

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: P232053

Luminaire Tested: **FVS4WM-3-LD4-35-2LO-P125-UNV-EDC1**

Issue Date: 3/3/2020



Test Information

Test Method: LM-79-08
Report Number: P232053
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1706-121-28)
Test Lab: INNOVATION CENTER(G3)
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: FAIL-SAFE
Catalog Number: FVS4WM-3-LD4-35-2LO-P125-UNV-EDC1
Description: FAILSAFE FVS LED FIXTURE
3FT LENGTH, 2-MODULE LED WITH P125 LENS
Light Source: (168) 3500K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

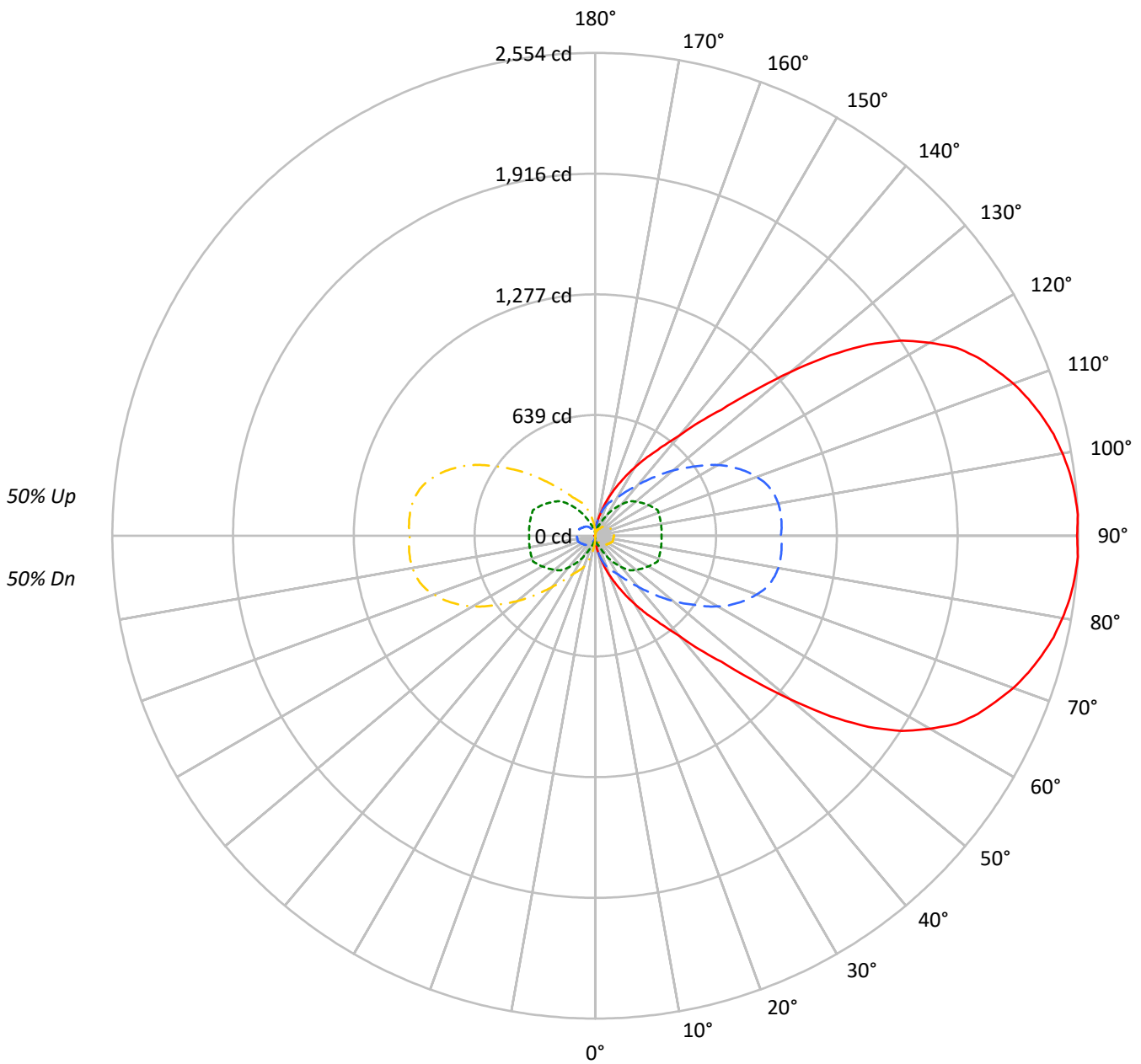
Lumens per Lamp: N/A
Luminaire Lumens: 6019.3 lumens
Efficiency: N/A
Efficacy: 106.0 lumens/watt
Spacing Criteria (0/90/45): 23.26 / 15.06 / 15.7
Luminous Opening: Rectangular w/ Sides (W: 2.92' x L: 0.19' x H: 0.31')
CIE Type: General Diffuse

