.4	30.5
37.5°	11.9	14.0	16.2	18.3	20.5	22.6	24.7	26.6	28.3	30.4	33.1
40°	12.4	14.7	17.0	19.2	21.5	23.8	26.0	28.2	30.5	32.8	35.2
42.5°	12.7	15.2	17.7	20.1	22.5	24.9	27.2	29.4	31.7	34.3	37.2
45°	12.7	15.2	17.8	20.5	23.2	25.9	27.8	30.0	32.5	35.1	38.1
47.5°	12.7	15.2	17.8	20.5	23.3	25.5	27.8	30.3	32.8	35.6	38.7
50°	12.7	15.1	17.7	20.5	22.6	24.8	27.3	29.9	32.7	35.7	38.9
52.5°	12.9	15.6	18.1	20.0	21.8	24.0	26.4	29.2	32.3	35.4	38.8
55°	12.6	15.3	17.8	19.7	21.5	23.4	25.7	28.2	31.4	35.0	38.5
57.5°	12.3	14.8	16.8	18.8	20.9	23.1	25.3	27.7	30.4	34.1	38.1
60°	12.4	14.6	16.2	17.9	20.0	22.3	24.8	27.3	30.1	33.0	39.2
62.5°	11.8	14.0	16.1	17.9	19.5	21.6	24.0	26.8	30.6	35.7	41.5
65°	10.8	13.1	15.5	17.8	19.9	21.4	23.6	27.7	32.7	38.1	44.2
67.5°	9.7	12.1	14.7	17.4	19.9	22.2	25.2	29.5	34.6	40.3	46.7
70°	8.8	11.0	13.7	16.7	19.9	23.3	27.0	31.2	36.5	42.2	49.0
72.5°	8.1	10.6	13.0	15.9	19.4	23.5	28.1	32.7	38.2	44.4	51.2
75°	7.1	9.9	12.3	15.0	18.7	23.1	28.3	33.9	39.8	46.7	53.4
77.5°	5.9	7.9	10.5	13.8	17.9	22.5	28.0	34.8	41.2	48.2	54.8
80°	3.7	5.6	8.3	12.1	17.0	22.1	27.9	34.6	41.5	48.6	55.9
82.5°	1.9	3.6	6.3	10.6	16.3	22.1	27.8	34.5	41.9	49.3	57.1
85°	0.8	2.8	5.9	10.5	16.1	22.4	28.2	34.9	42.5	50.4	58.6
87.5°	0.2	2.3	6.1	10.8	16.5	23.2	29.0	35.8	43.6	51.9	60.4
90°	0.0	2.0	6.9	11.8	17.6	24.5	30.4	37.3	45.1	53.9	62.7
92.5°	0.2	2.3	6.1	10.8	16.5	23.2	29.0	35.8	43.6	51.9	60.4
95°	0.8	2.8	5.9	10.5	16.1	22.4	28.2	34.9	42.5	50.4	58.6
97.5°	1.9	3.6	6.3	10.6	16.3	22.1	27.8	34.5	41.9	49.3	57.1
100°	3.7	5.6	8.3	12.1	17.0	22.1	27.9	34.6	41.5	48.6	55.9
102.5°	5.9	7.9	10.5	13.8	17.9	22.5	28.0	34.8	41.2	48.2	54.8
105°	7.1	9.9	12.3	15.0	18.7	23.1	28.3	33.9	39.8	46.7	53.4
107.5°	8.1	10.6	13.0	15.9	19.4	23.5	28.1	32.7	38.2	44.4	51.2
110°	8.8	11.0	13.7	16.7	19.9	23.3	27.0	31.2	36.5	42.2	49.0



TEST NUMBER: P231953

CATALOG NUMBER: FVS4WM-4-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°	9.7	12.1	14.7	17.4	19.9	22.2	25.2	29.5	34.6	40.3	46.7
115°	10.8	13.1	15.5	17.8	19.9	21.4	23.6	27.7	32.7	38.1	44.2
117.5°	11.8	14.0	16.1	17.9	19.5	21.6	24.0	26.8	30.6	35.7	41.5
120°	12.4	14.6	16.2	17.9	20.0	22.3	24.8	27.3	30.1	33.0	39.2
122.5°	12.3	14.8	16.8	18.8	20.9	23.1	25.3	27.7	30.4	34.1	38.1
125°	12.6	15.3	17.8	19.7	21.5	23.4	25.7	28.2	31.4	35.0	38.5
127.5°	12.9	15.6	18.1	20.0	21.8	24.0	26.4	29.2	32.3	35.4	38.8
130°	12.7	15.1	17.7	20.5	22.6	24.8	27.3	29.9	32.7	35.7	38.9
132.5°	12.7	15.2	17.8	20.5	23.3	25.5	27.8	30.3	32.8	35.6	38.7
135°	12.7	15.2	17.8	20.5	23.2	25.9	27.8	30.0	32.5	35.1	38.1
137.5°	12.7	15.2	17.7	20.1	22.5	24.9	27.2	29.4	31.7	34.3	37.2
140°	12.4	14.7	17.0	19.2	21.5	23.8	26.0	28.2	30.5	32.8	35.2
142.5°	11.9	14.0	16.2	18.3	20.5	22.6	24.7	26.6	28.3	30.4	33.1
145°	11.3	13.3	15.4	17.4	19.3	21.1	22.8	24.6	26.5	28.4	30.5
147.5°	10.6	12.4	14.2	16.0	17.7	19.6	21.4	23.2	24.9	26.3	27.8
150°	9.8	11.5	13.3	15.0	16.7	18.3	19.8	21.3	22.8	24.4	26.0
152.5°	9.1	10.7	12.2	13.7	15.2	16.7	18.3	19.8	21.3	22.8	24.3
155°	8.3	9.8	11.2	12.7	14.1	15.6	17.0	18.4	19.8	21.2	22.5
157.5°	7.7	9.1	10.4	11.7	13.1	14.4	15.7	16.9	18.2	19.5	20.7
160°	7.1	8.3	9.5	10.7	11.9	13.1	14.3	15.4	16.6	17.7	18.8
162.5°	6.5	7.6	8.6	9.7	10.8	11.8	12.8	13.9	14.9	15.9	16.8
165°	5.8	6.7	7.7	8.6	9.5	10.4	11.3	12.2	13.1	14.0	14.8
167.5°	5.1	5.9	6.7	7.5	8.3	9.0	9.8	10.6	11.3	12.0	12.7
170°	4.3	5.0	5.7	6.3	6.9	7.6	8.2	8.8	9.4	10.0	10.6
172.5°	3.6	4.1	4.6	5.1	5.6	6.0	6.5	7.0	7.4	7.9	8.3
175°	2.8	3.1	3.4	3.8	4.1	4.4	4.8	5.1	5.4	5.7	6.0
177.5°	1.9	2.1	2.2	2.4	2.6	2.8	2.9	3.1	3.2	3.4	3.6
180°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0