Input Watts (W): 56.8
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT

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Luminous Intensity Polar Plot



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



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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20	
RC	80				70				50				30				10	0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR																		
0	107	107	107	107	99	99	99	99	83	83	83	69	69	69	56	56	56	50
1	91	84	77	71	83	76	71	65	63	58	54	50	47	44	39	36	34	28
2	80	69	60	53	73	63	55	48	51	45	40	40	36	31	30	27	23	18
3	72	59	49	41	65	53	45	37	43	36	30	34	28	24	25	21	17	13
4	65	51	41	33	58	46	37	30	37	30	24	29	23	19	21	17	13	9
5	59	44	34	27	53	40	31	25	32	25	20	25	19	15	18	14	10	7
6	54	39	29	23	48	36	27	20	29	22	16	22	17	12	16	12	8	5
7	49	35	26	19	44	32	23	17	26	19	14	20	14	10	14	10	7	4
8	45	31	22	16	41	29	20	15	23	16	12	18	13	9	13	9	6	3
9	42	28	20	14	38	26	18	13	21	15	10	16	11	8	12	8	5	3
10	39	26	18	12	36	24	16	11	19	13	9	15	10	7	11	7	4	2

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	31	31	31	31
5°	867	329	14	329
10°	1429	626	12	626
15°	2116	933	11	933
20°	2932	1254	10	1254
25°	3809	1878	10	1878
30°	4824	2845	19	2845
35°	5923	3909	18	3909
40°	7444	5116	17	5116
45°	9838	6512	17	6512
50°	13810	7619	16	7619
55°	17892	8997	16	8997
60°	20678	10755	24	10755
65°	22722	13088	24	13088
70°	24275	15814	25	15814
75°	25745	19242	25	19242
80°	27203	24874	0	24874
85°	28665	35662	0	35662



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	3.2	0.1
10°-20°	21.6	0.4
20°-30°	59.8	1.0
30°-40°	129.5	2.2
40°-50°	249.2	4.1
50°-60°	428.4	7.1
60°-70°	605.4	10.1
70°-80°	726.8	12.1
80°-90°	785.9	13.1
90°-100°	785.9	13.1
100°-110°	726.8	12.1
110°-120°	605.4	10.1
120°-130°	428.4	7.1
130°-140°	249.2	4.1
140°-150°	129.5	2.2
150°-160°	59.8	1.0
160°-170°	21.6	0.4
170°-180°	3.2	0.1
0°-30°	84.5	1.4
0°-40°	214.0	3.6
0°-60°	891.6	14.8
0°-90°	3009.7	50.0
90°-120°	2118.1	35.2
90°-150°	2925.1	48.6
90°-180°	3010.0	50.0
0°-180°	6019.3	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	2	2	2	2	2	
5°	50	17	1	17	50	6
15°	150	47	1	47	150	45
25°	312	91	1	91	312	149
35°	534	175	2	175	534	344
45°	942	259	2	259	942	763
55°	1762	302	2	302	1762	1564
65°	2232	346	2	346	2232	2204
75°	2444	354	2	354	2444	2582
85°	2545	351	0	351	2545	2072
90°	2547	350	0	350	2547	1398
95°	2545	351	0	351	2545	2072
105°	2444	354	2	354	2444	2582
115°	2232	346	2	346	2232	2204
125°	1762	302	2	302	1762	1564
135°	942	259	2	259	942	763
145°	534	175	2	175	534	344
155°	312	91	1	91	312	149
165°	150	47	1	47	150	45
175°	50	17	1	17	50	6
180°	1	1	1	1	1	