TEST NUMBER: P231953

CATALOG NUMBER: FVS4WM-4-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°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
2.5°	3.7	3.9	4.0	4.1	4.3	4.4	4.5	4.6	4.7	4.8	4.9
5°	6.3	6.5	6.8	7.1	7.3	7.5	7.8	8.0	8.2	8.4	8.6
7.5°	8.7	9.2	9.6	9.9	10.3	10.7	11.0	11.3	11.6	11.9	12.2
10°	11.1	11.7	12.2	12.7	13.2	13.7	14.2	14.6	15.0	15.4	15.8
12.5°	13.4	14.1	14.8	15.4	16.0	16.7	17.2	17.8	18.3	18.8	19.3
15°	15.6	16.5	17.3	18.0	18.8	19.5	20.2	20.9	21.5	22.1	22.7
17.5°	17.8	18.7	19.7	20.5	21.4	22.3	23.1	23.9	24.6	25.4	26.1
20°	19.9	20.9	22.0	23.0	24.0	25.0	25.9	26.8	27.7	28.6	29.4
22.5°	21.9	23.1	24.3	25.4	26.5	27.6	28.7	29.7	30.7	31.7	32.6
25°	23.9	25.2	26.5	27.8	29.0	30.2	31.4	32.5	33.7	34.8	37.2
27.5°	25.8	27.2	28.6	30.0	31.4	32.7	35.3	38.1	41.1	44.1	47.4
30°	27.6	29.2	30.7	33.0	35.8	38.8	41.9	45.2	48.7	52.5	56.5
32.5°	29.4	31.8	34.6	37.6	40.7	44.0	47.5	51.3	55.4	59.8	64.6
35°	32.8	35.2	38.2	41.4	44.9	48.5	52.5	56.6	61.2	66.3	71.8
37.5°	35.9	38.6	41.3	44.6	48.4	52.4	56.7	61.4	66.3	72.0	78.2
40°	38.0	41.2	44.4	47.6	51.3	55.7	60.4	65.5	71.0	77.0	84.0
42.5°	40.0	43.1	46.7	50.4	54.2	58.5	63.6	69.2	75.2	81.7	89.2
45°	41.4	44.8	48.4	52.6	56.8	61.2	66.5	72.4	79.0	86.1	93.8
47.5°	42.1	45.9	49.9	54.2	59.0	63.9	68.9	75.3	82.4	90.0	98.5
50°	42.4	46.4	50.9	55.6	60.7	66.1	71.7	78.3	86.9	95.3	103.5
52.5°	42.6	46.7	51.3	56.5	62.1	69.8	77.8	85.8	94.3	102.3	109.6
55°	42.4	46.8	52.0	59.8	68.0	76.5	85.1	93.7	102.3	110.3	116.8
57.5°	42.4	49.3	56.7	64.6	73.7	82.9	92.2	101.4	110.8	118.7	124.8
60°	45.9	53.0	61.0	69.4	78.8	89.0	99.1	109.0	119.0	127.5	133.5
62.5°	49.0	56.5	64.9	73.9	83.5	94.9	105.8	116.5	127.1	136.6	143.0
65°	51.5	59.8	68.5	78.2	88.4	100.2	112.3	123.9	135.2	146.1	153.1
67.5°	54.1	62.7	72.1	82.3	93.3	105.3	118.7	131.2	143.3	155.3	162.5
70°	56.7	65.6	75.5	86.3	98.0	110.2	125.1	138.5	151.3	163.4	169.8
72.5°	59.3	68.5	78.8	90.3	102.6	114.6	128.7	141.8	153.3	163.2	169.3
75°	61.8	70.9	80.8	91.7	103.6	116.3	130.4	143.9	155.1	163.9	169.2
77.5°	62.6	71.7	81.6	92.6	104.8	118.1	132.5	146.4	157.5	165.3	169.4
80°	63.7	72.8	82.9	93.9	106.4	120.0	135.1	149.3	160.4	167.3	170.0
82.5°	65.0	74.3	84.6	95.5	108.3	122.2	138.1	152.6	163.8	169.7	170.8
85°	66.8	76.2	86.6	97.5	110.6	124.8	141.6	156.3	167.5	172.5	171.7
87.5°	69.0	78.6	89.2	99.9	113.4	127.8	145.6	160.3	171.4	175.4	172.6
90°	71.6	81.4	92.2	102.9	116.7	131.4	150.0	164.7	175.5	178.4	173.5
92.5°	69.0	78.6	89.2	99.9	113.4	127.8	145.6	160.3	171.4	175.4	172.6
95°	66.8	76.2	86.6	97.5	110.6	124.8	141.6	156.3	167.5	172.5	171.7
97.5°	65.0	74.3	84.6	95.5	108.3	122.2	138.1	152.6	163.8	169.7	170.8
100°	63.7	72.8	82.9	93.9	106.4	120.0	135.1	149.3	160.4	167.3	170.0
102.5°	62.6	71.7	81.6	92.6	104.8	118.1	132.5	146.4	157.5	165.3	169.4
105°	61.8	70.9	80.8	91.7	103.6	116.3	130.4	143.9	155.1	163.9	169.2
107.5°	59.3	68.5	78.8	90.3	102.6	114.6	128.7	141.8	153.3	163.2	169.3
110°	56.7	65.6	75.5	86.3	98.0	110.2	125.1	138.5	151.3	163.4	169.8



TEST NUMBER: P231953

CATALOG NUMBER: FVS4WM-4-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°	54.1	62.7	72.1	82.3	93.3	105.3	118.7	131.2	143.3	155.3	162.5
115°	51.5	59.8	68.5	78.2	88.4	100.2	112.3	123.9	135.2	146.1	153.1
117.5°	49.0	56.5	64.9	73.9	83.5	94.9	105.8	116.5	127.1	136.6	143.0
120°	45.9	53.0	61.0	69.4	78.8	89.0	99.1	109.0	119.0	127.5	133.5
122.5°	42.4	49.3	56.7	64.6	73.7	82.9	92.2	101.4	110.8	118.7	124.8
125°	42.4	46.8	52.0	59.8	68.0	76.5	85.1	93.7	102.3	110.3	116.8
127.5°	42.6	46.7	51.3	56.5	62.1	69.8	77.8	85.8	94.3	102.3	109.6
130°	42.4	46.4	50.9	55.6	60.7	66.1	71.7	78.3	86.9	95.3	103.5
132.5°	42.1	45.9	49.9	54.2	59.0	63.9	68.9	75.3	82.4	90.0	98.5
135°	41.4	44.8	48.4	52.6	56.8	61.2	66.5	72.4	79.0	86.1	93.8
137.5°	40.0	43.1	46.7	50.4	54.2	58.5	63.6	69.2	75.2	81.7	89.2
140°	38.0	41.2	44.4	47.6	51.3	55.7	60.4	65.5	71.0	77.0	84.0
142.5°	35.9	38.6	41.3	44.6	48.4	52.4	56.7	61.4	66.3	72.0	78.2
145°	32.8	35.2	38.2	41.4	44.9	48.5	52.5	56.6	61.2	66.3	71.8
147.5°	29.4	31.8	34.6	37.6	40.7	44.0	47.5	51.3	55.4	59.8	64.6
150°	27.6	29.2	30.7	33.0	35.8	38.8	41.9	45.2	48.7	52.5	56.5
152.5°	25.8	27.2	28.6	30.0	31.4	32.7	35.3	38.1	41.1	44.1	47.4
155°	23.9	25.2	26.5	27.8	29.0	30.2	31.4	32.5	33.7	34.8	37.2
157.5°	21.9	23.1	24.3	25.4	26.5	27.6	28.7	29.7	30.7	31.7	32.6
160°	19.9	20.9	22.0	23.0	24.0	25.0	25.9	26.8	27.7	28.6	29.4
162.5°	17.8	18.7	19.7	20.5	21.4	22.3	23.1	23.9	24.6	25.4	26.1
165°	15.6	16.5	17.3	18.0	18.8	19.5	20.2	20.9	21.5	22.1	22.7
167.5°	13.4	14.1	14.8	15.4	16.0	16.7	17.2	17.8	18.3	18.8	19.3
170°	11.1	11.7	12.2	12.7	13.2	13.7	14.2	14.6	15.0	15.4	15.8
172.5°	8.7	9.2	9.6	9.9	10.3	10.7	11.0	11.3	11.6	11.9	12.2
175°	6.3	6.5	6.8	7.1	7.3	7.5	7.8	8.0	8.2	8.4	8.6
177.5°	3.7	3.9	4.0	4.1	4.3	4.4	4.5	4.6	4.7	4.8	4.9
180°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0



TEST NUMBER: P231953

CATALOG NUMBER: FVS4WM-4-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°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
2.5°	5.0	5.1	5.2	5.2	5.3	5.3	5.4	5.4	5.4	5.5	6.1
5°	8.8	9.0	9.1	9.3	9.4	9.6	9.7	9.8	9.9	9.9	11.3
7.5°	12.4	12.7	12.9	13.2	13.5	13.7	13.9	14.1	14.3	14.4	16.3
10°	16.1	16.4	16.7	17.0	17.3	17.7	18.0	18.3	18.6	18.9	21.4
12.5°	19.7	20.1	20.5	20.8	21.2	21.6	22.1	22.5	23.0	23.3	26.5
15°	23.3	23.8	24.3	24.7	25.1	25.4	26.0	26.7	27.3	27.8	31.5
17.5°	26.7	27.4	27.9	28.5	29.0	29.4	29.9	30.8	31.5	32.3	36.5
20°	30.2	30.9	31.6	32.3	32.8	33.3	33.8	34.8	35.8	36.7	41.5
22.5°	33.5	34.4	35.2	35.9	36.6	37.2	37.8	38.8	40.0	41.2	46.4
25°	39.6	42.1	44.4	46.4	48.3	49.6	50.7	51.8	53.1	54.3	59.5
27.5°	50.6	53.7	56.8	59.4	61.7	63.4	64.3	65.1	66.3	67.3	72.6
30°	60.6	64.7	68.6	72.3	74.9	77.3	78.1	78.6	79.6	80.4	85.5
32.5°	69.6	74.8	79.7	84.3	88.0	90.8	91.9	92.2	92.9	93.5	98.4
35°	77.7	84.0	90.3	95.9	100.9	104.2	105.9	105.9	106.3	106.5	111.2
37.5°	85.1	92.4	100.0	106.9	113.7	117.4	120.0	119.7	119.7	119.6	123.9
40°	91.7	100.0	108.9	117.6	125.2	130.5	134.1	133.5	133.1	132.7	136.5
42.5°	97.6	107.2	117.2	128.1	136.6	143.5	148.3	147.4	146.6	145.7	149.0
45°	103.3	113.7	125.0	137.0	147.7	156.5	161.6	161.4	160.1	158.8	161.5
47.5°	108.2	118.4	129.2	140.4	150.9	160.1	165.6	167.6	168.5	170.1	176.7
50°	111.5	120.3	130.2	140.7	151.4	161.2	168.4	173.0	176.7	181.5	192.2
52.5°	116.1	123.6	131.9	141.4	151.9	162.2	170.9	178.0	184.7	192.8	208.0
55°	122.2	127.8	134.4	142.5	152.6	163.1	173.2	182.7	192.5	204.1	224.0
57.5°	129.2	133.0	137.7	144.2	153.7	164.2	175.4	187.1	200.1	215.5	240.2
60°	137.1	139.1	141.8	146.9	155.0	165.3	177.4	191.2	207.5	226.8	256.7
62.5°	145.8	146.0	146.8	150.0	156.7	166.6	179.2	195.1	214.8	238.1	273.3
65°	154.9	153.7	152.5	153.6	158.7	167.9	181.0	198.7	222.0	249.5	290.0
67.5°	164.3	162.0	158.8	157.6	160.9	169.3	182.7	202.2	229.1	260.8	306.9
70°	170.1	166.0	160.9	158.3	160.6	168.4	181.5	200.7	227.4	259.6	306.4
72.5°	169.4	165.3	160.1	157.5	159.6	167.3	180.2	199.1	225.7	258.4	305.7
75°	169.0	164.5	159.2	156.6	158.8	166.2	179.0	197.6	224.1	257.2	306.6
77.5°	168.6	163.6	158.2	155.7	157.9	165.2	178.0	196.3	222.5	256.0	305.2
80°	168.2	162.6	157.1	154.8	157.2	164.3	177.1	195.0	221.0	254.8	303.7
82.5°	167.9	161.6	155.9	153.8	156.5	163.6	176.3	193.9	219.6	253.6	302.3
85°	167.6	160.4	154.7	152.9	155.9	162.9	175.6	192.9	218.2	252.4	300.9
87.5°	167.2	159.1	153.4	151.9	155.4	162.3	175.0	192.0	216.9	251.2	299.5
90°	166.7	157.8	152.0	151.0	154.9	161.8	174.5	191.2	215.7	250.0	298.1
92.5°	167.2	159.1	153.4	151.9	155.4	162.3	175.0	192.0	216.9	251.2	299.5
95°	167.6	160.4	154.7	152.9	155.9	162.9	175.6	192.9	218.2	252.4	300.9
97.5°	167.9	161.6	155.9	153.8	156.5	163.6	176.3	193.9	219.6	253.6	302.3
100°	168.2	162.6	157.1	154.8	157.2	164.3	177.1	195.0	221.0	254.8	303.7
102.5°	168.6	163.6	158.2	155.7	157.9	165.2	178.0	196.3	222.5	256.0	305.2
105°	169.0	164.5	159.2	156.6	158.8	166.2	179.0	197.6	224.1	257.2	306.6
107.5°	169.4	165.3	160.1	157.5	159.6	167.3	180.2	199.1	225.7	258.4	305.7
110°	170.1	166.0	160.9	158.3	160.6	168.4	181.5	200.7	227.4	259.6	306.4