TEST NUMBER: P232053

CATALOG NUMBER: FVS4WM-3-LD4-35-2LO-P125-UNV-EDC1

CANDELA DISTRIBUTION (FULL):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
0°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
2.5°	23.5	23.8	24.1	24.5	24.8	25.1	25.4	24.7	24.7	24.7	24.6
5°	50.3	50.9	51.6	52.2	52.8	52.2	52.3	52.2	52.1	51.8	51.5
7.5°	73.1	74.1	75.2	76.2	76.2	76.6	76.8	77.0	76.9	76.8	76.5
10°	92.5	94.0	95.5	97.0	97.2	98.0	98.6	99.0	99.3	99.3	99.2
12.5°	114.5	116.3	118.1	119.0	120.1	120.9	121.5	121.9	122.1	122.1	121.9
15°	150.2	151.6	153.0	152.6	152.7	152.5	152.0	151.3	150.3	149.1	147.6
17.5°	186.7	187.4	188.1	186.7	185.9	184.8	183.3	181.6	179.6	177.4	175.0
20°	224.9	224.9	224.9	222.4	220.5	218.2	215.4	212.4	209.0	205.3	201.4
22.5°	266.3	265.5	264.7	260.7	257.5	253.8	249.6	245.0	240.0	234.6	228.8
25°	311.7	309.9	306.3	302.4	297.7	292.4	286.4	279.9	273.0	265.5	257.7
27.5°	363.7	360.8	355.7	350.1	343.5	336.1	327.8	318.8	309.0	298.7	288.7
30°	416.5	413.7	408.2	402.0	394.5	385.6	375.3	363.7	350.8	336.6	324.0
32.5°	474.9	473.0	467.7	461.5	453.4	443.4	431.4	417.4	401.3	384.4	367.7
35°	534.2	533.9	529.7	524.4	516.8	506.9	494.5	479.7	462.2	443.1	421.8
37.5°	606.4	608.3	605.1	600.3	592.4	581.4	567.0	549.1	528.4	507.7	484.0
40°	694.9	698.7	695.7	690.8	682.2	669.8	653.4	633.0	610.1	584.4	554.7
42.5°	815.9	820.3	814.9	807.1	794.5	777.1	755.0	728.3	702.1	672.5	638.5
45°	942.5	949.0	944.1	936.1	922.0	901.7	875.3	847.9	809.7	771.6	730.4
47.5°	1128.4	1133.5	1121.3	1105.3	1081.4	1050.2	1012.1	971.9	931.1	883.6	833.3
50°	1346.8	1345.3	1322.6	1296.5	1262.6	1222.3	1176.6	1126.6	1070.9	1002.0	941.0
52.5°	1568.4	1559.5	1527.2	1491.2	1446.9	1395.8	1339.1	1280.3	1210.9	1133.1	1054.0
55°	1762.4	1744.7	1705.0	1662.5	1613.3	1558.9	1498.8	1425.8	1340.3	1253.5	1166.7
57.5°	1921.5	1896.6	1851.8	1804.4	1750.5	1691.8	1626.5	1553.1	1478.0	1374.0	1270.7
60°	2041.7	2014.0	1968.6	1919.9	1864.0	1801.8	1732.5	1659.7	1579.3	1488.3	1383.7
62.5°	2153.7	2115.6	2069.4	2016.6	1958.6	1897.2	1823.8	1748.8	1667.5	1583.2	1481.6
65°	2231.6	2196.6	2153.3	2100.9	2039.1	1971.3	1900.3	1822.6	1739.6	1653.6	1562.8
67.5°	2292.5	2260.2	2220.3	2172.3	2115.6	2045.4	1968.1	1886.6	1798.4	1709.9	1621.3
70°	2353.4	2326.7	2290.0	2241.2	2178.2	2107.6	2028.1	1942.3	1853.3	1761.0	1679.1
72.5°	2402.1	2380.3	2349.5	2308.3	2247.2	2166.0	2083.0	1989.0	1902.4	1818.0	1729.9
75°	2444.3	2432.2	2407.8	2357.6	2286.1	2212.8	2129.0	2040.4	1946.1	1860.5	1772.8
77.5°	2481.7	2472.4	2454.5	2402.3	2326.6	2240.7	2166.7	2079.0	1983.4	1890.7	1804.0
80°	2508.5	2498.3	2478.7	2437.2	2361.7	2276.8	2193.4	2111.3	2007.4	1912.1	1823.7
82.5°	2531.2	2516.6	2499.3	2462.1	2392.2	2300.3	2212.6	2123.1	2025.5	1930.7	1843.6
85°	2545.0	2527.7	2521.4	2475.5	2401.8	2310.8	2222.5	2136.1	2041.9	1945.1	1854.5
87.5°	2553.9	2539.9	2519.1	2482.9	2409.8	2319.5	2226.3	2138.4	2044.8	1950.4	1856.7
90°	2547.4	2526.3	2512.5	2471.9	2403.7	2310.4	2217.0	2127.7	2035.2	1945.9	1850.9
92.5°	2553.9	2539.9	2519.1	2482.9	2409.8	2319.5	2226.3	2138.4	2044.8	1950.4	1856.7
95°	2545.0	2527.7	2521.4	2475.5	2401.8	2310.8	2222.5	2136.1	2041.9	1945.1	1854.5
97.5°	2531.2	2516.6	2499.3	2462.1	2392.2	2300.3	2212.6	2123.1	2025.5	1930.7	1843.6
100°	2508.5	2498.3	2478.7	2437.2	2361.7	2276.8	2193.4	2111.3	2007.4	1912.1	1823.7
102.5°	2481.7	2472.4	2454.5	2402.3	2326.6	2240.7	2166.7	2079.0	1983.4	1890.7	1804.0
105°	2444.3	2432.2	2407.8	2357.6	2286.1	2212.8	2129.0	2040.4	1946.1	1860.5	1772.8
107.5°	2402.1	2380.3	2349.5	2308.3	2247.2	2166.0	2083.0	1989.0	1902.4	1818.0	1729.9
110°	2353.4	2326.7	2290.0	2241.2	2178.2	2107.6	2028.1	1942.3	1853.3	1761.0	1679.1