TEST NUMBER: P231953

CATALOG NUMBER: FVS4WM-4-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°	164.3	162.0	158.8	157.6	160.9	169.3	182.7	202.2	229.1	260.8	306.9
115°	154.9	153.7	152.5	153.6	158.7	167.9	181.0	198.7	222.0	249.5	290.0
117.5°	145.8	146.0	146.8	150.0	156.7	166.6	179.2	195.1	214.8	238.1	273.3
120°	137.1	139.1	141.8	146.9	155.0	165.3	177.4	191.2	207.5	226.8	256.7
122.5°	129.2	133.0	137.7	144.2	153.7	164.2	175.4	187.1	200.1	215.5	240.2
125°	122.2	127.8	134.4	142.5	152.6	163.1	173.2	182.7	192.5	204.1	224.0
127.5°	116.1	123.6	131.9	141.4	151.9	162.2	170.9	178.0	184.7	192.8	208.0
130°	111.5	120.3	130.2	140.7	151.4	161.2	168.4	173.0	176.7	181.5	192.2
132.5°	108.2	118.4	129.2	140.4	150.9	160.1	165.6	167.6	168.5	170.1	176.7
135°	103.3	113.7	125.0	137.0	147.7	156.5	161.6	161.4	160.1	158.8	161.5
137.5°	97.6	107.2	117.2	128.1	136.6	143.5	148.3	147.4	146.6	145.7	149.0
140°	91.7	100.0	108.9	117.6	125.2	130.5	134.1	133.5	133.1	132.7	136.5
142.5°	85.1	92.4	100.0	106.9	113.7	117.4	120.0	119.7	119.7	119.6	123.9
145°	77.7	84.0	90.3	95.9	100.9	104.2	105.9	105.9	106.3	106.5	111.2
147.5°	69.6	74.8	79.7	84.3	88.0	90.8	91.9	92.2	92.9	93.5	98.4
150°	60.6	64.7	68.6	72.3	74.9	77.3	78.1	78.6	79.6	80.4	85.5
152.5°	50.6	53.7	56.8	59.4	61.7	63.4	64.3	65.1	66.3	67.3	72.6
155°	39.6	42.1	44.4	46.4	48.3	49.6	50.7	51.8	53.1	54.3	59.5
157.5°	33.5	34.4	35.2	35.9	36.6	37.2	37.8	38.8	40.0	41.2	46.4
160°	30.2	30.9	31.6	32.3	32.8	33.3	33.8	34.8	35.8	36.7	41.5
162.5°	26.7	27.4	27.9	28.5	29.0	29.4	29.9	30.8	31.5	32.3	36.5
165°	23.3	23.8	24.3	24.7	25.1	25.4	26.0	26.7	27.3	27.8	31.5
167.5°	19.7	20.1	20.5	20.8	21.2	21.6	22.1	22.5	23.0	23.3	26.5
170°	16.1	16.4	16.7	17.0	17.3	17.7	18.0	18.3	18.6	18.9	21.4
172.5°	12.4	12.7	12.9	13.2	13.5	13.7	13.9	14.1	14.3	14.4	16.3
175°	8.8	9.0	9.1	9.3	9.4	9.6	9.7	9.8	9.9	9.9	11.3
177.5°	5.0	5.1	5.2	5.2	5.3	5.3	5.4	5.4	5.4	5.5	6.1
180°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0



TEST NUMBER: P231953

CATALOG NUMBER: FVS4WM-4-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°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
2.5°	6.8	7.4	8.1	8.7	9.3	9.9	10.5	11.1	11.6	12.1	12.6
5°	12.6	13.8	15.1	16.3	17.5	18.7	19.8	20.9	22.0	23.0	24.1
7.5°	18.3	20.2	22.0	23.8	25.6	27.3	29.1	31.2	33.2	35.2	37.1
10°	23.9	26.4	28.8	31.2	33.7	36.5	39.3	42.1	44.7	47.3	49.9
12.5°	29.6	32.6	35.6	38.8	42.4	45.9	49.3	52.7	55.9	58.9	61.9
15°	35.1	38.7	42.3	46.6	50.8	55.0	59.0	63.1	67.0	70.7	74.8
17.5°	40.7	44.8	49.4	54.3	59.1	64.0	68.9	73.7	78.3	82.7	86.9
20°	46.1	50.8	56.4	61.8	67.3	73.2	79.0	84.5	89.9	95.0	99.9
22.5°	51.5	57.0	63.1	69.2	75.8	82.6	89.2	95.6	101.7	107.6	113.4
25°	64.5	70.2	76.3	82.4	89.3	95.9	102.4	108.7	114.8	121.1	127.7
27.5°	77.6	83.8	90.1	97.1	104.3	111.4	118.4	125.2	131.9	138.5	143.8
30°	90.4	97.2	103.9	111.4	119.3	126.6	134.1	141.3	148.3	154.3	159.7
32.5°	103.4	110.4	117.5	125.3	133.3	141.6	149.4	156.8	163.4	169.3	173.0
35°	116.3	123.4	130.9	139.0	147.6	156.8	164.0	171.4	177.7	182.6	184.1
37.5°	129.1	136.2	144.1	152.3	161.7	170.3	178.1	185.0	192.0	193.3	194.5
40°	141.7	148.9	157.0	165.8	175.5	183.9	191.5	198.2	202.2	203.6	203.9
42.5°	154.3	161.4	169.7	179.0	189.0	196.9	204.1	210.9	212.3	213.0	212.9
45°	166.7	173.9	182.1	192.1	201.7	209.4	216.4	220.8	222.0	221.8	222.2
47.5°	186.1	197.2	208.5	219.3	226.5	230.8	233.9	232.3	230.9	230.5	231.2
50°	206.5	222.6	238.9	252.6	259.1	262.6	264.5	260.6	255.5	250.4	246.0
52.5°	227.4	248.9	270.0	286.7	291.2	293.8	293.2	288.2	281.8	276.3	272.3
55°	248.8	276.2	301.6	319.8	323.0	324.6	321.4	315.0	307.8	301.4	297.7
57.5°	270.7	304.1	333.7	351.9	354.3	354.9	349.1	341.3	333.3	326.5	322.5
60°	292.9	332.8	366.2	383.7	385.1	384.4	376.4	367.3	358.3	351.5	348.6
62.5°	315.6	362.0	399.0	415.2	415.5	412.6	403.3	392.9	382.8	375.8	374.3
65°	338.5	391.7	432.1	446.5	445.7	440.4	429.7	418.2	406.9	399.7	399.5
67.5°	361.7	421.8	465.4	477.6	475.5	468.1	456.0	443.2	431.4	424.0	424.2
70°	362.7	424.9	471.2	487.7	490.6	484.6	474.3	463.5	453.5	448.3	450.8
72.5°	362.8	425.5	473.0	493.8	500.7	494.5	485.7	476.7	468.5	465.0	469.7
75°	362.6	425.7	474.7	500.8	511.2	504.5	497.7	490.5	483.9	481.3	487.1
77.5°	362.2	425.5	476.2	508.5	522.1	514.7	510.3	504.9	499.7	497.4	503.9
80°	363.5	424.9	477.5	516.6	533.3	525.0	523.3	519.7	515.7	513.4	520.1
82.5°	361.8	425.5	480.4	524.9	544.7	535.4	536.7	534.9	531.9	529.2	535.9
85°	360.2	423.2	480.1	534.3	556.6	545.8	550.4	550.3	548.3	545.0	551.4
87.5°	358.5	420.9	479.7	541.6	567.6	556.7	563.9	565.8	564.8	560.7	566.6
90°	356.9	418.6	479.4	549.0	578.5	567.7	577.5	581.4	581.4	576.5	581.4
92.5°	358.5	420.9	479.7	541.6	567.6	556.7	563.9	565.8	564.8	560.7	566.6
95°	360.2	423.2	480.1	534.3	556.6	545.8	550.4	550.3	548.3	545.0	551.4
97.5°	361.8	425.5	480.4	524.9	544.7	535.4	536.7	534.9	531.9	529.2	535.9
100°	363.5	424.9	477.5	516.6	533.3	525.0	523.3	519.7	515.7	513.4	520.1
102.5°	362.2	425.5	476.2	508.5	522.1	514.7	510.3	504.9	499.7	497.4	503.9
105°	362.6	425.7	474.7	500.8	511.2	504.5	497.7	490.5	483.9	481.3	487.1
107.5°	362.8	425.5	473.0	493.8	500.7	494.5	485.7	476.7	468.5	465.0	469.7
110°	362.7	424.9	471.2	487.7	490.6	484.6	474.3	463.5	453.5	448.3	450.8



TEST NUMBER: P231953

CATALOG NUMBER: FVS4WM-4-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°	361.7	421.8	465.4	477.6	475.5	468.1	456.0	443.2	431.4	424.0	424.2
115°	338.5	391.7	432.1	446.5	445.7	440.4	429.7	418.2	406.9	399.7	399.5
117.5°	315.6	362.0	399.0	415.2	415.5	412.6	403.3	392.9	382.8	375.8	374.3
120°	292.9	332.8	366.2	383.7	385.1	384.4	376.4	367.3	358.3	351.5	348.6
122.5°	270.7	304.1	333.7	351.9	354.3	354.9	349.1	341.3	333.3	326.5	322.5
125°	248.8	276.2	301.6	319.8	323.0	324.6	321.4	315.0	307.8	301.4	297.7
127.5°	227.4	248.9	270.0	286.7	291.2	293.8	293.2	288.2	281.8	276.3	272.3
130°	206.5	222.6	238.9	252.6	259.1	262.6	264.5	260.6	255.5	250.4	246.0
132.5°	186.1	197.2	208.5	219.3	226.5	230.8	233.9	232.3	230.9	230.5	231.2
135°	166.7	173.9	182.1	192.1	201.7	209.4	216.4	220.8	222.0	221.8	222.2
137.5°	154.3	161.4	169.7	179.0	189.0	196.9	204.1	210.9	212.3	213.0	212.9
140°	141.7	148.9	157.0	165.8	175.5	183.9	191.5	198.2	202.2	203.6	203.9
142.5°	129.1	136.2	144.1	152.3	161.7	170.3	178.1	185.0	192.0	193.3	194.5
145°	116.3	123.4	130.9	139.0	147.6	156.8	164.0	171.4	177.7	182.6	184.1
147.5°	103.4	110.4	117.5	125.3	133.3	141.6	149.4	156.8	163.4	169.3	173.0
150°	90.4	97.2	103.9	111.4	119.3	126.6	134.1	141.3	148.3	154.3	159.7
152.5°	77.6	83.8	90.1	97.1	104.3	111.4	118.4	125.2	131.9	138.5	143.8
155°	64.5	70.2	76.3	82.4	89.3	95.9	102.4	108.7	114.8	121.1	127.7
157.5°	51.5	57.0	63.1	69.2	75.8	82.6	89.2	95.6	101.7	107.6	113.4
160°	46.1	50.8	56.4	61.8	67.3	73.2	79.0	84.5	89.9	95.0	99.9
162.5°	40.7	44.8	49.4	54.3	59.1	64.0	68.9	73.7	78.3	82.7	86.9
165°	35.1	38.7	42.3	46.6	50.8	55.0	59.0	63.1	67.0	70.7	74.8
167.5°	29.6	32.6	35.6	38.8	42.4	45.9	49.3	52.7	55.9	58.9	61.9
170°	23.9	26.4	28.8	31.2	33.7	36.5	39.3	42.1	44.7	47.3	49.9
172.5°	18.3	20.2	22.0	23.8	25.6	27.3	29.1	31.2	33.2	35.2	37.1
175°	12.6	13.8	15.1	16.3	17.5	18.7	19.8	20.9	22.0	23.0	24.1
177.5°	6.8	7.4	8.1	8.7	9.3	9.9	10.5	11.1	11.6	12.1	12.6
180°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0