TEST NUMBER: P232053

CATALOG NUMBER: FVS4WM-3-LD4-35-2LO-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
112.5°	2292.5	2260.2	2220.3	2172.3	2115.6	2045.4	1968.1	1886.6	1798.4	1709.9	1621.3
115°	2231.6	2196.6	2153.3	2100.9	2039.1	1971.3	1900.3	1822.6	1739.6	1653.6	1562.8
117.5°	2153.7	2115.6	2069.4	2016.6	1958.6	1897.2	1823.8	1748.8	1667.5	1583.2	1481.6
120°	2041.7	2014.0	1968.6	1919.9	1864.0	1801.8	1732.5	1659.7	1579.3	1488.3	1383.7
122.5°	1921.5	1896.6	1851.8	1804.4	1750.5	1691.8	1626.5	1553.1	1478.0	1374.0	1270.7
125°	1762.4	1744.7	1705.0	1662.5	1613.3	1558.9	1498.8	1425.8	1340.3	1253.5	1166.7
127.5°	1568.4	1559.5	1527.2	1491.2	1446.9	1395.8	1339.1	1280.3	1210.9	1133.1	1054.0
130°	1346.8	1345.3	1322.6	1296.5	1262.6	1222.3	1176.6	1126.6	1070.9	1002.0	941.0
132.5°	1128.4	1133.5	1121.3	1105.3	1081.4	1050.2	1012.1	971.9	931.1	883.6	833.3
135°	942.5	949.0	944.1	936.1	922.0	901.7	875.3	847.9	809.7	771.6	730.4
137.5°	815.9	820.3	814.9	807.1	794.5	777.1	755.0	728.3	702.1	672.5	638.5
140°	694.9	698.7	695.7	690.8	682.2	669.8	653.4	633.0	610.1	584.4	554.7
142.5°	606.4	608.3	605.1	600.3	592.4	581.4	567.0	549.1	528.4	507.7	484.0
145°	534.2	533.9	529.7	524.4	516.8	506.9	494.5	479.7	462.2	443.1	421.8
147.5°	474.9	473.0	467.7	461.5	453.4	443.4	431.4	417.4	401.3	384.4	367.7
150°	416.5	413.7	408.2	402.0	394.5	385.6	375.3	363.7	350.8	336.6	324.0
152.5°	363.7	360.8	355.7	350.1	343.5	336.1	327.8	318.8	309.0	298.7	288.7
155°	311.7	309.9	306.3	302.4	297.7	292.4	286.4	279.9	273.0	265.5	257.7
157.5°	266.3	265.5	264.7	260.7	257.5	253.8	249.6	245.0	240.0	234.6	228.8
160°	224.9	224.9	224.9	222.4	220.5	218.2	215.4	212.4	209.0	205.3	201.4
162.5°	186.7	187.4	188.1	186.7	185.9	184.8	183.3	181.6	179.6	177.4	175.0
165°	150.2	151.6	153.0	152.6	152.7	152.5	152.0	151.3	150.3	149.1	147.6
167.5°	114.5	116.3	118.1	119.0	120.1	120.9	121.5	121.9	122.1	122.1	121.9
170°	92.5	94.0	95.5	97.0	97.2	98.0	98.6	99.0	99.3	99.3	99.2
172.5°	73.1	74.1	75.2	76.2	76.2	76.6	76.8	77.0	76.9	76.8	76.5
175°	50.3	50.9	51.6	52.2	52.8	52.2	52.3	52.2	52.1	51.8	51.5
177.5°	23.5	23.8	24.1	24.5	24.8	25.1	25.4	24.7	24.7	24.7	24.6
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: P232053

CATALOG NUMBER: FVS4WM-3-LD4-35-2LO-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
0°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
2.5°	24.5	24.3	24.1	23.8	23.5	23.2	22.8	22.4	21.9	21.4	20.9
5°	51.0	50.5	49.8	49.0	48.2	47.2	46.2	45.0	43.8	42.4	41.0
7.5°	76.0	75.4	74.6	73.7	72.7	71.5	70.2	68.7	67.1	65.2	63.0
10°	98.9	98.4	97.7	96.9	95.8	94.6	93.0	91.1	88.9	86.6	84.1
12.5°	121.5	120.8	120.0	118.9	117.6	116.1	114.4	112.4	110.1	107.7	105.0
15°	146.1	144.4	142.5	141.0	139.4	137.7	135.7	133.5	131.0	128.1	124.8
17.5°	172.5	169.9	167.3	164.7	162.0	159.3	156.6	153.9	151.0	148.0	144.7
20°	197.2	193.4	189.8	186.3	182.8	179.3	176.1	172.9	169.9	167.0	163.4
22.5°	223.1	217.8	212.3	206.8	201.2	196.8	192.9	189.1	185.7	182.6	179.7
25°	250.5	243.1	235.5	227.9	221.0	214.6	208.4	202.5	198.8	195.3	192.7
27.5°	279.2	269.4	259.5	250.0	241.2	232.5	224.9	217.4	210.9	205.3	202.4
30°	311.0	297.7	285.0	272.9	261.6	250.4	240.9	231.6	226.6	224.9	222.9
32.5°	349.5	330.1	313.3	297.9	282.4	269.2	262.4	257.1	253.3	249.1	246.6
35°	398.3	373.9	351.5	327.8	310.9	302.2	292.6	286.4	279.8	274.8	270.3
37.5°	457.4	429.6	399.7	379.0	359.7	341.2	328.3	317.1	308.0	300.6	294.6
40°	522.6	492.7	466.7	441.0	415.1	391.1	369.9	351.4	338.5	327.4	319.2
42.5°	603.6	570.3	536.8	506.8	477.9	446.4	417.2	393.4	371.3	356.7	344.7
45°	692.7	653.2	614.4	575.0	538.8	503.2	470.4	438.0	411.7	388.0	371.7
47.5°	784.9	737.2	692.7	647.8	604.4	562.8	523.5	487.6	453.5	424.7	401.4
50°	879.7	824.1	770.2	720.3	673.3	623.9	578.7	536.0	498.5	463.8	432.8
52.5°	977.6	911.0	848.0	791.0	736.9	686.4	634.3	586.9	543.7	503.8	477.8
55°	1080.6	996.7	925.1	858.5	799.6	743.2	688.4	637.6	595.2	559.6	534.1
57.5°	1176.6	1084.8	998.6	924.6	857.7	798.8	745.3	695.5	649.8	611.4	584.6
60°	1266.9	1165.3	1070.5	984.7	916.2	854.7	799.4	748.1	701.4	661.4	631.2
62.5°	1368.9	1240.7	1139.0	1051.8	973.7	905.7	848.0	796.0	748.7	706.0	673.8
65°	1453.4	1332.5	1207.1	1112.7	1029.6	955.8	891.1	837.7	791.2	748.6	716.0
67.5°	1528.0	1408.5	1281.3	1168.1	1078.5	1000.2	931.2	875.6	829.1	787.9	753.8
70°	1585.3	1472.3	1347.2	1217.3	1122.0	1041.4	969.6	908.6	861.8	823.0	787.4
72.5°	1640.0	1526.0	1394.5	1264.7	1157.5	1075.0	1002.8	938.8	890.0	854.0	819.6
75°	1681.4	1573.9	1439.7	1298.4	1183.9	1102.1	1028.5	959.6	908.9	873.8	845.4
77.5°	1717.8	1615.4	1477.3	1332.5	1214.1	1121.9	1042.8	973.4	921.6	889.2	867.3
80°	1741.3	1645.4	1514.4	1365.8	1238.6	1138.6	1054.1	982.3	930.6	900.9	886.1
82.5°	1761.5	1670.7	1545.7	1388.5	1256.0	1152.0	1062.2	986.9	936.4	909.7	902.3
85°	1774.2	1688.5	1569.3	1400.9	1266.5	1161.4	1066.9	987.7	939.6	916.4	916.7
87.5°	1779.5	1702.6	1589.6	1407.6	1273.3	1169.0	1069.9	986.4	941.3	921.8	930.0
90°	1777.8	1699.9	1586.3	1397.1	1268.0	1166.6	1065.1	980.7	940.9	927.1	943.3
92.5°	1779.5	1702.6	1589.6	1407.6	1273.3	1169.0	1069.9	986.4	941.3	921.8	930.0
95°	1774.2	1688.5	1569.3	1400.9	1266.5	1161.4	1066.9	987.7	939.6	916.4	916.7
97.5°	1761.5	1670.7	1545.7	1388.5	1256.0	1152.0	1062.2	986.9	936.4	909.7	902.3
100°	1741.3	1645.4	1514.4	1365.8	1238.6	1138.6	1054.1	982.3	930.6	900.9	886.1
102.5°	1717.8	1615.4	1477.3	1332.5	1214.1	1121.9	1042.8	973.4	921.6	889.2	867.3
105°	1681.4	1573.9	1439.7	1298.4	1183.9	1102.1	1028.5	959.6	908.9	873.8	845.4
107.5°	1640.0	1526.0	1394.5	1264.7	1157.5	1075.0	1002.8	938.8	890.0	854.0	819.6
110°	1585.3	1472.3	1347.2	1217.3	1122.0	1041.4	969.6	908.6	861.8	823.0	787.4