TEST NUMBER: P231953

CATALOG NUMBER: FVS4WM-4-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°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
2.5°	13.1	13.6	14.0	14.4	14.8	15.1	15.5	15.8	16.1	16.3	16.5
5°	25.3	26.4	27.6	28.6	29.7	30.6	31.5	32.4	33.1	33.8	34.5
7.5°	38.9	40.6	42.3	43.9	45.4	46.6	47.7	48.8	49.7	50.6	51.3
10°	52.0	54.1	56.1	58.0	59.7	61.4	62.9	64.2	65.4	66.4	67.3
12.5°	64.7	67.4	69.9	72.1	74.2	76.2	78.0	79.6	81.0	82.1	82.9
15°	77.6	80.8	83.7	86.5	89.0	91.1	92.9	94.5	95.8	96.9	97.8
17.5°	90.8	95.1	97.9	101.0	103.7	106.2	108.4	110.4	112.2	113.7	115.0
20°	104.4	108.7	112.6	116.2	119.3	122.2	124.8	126.9	128.5	130.0	131.4
22.5°	118.8	123.6	127.8	131.6	135.3	137.1	139.0	140.9	142.7	144.6	146.5
25°	133.3	138.3	143.5	145.1	147.1	149.2	151.0	153.0	155.2	157.6	160.3
27.5°	148.8	152.3	153.5	155.5	157.1	158.8	161.2	163.5	166.4	169.5	173.6
30°	163.0	164.3	165.3	165.5	165.7	166.9	169.6	172.7	178.1	183.4	189.2
32.5°	174.4	175.4	175.7	176.1	177.0	177.9	180.9	184.8	191.3	199.7	207.9
35°	185.1	185.4	186.0	187.1	188.8	192.6	196.3	202.9	209.2	219.1	232.0
37.5°	194.8	195.3	196.5	198.8	202.8	208.1	215.3	223.6	235.2	247.4	262.0
40°	204.2	205.4	207.6	211.7	217.9	225.6	236.7	249.5	265.6	283.8	303.1
42.5°	213.9	215.6	219.6	225.8	233.9	246.6	260.5	280.8	302.6	326.9	352.5
45°	223.2	226.8	232.1	240.5	253.5	268.5	291.3	315.1	344.0	373.6	405.2
47.5°	233.5	237.2	245.7	257.8	273.6	297.4	323.6	354.7	388.1	422.9	461.4
50°	244.3	249.8	259.6	276.1	299.2	326.3	359.3	395.3	434.9	476.8	521.0
52.5°	270.5	273.2	282.2	297.1	325.7	358.3	395.6	437.7	483.3	532.9	586.3
55°	297.9	302.7	314.8	334.4	359.9	390.7	431.8	481.2	534.1	591.6	647.7
57.5°	324.5	333.3	348.8	370.6	397.8	433.8	476.6	526.1	586.4	644.8	704.3
60°	351.4	362.7	382.0	405.3	435.7	474.4	522.2	578.4	635.4	692.4	759.4
62.5°	380.1	393.5	413.3	436.3	471.4	514.9	566.4	624.0	680.6	743.4	809.3
65°	407.9	423.4	442.6	467.6	504.7	550.6	606.3	663.0	722.7	787.4	855.3
67.5°	434.9	451.5	468.8	497.4	536.9	585.0	640.4	696.9	758.5	824.9	903.6
70°	461.9	477.9	492.0	524.3	565.0	615.0	669.5	726.6	788.4	858.3	948.6
72.5°	483.1	499.5	516.5	549.3	589.7	642.3	694.1	749.9	812.5	891.3	986.2
75°	501.7	518.3	538.2	569.1	609.4	659.0	712.6	767.8	830.6	917.1	1016.8
77.5°	519.8	536.9	557.1	585.3	624.3	671.6	722.6	779.1	849.9	940.1	1041.7
80°	537.5	555.2	573.5	598.5	635.7	680.2	728.9	786.4	864.6	962.2	1074.7
82.5°	554.7	573.2	588.0	609.2	644.1	685.2	731.6	789.9	874.8	980.0	1098.8
85°	571.3	590.8	601.0	617.8	649.9	687.2	731.2	789.8	880.2	992.7	1113.8
87.5°	587.8	608.3	613.1	625.3	654.3	687.4	729.0	787.7	883.2	1003.1	1124.2
90°	603.0	624.5	624.5	631.4	655.9	684.3	722.6	779.4	875.5	999.1	1117.7
92.5°	587.8	608.3	613.1	625.3	654.3	687.4	729.0	787.7	883.2	1003.1	1124.2
95°	571.3	590.8	601.0	617.8	649.9	687.2	731.2	789.8	880.2	992.7	1113.8
97.5°	554.7	573.2	588.0	609.2	644.1	685.2	731.6	789.9	874.8	980.0	1098.8
100°	537.5	555.2	573.5	598.5	635.7	680.2	728.9	786.4	864.6	962.2	1074.7
102.5°	519.8	536.9	557.1	585.3	624.3	671.6	722.6	779.1	849.9	940.1	1041.7
105°	501.7	518.3	538.2	569.1	609.4	659.0	712.6	767.8	830.6	917.1	1016.8
107.5°	483.1	499.5	516.5	549.3	589.7	642.3	694.1	749.9	812.5	891.3	986.2
110°	461.9	477.9	492.0	524.3	565.0	615.0	669.5	726.6	788.4	858.3	948.6



TEST NUMBER: P231953

CATALOG NUMBER: FVS4WM-4-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°	434.9	451.5	468.8	497.4	536.9	585.0	640.4	696.9	758.5	824.9	903.6
115°	407.9	423.4	442.6	467.6	504.7	550.6	606.3	663.0	722.7	787.4	855.3
117.5°	380.1	393.5	413.3	436.3	471.4	514.9	566.4	624.0	680.6	743.4	809.3
120°	351.4	362.7	382.0	405.3	435.7	474.4	522.2	578.4	635.4	692.4	759.4
122.5°	324.5	333.3	348.8	370.6	397.8	433.8	476.6	526.1	586.4	644.8	704.3
125°	297.9	302.7	314.8	334.4	359.9	390.7	431.8	481.2	534.1	591.6	647.7
127.5°	270.5	273.2	282.2	297.1	325.7	358.3	395.6	437.7	483.3	532.9	586.3
130°	244.3	249.8	259.6	276.1	299.2	326.3	359.3	395.3	434.9	476.8	521.0
132.5°	233.5	237.2	245.7	257.8	273.6	297.4	323.6	354.7	388.1	422.9	461.4
135°	223.2	226.8	232.1	240.5	253.5	268.5	291.3	315.1	344.0	373.6	405.2
137.5°	213.9	215.6	219.6	225.8	233.9	246.6	260.5	280.8	302.6	326.9	352.5
140°	204.2	205.4	207.6	211.7	217.9	225.6	236.7	249.5	265.6	283.8	303.1
142.5°	194.8	195.3	196.5	198.8	202.8	208.1	215.3	223.6	235.2	247.4	262.0
145°	185.1	185.4	186.0	187.1	188.8	192.6	196.3	202.9	209.2	219.1	232.0
147.5°	174.4	175.4	175.7	176.1	177.0	177.9	180.9	184.8	191.3	199.7	207.9
150°	163.0	164.3	165.3	165.5	165.7	166.9	169.6	172.7	178.1	183.4	189.2
152.5°	148.8	152.3	153.5	155.5	157.1	158.8	161.2	163.5	166.4	169.5	173.6
155°	133.3	138.3	143.5	145.1	147.1	149.2	151.0	153.0	155.2	157.6	160.3
157.5°	118.8	123.6	127.8	131.6	135.3	137.1	139.0	140.9	142.7	144.6	146.5
160°	104.4	108.7	112.6	116.2	119.3	122.2	124.8	126.9	128.5	130.0	131.4
162.5°	90.8	95.1	97.9	101.0	103.7	106.2	108.4	110.4	112.2	113.7	115.0
165°	77.6	80.8	83.7	86.5	89.0	91.1	92.9	94.5	95.8	96.9	97.8
167.5°	64.7	67.4	69.9	72.1	74.2	76.2	78.0	79.6	81.0	82.1	82.9
170°	52.0	54.1	56.1	58.0	59.7	61.4	62.9	64.2	65.4	66.4	67.3
172.5°	38.9	40.6	42.3	43.9	45.4	46.6	47.7	48.8	49.7	50.6	51.3
175°	25.3	26.4	27.6	28.6	29.7	30.6	31.5	32.4	33.1	33.8	34.5
177.5°	13.1	13.6	14.0	14.4	14.8	15.1	15.5	15.8	16.1	16.3	16.5
180°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0