TEST NUMBER: P232053

CATALOG NUMBER: FVS4WM-3-LD4-35-2LO-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°	1528.0	1408.5	1281.3	1168.1	1078.5	1000.2	931.2	875.6	829.1	787.9	753.8
115°	1453.4	1332.5	1207.1	1112.7	1029.6	955.8	891.1	837.7	791.2	748.6	716.0
117.5°	1368.9	1240.7	1139.0	1051.8	973.7	905.7	848.0	796.0	748.7	706.0	673.8
120°	1266.9	1165.3	1070.5	984.7	916.2	854.7	799.4	748.1	701.4	661.4	631.2
122.5°	1176.6	1084.8	998.6	924.6	857.7	798.8	745.3	695.5	649.8	611.4	584.6
125°	1080.6	996.7	925.1	858.5	799.6	743.2	688.4	637.6	595.2	559.6	534.1
127.5°	977.6	911.0	848.0	791.0	736.9	686.4	634.3	586.9	543.7	503.8	477.8
130°	879.7	824.1	770.2	720.3	673.3	623.9	578.7	536.0	498.5	463.8	432.8
132.5°	784.9	737.2	692.7	647.8	604.4	562.8	523.5	487.6	453.5	424.7	401.4
135°	692.7	653.2	614.4	575.0	538.8	503.2	470.4	438.0	411.7	388.0	371.7
137.5°	603.6	570.3	536.8	506.8	477.9	446.4	417.2	393.4	371.3	356.7	344.7
140°	522.6	492.7	466.7	441.0	415.1	391.1	369.9	351.4	338.5	327.4	319.2
142.5°	457.4	429.6	399.7	379.0	359.7	341.2	328.3	317.1	308.0	300.6	294.6
145°	398.3	373.9	351.5	327.8	310.9	302.2	292.6	286.4	279.8	274.8	270.3
147.5°	349.5	330.1	313.3	297.9	282.4	269.2	262.4	257.1	253.3	249.1	246.6
150°	311.0	297.7	285.0	272.9	261.6	250.4	240.9	231.6	226.6	224.9	222.9
152.5°	279.2	269.4	259.5	250.0	241.2	232.5	224.9	217.4	210.9	205.3	202.4
155°	250.5	243.1	235.5	227.9	221.0	214.6	208.4	202.5	198.8	195.3	192.7
157.5°	223.1	217.8	212.3	206.8	201.2	196.8	192.9	189.1	185.7	182.6	179.7
160°	197.2	193.4	189.8	186.3	182.8	179.3	176.1	172.9	169.9	167.0	163.4
162.5°	172.5	169.9	167.3	164.7	162.0	159.3	156.6	153.9	151.0	148.0	144.7
165°	146.1	144.4	142.5	141.0	139.4	137.7	135.7	133.5	131.0	128.1	124.8
167.5°	121.5	120.8	120.0	118.9	117.6	116.1	114.4	112.4	110.1	107.7	105.0
170°	98.9	98.4	97.7	96.9	95.8	94.6	93.0	91.1	88.9	86.6	84.1
172.5°	76.0	75.4	74.6	73.7	72.7	71.5	70.2	68.7	67.1	65.2	63.0
175°	51.0	50.5	49.8	49.0	48.2	47.2	46.2	45.0	43.8	42.4	41.0
177.5°	24.5	24.3	24.1	23.8	23.5	23.2	22.8	22.4	21.9	21.4	20.9
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: P232053

CATALOG NUMBER: FVS4WM-3-LD4-35-2LO-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
2.5°	20.3	19.7	19.0	18.4	17.7	16.9	16.2	15.4	14.5	13.7	12.8
5°	39.5	38.0	36.3	35.0	33.6	32.1	30.6	29.0	27.4	25.7	24.0
7.5°	60.8	58.4	56.0	53.4	50.7	47.9	45.0	42.5	40.1	37.6	35.1
10°	81.4	78.5	75.7	72.0	68.5	64.8	60.9	57.0	52.9	49.5	46.1
12.5°	101.7	98.1	94.3	90.2	86.0	81.5	76.8	71.8	66.8	61.6	57.0
15°	121.3	117.5	114.1	108.5	103.4	98.0	92.4	86.6	80.6	74.4	68.1
17.5°	141.7	136.5	131.7	126.6	121.1	114.7	108.1	101.2	94.2	87.0	79.7
20°	159.4	155.2	150.4	144.5	138.2	131.6	124.0	116.0	107.8	99.6	91.3
22.5°	176.9	172.6	167.6	162.4	155.5	147.9	140.0	131.0	121.6	112.1	102.8
25°	189.7	187.5	184.3	178.5	174.1	167.9	160.8	153.2	144.5	135.4	126.3
27.5°	202.8	203.3	203.6	202.7	198.2	193.4	186.5	178.9	170.4	161.0	151.2
30°	223.0	223.4	223.5	223.3	221.7	216.7	211.1	203.6	196.2	186.0	176.2
32.5°	244.3	243.5	243.5	243.1	242.5	239.4	234.0	227.3	219.5	210.4	200.3
35°	267.1	264.6	263.5	263.0	262.2	261.0	256.1	250.7	242.6	234.3	224.2
37.5°	289.8	286.5	283.9	282.9	282.1	280.5	277.6	271.9	265.0	257.5	247.6
40°	312.9	308.0	305.1	302.7	301.6	300.0	298.1	292.9	286.7	279.6	270.5
42.5°	335.8	330.1	325.5	323.1	321.2	319.6	317.5	313.6	307.7	301.2	293.1
45°	360.1	351.2	346.4	343.1	340.8	339.0	336.7	333.7	328.1	322.2	315.2
47.5°	383.5	373.8	366.7	362.7	360.4	360.6	361.4	359.6	353.5	345.5	336.5
50°	411.8	398.1	398.7	403.4	405.9	405.1	401.4	394.7	384.2	371.1	358.2
52.5°	459.5	452.9	454.3	457.4	458.7	452.9	444.2	432.4	417.0	397.8	380.7
55°	514.1	507.1	507.7	512.0	513.7	503.8	489.6	472.3	451.7	426.3	404.1
57.5°	566.2	557.0	559.1	565.9	567.8	557.5	537.3	514.3	488.0	456.4	428.3
60°	613.0	604.5	609.1	617.7	622.3	613.8	587.2	558.2	525.5	487.8	453.2
62.5°	657.2	651.0	656.0	668.0	677.2	672.4	639.1	603.5	564.3	520.2	478.7
65°	697.8	693.3	700.1	716.9	732.1	728.5	692.7	650.2	604.3	553.6	504.7
67.5°	734.3	732.0	741.6	764.0	782.8	782.6	747.7	697.9	645.2	587.7	531.1
70°	768.0	769.0	783.2	807.3	824.4	819.7	779.9	719.9	659.5	597.5	537.0