TEST NUMBER: P231953

CATALOG NUMBER: FVS4WM-4-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°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
2.5°	16.7	16.9	17.0	17.1	17.2	17.3	17.8	17.6	17.4	17.3	17.1
5°	35.1	35.6	36.0	36.4	36.6	36.9	37.0	37.1	37.7	37.3	37.0
7.5°	52.0	52.5	53.0	53.3	53.6	53.7	53.8	53.7	53.6	53.7	53.1
10°	68.0	68.7	69.1	69.5	69.7	69.8	69.7	69.5	69.2	69.3	68.4
12.5°	83.5	83.9	84.1	84.1	84.0	83.7	83.3	82.6	81.9	81.0	80.2
15°	98.7	99.4	99.9	100.1	100.2	100.0	99.6	99.0	98.2	97.2	96.4
17.5°	116.0	116.9	117.6	118.2	118.6	118.9	119.0	118.9	118.5	118.0	117.7
20°	132.8	134.1	135.4	136.6	137.7	138.7	139.5	140.2	140.6	140.7	141.3
22.5°	148.5	150.5	152.5	154.5	156.5	158.2	159.8	161.2	162.4	163.2	164.6
25°	163.1	165.9	168.7	172.2	175.4	178.4	181.0	183.4	185.4	187.0	188.2
27.5°	178.3	182.8	187.1	191.9	197.1	201.8	206.1	209.9	213.3	216.0	218.2
30°	195.8	202.8	209.5	215.9	224.2	231.8	238.7	244.9	250.3	254.8	258.5
32.5°	216.9	227.9	238.5	248.5	260.0	272.0	283.0	292.9	301.6	309.1	315.1
35°	244.6	260.3	276.5	292.1	307.3	323.4	337.9	350.7	361.8	371.0	378.3
37.5°	281.1	300.8	323.2	344.1	363.4	382.7	400.4	416.1	429.6	440.9	449.9
40°	325.8	350.8	377.1	402.4	425.9	448.4	469.2	487.1	502.3	514.5	523.9
42.5°	379.8	406.6	436.0	466.9	494.9	520.6	546.3	568.4	586.7	601.2	612.0
45°	436.8	471.0	503.3	540.5	575.5	610.2	636.4	662.4	684.1	701.5	714.4
47.5°	500.0	541.9	583.5	624.4	665.1	701.9	736.8	770.0	799.5	824.6	844.8
50°	569.8	617.5	665.5	712.6	760.1	804.5	847.9	890.9	928.5	960.3	985.8
52.5°	639.1	691.7	746.6	800.9	858.9	917.1	970.3	1026.6	1075.4	1115.9	1147.9
55°	704.4	765.0	827.2	894.1	965.3	1045.4	1116.5	1176.4	1226.0	1265.4	1294.8
57.5°	768.8	836.3	907.4	992.8	1086.4	1173.1	1259.6	1316.7	1357.9	1388.1	1408.1
60°	828.6	903.0	993.1	1090.3	1191.8	1287.2	1373.8	1433.9	1460.6	1481.7	1496.8
62.5°	880.9	970.7	1073.2	1181.8	1286.0	1381.4	1453.6	1512.8	1533.3	1548.6	1558.5
65°	938.0	1033.4	1146.7	1261.9	1367.1	1455.4	1518.6	1564.2	1590.2	1606.3	1618.5
67.5°	995.7	1101.0	1216.3	1336.7	1444.0	1524.1	1579.6	1616.3	1639.9	1655.0	1666.4
70°	1049.3	1165.8	1289.2	1412.9	1518.0	1586.6	1633.5	1657.5	1678.5	1694.6	1706.8
72.5°	1096.7	1221.6	1354.5	1475.0	1574.1	1637.0	1665.3	1689.2	1712.0	1731.0	1741.5
75°	1137.4	1271.5	1403.6	1525.2	1622.8	1665.1	1690.4	1716.3	1741.9	1761.2	1772.1
77.5°	1169.0	1310.8	1442.5	1574.2	1652.4	1692.5	1717.0	1741.0	1760.6	1778.9	1791.8
80°	1203.9	1339.8	1477.9	1614.2	1685.2	1719.0	1739.9	1757.3	1771.8	1790.0	1806.8
82.5°	1232.0	1368.0	1515.2	1637.3	1703.7	1734.8	1754.4	1771.7	1787.3	1799.8	1817.5
85°	1248.7	1385.5	1537.4	1655.5	1712.3	1740.8	1762.9	1782.7	1798.4	1811.7	1821.1
87.5°	1259.3	1391.6	1544.3	1667.6	1716.6	1743.0	1766.0	1785.1	1801.4	1818.9	1828.7
90°	1249.1	1386.3	1536.3	1669.7	1715.8	1742.2	1765.8	1783.4	1797.1	1816.7	1824.6
92.5°	1259.3	1391.6	1544.3	1667.6	1716.6	1743.0	1766.0	1785.1	1801.4	1818.9	1828.7
95°	1248.7	1385.5	1537.4	1655.5	1712.3	1740.8	1762.9	1782.7	1798.4	1811.7	1821.1
97.5°	1232.0	1368.0	1515.2	1637.3	1703.7	1734.8	1754.4	1771.7	1787.3	1799.8	1817.5
100°	1203.9	1339.8	1477.9	1614.2	1685.2	1719.0	1739.9	1757.3	1771.8	1790.0	1806.8
102.5°	1169.0	1310.8	1442.5	1574.2	1652.4	1692.5	1717.0	1741.0	1760.6	1778.9	1791.8
105°	1137.4	1271.5	1403.6	1525.2	1622.8	1665.1	1690.4	1716.3	1741.9	1761.2	1772.1
107.5°	1096.7	1221.6	1354.5	1475.0	1574.1	1637.0	1665.3	1689.2	1712.0	1731.0	1741.5
110°	1049.3	1165.8	1289.2	1412.9	1518.0	1586.6	1633.5	1657.5	1678.5	1694.6	1706.8



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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°	995.7	1101.0	1216.3	1336.7	1444.0	1524.1	1579.6	1616.3	1639.9	1655.0	1666.4
115°	938.0	1033.4	1146.7	1261.9	1367.1	1455.4	1518.6	1564.2	1590.2	1606.3	1618.5
117.5°	880.9	970.7	1073.2	1181.8	1286.0	1381.4	1453.6	1512.8	1533.3	1548.6	1558.5
120°	828.6	903.0	993.1	1090.3	1191.8	1287.2	1373.8	1433.9	1460.6	1481.7	1496.8
122.5°	768.8	836.3	907.4	992.8	1086.4	1173.1	1259.6	1316.7	1357.9	1388.1	1408.1
125°	704.4	765.0	827.2	894.1	965.3	1045.4	1116.5	1176.4	1226.0	1265.4	1294.8
127.5°	639.1	691.7	746.6	800.9	858.9	917.1	970.3	1026.6	1075.4	1115.9	1147.9
130°	569.8	617.5	665.5	712.6	760.1	804.5	847.9	890.9	928.5	960.3	985.8
132.5°	500.0	541.9	583.5	624.4	665.1	701.9	736.8	770.0	799.5	824.6	844.8
135°	436.8	471.0	503.3	540.5	575.5	610.2	636.4	662.4	684.1	701.5	714.4
137.5°	379.8	406.6	436.0	466.9	494.9	520.6	546.3	568.4	586.7	601.2	612.0
140°	325.8	350.8	377.1	402.4	425.9	448.4	469.2	487.1	502.3	514.5	523.9
142.5°	281.1	300.8	323.2	344.1	363.4	382.7	400.4	416.1	429.6	440.9	449.9
145°	244.6	260.3	276.5	292.1	307.3	323.4	337.9	350.7	361.8	371.0	378.3
147.5°	216.9	227.9	238.5	248.5	260.0	272.0	283.0	292.9	301.6	309.1	315.1
150°	195.8	202.8	209.5	215.9	224.2	231.8	238.7	244.9	250.3	254.8	258.5
152.5°	178.3	182.8	187.1	191.9	197.1	201.8	206.1	209.9	213.3	216.0	218.2
155°	163.1	165.9	168.7	172.2	175.4	178.4	181.0	183.4	185.4	187.0	188.2
157.5°	148.5	150.5	152.5	154.5	156.5	158.2	159.8	161.2	162.4	163.2	164.6
160°	132.8	134.1	135.4	136.6	137.7	138.7	139.5	140.2	140.6	140.7	141.3
162.5°	116.0	116.9	117.6	118.2	118.6	118.9	119.0	118.9	118.5	118.0	117.7
165°	98.7	99.4	99.9	100.1	100.2	100.0	99.6	99.0	98.2	97.2	96.4
167.5°	83.5	83.9	84.1	84.1	84.0	83.7	83.3	82.6	81.9	81.0	80.2
170°	68.0	68.7	69.1	69.5	69.7	69.8	69.7	69.5	69.2	69.3	68.4
172.5°	52.0	52.5	53.0	53.3	53.6	53.7	53.8	53.7	53.6	53.7	53.1
175°	35.1	35.6	36.0	36.4	36.6	36.9	37.0	37.1	37.7	37.3	37.0
177.5°	16.7	16.9	17.0	17.1	17.2	17.3	17.8	17.6	17.4	17.3	17.1
180°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0



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CANDELA DISTRIBUTION (continued):

	357.5°	360°
0°	1.0	1.0
2.5°	16.9	16.7
5°	36.6	36.3
7.5°	52.6	52.0
10°	67.6	66.7
12.5°	78.8	77.5
15°	94.8	93.1
17.5°	116.2	114.7
20°	140.2	139.2
22.5°	164.2	163.7
25°	189.2	189.2
27.5°	220.1	220.6
30°	261.7	262.8
32.5°	320.4	322.6
35°	384.8	387.3
37.5°	457.8	460.8
40°	531.8	534.3
42.5°	620.9	622.6
45°	725.0	726.5
47.5°	862.6	867.7
50°	1008.2	1015.7
52.5°	1175.6	1184.4
55°	1318.8	1324.6
57.5°	1422.5	1421.6
60°	1508.8	1507.9
62.5°	1563.2	1562.8
65°	1626.2	1628.5
67.5°	1673.8	1676.5
70°	1715.0	1718.7
72.5°	1744.7	1742.2
75°	1776.4	1776.5
77.5°	1802.1	1811.8
80°	1821.9	1832.4
82.5°	1832.5	1848.1
85°	1837.2	1856.0
87.5°	1831.6	1861.8
90°	1833.4	1852.0
92.5°	1831.6	1861.8
95°	1837.2	1856.0
97.5°	1832.5	1848.1
100°	1821.9	1832.4
102.5°	1802.1	1811.8
105°	1776.4	1776.5
107.5°	1744.7	1742.2
110°	1715.0	1718.7



TEST NUMBER: P231953

CATALOG NUMBER: FVS4WM-4-LD4-35-1HI-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	357.5°	360°
112.5°	1673.8	1676.5
115°	1626.2	1628.5
117.5°	1563.2	1562.8
120°	1508.8	1507.9
122.5°	1422.5	1421.6
125°	1318.8	1324.6
127.5°	1175.6	1184.4
130°	1008.2	1015.7
132.5°	862.6	867.7
135°	725.0	726.5
137.5°	620.9	622.6
140°	531.8	534.3
142.5°	457.8	460.8
145°	384.8	387.3
147.5°	320.4	322.6
150°	261.7	262.8
152.5°	220.1	220.6
155°	189.2	189.2
157.5°	164.2	163.7
160°	140.2	139.2
162.5°	116.2	114.7
165°	94.8	93.1
167.5°	78.8	77.5
170°	67.6	66.7
172.5°	52.6	52.0
175°	36.6	36.3
177.5°	16.9	16.7
180°	1.0	1.0

(END OF REPORT)