72.5°	800.6	799.8	810.6	829.5	841.0	829.8	788.9	725.4	662.8	600.7	539.5
75°	828.4	827.6	837.3	853.0	861.2	841.8	797.4	730.6	665.3	603.1	541.5
77.5°	853.6	854.8	864.5	877.7	884.1	855.2	805.4	735.2	667.0	604.7	542.9
80°	876.7	881.5	892.3	903.4	909.1	869.5	812.7	739.2	667.9	605.6	544.0
82.5°	898.2	908.0	920.6	929.8	935.5	884.2	819.1	742.5	668.1	605.8	546.1
85°	918.8	934.5	949.2	957.0	962.4	901.5	827.1	747.1	669.0	606.5	545.4
87.5°	938.7	960.8	978.1	984.4	989.8	913.5	829.6	747.0	666.5	604.4	544.6
90°	959.5	988.0	1007.4	1012.3	1014.7	925.5	832.1	746.9	664.1	602.4	543.9
92.5°	938.7	960.8	978.1	984.4	989.8	913.5	829.6	747.0	666.5	604.4	544.6
95°	918.8	934.5	949.2	957.0	962.4	901.5	827.1	747.1	669.0	606.5	545.4
97.5°	898.2	908.0	920.6	929.8	935.5	884.2	819.1	742.5	668.1	605.8	546.1
100°	876.7	881.5	892.3	903.4	909.1	869.5	812.7	739.2	667.9	605.6	544.0
102.5°	853.6	854.8	864.5	877.7	884.1	855.2	805.4	735.2	667.0	604.7	542.9
105°	828.4	827.6	837.3	853.0	861.2	841.8	797.4	730.6	665.3	603.1	541.5
107.5°	800.6	799.8	810.6	829.5	841.0	829.8	788.9	725.4	662.8	600.7	539.5
110°	768.0	769.0	783.2	807.3	824.4	819.7	779.9	719.9	659.5	597.5	537.0



TEST NUMBER: P232053

CATALOG NUMBER: FVS4WM-3-LD4-35-2LO-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
112.5°	734.3	732.0	741.6	764.0	782.8	782.6	747.7	697.9	645.2	587.7	531.1
115°	697.8	693.3	700.1	716.9	732.1	728.5	692.7	650.2	604.3	553.6	504.7
117.5°	657.2	651.0	656.0	668.0	677.2	672.4	639.1	603.5	564.3	520.2	478.7
120°	613.0	604.5	609.1	617.7	622.3	613.8	587.2	558.2	525.5	487.8	453.2
122.5°	566.2	557.0	559.1	565.9	567.8	557.5	537.3	514.3	488.0	456.4	428.3
125°	514.1	507.1	507.7	512.0	513.7	503.8	489.6	472.3	451.7	426.3	404.1
127.5°	459.5	452.9	454.3	457.4	458.7	452.9	444.2	432.4	417.0	397.8	380.7
130°	411.8	398.1	398.7	403.4	405.9	405.1	401.4	394.7	384.2	371.1	358.2
132.5°	383.5	373.8	366.7	362.7	360.4	360.6	361.4	359.6	353.5	345.5	336.5
135°	360.1	351.2	346.4	343.1	340.8	339.0	336.7	333.7	328.1	322.2	315.2
137.5°	335.8	330.1	325.5	323.1	321.2	319.6	317.5	313.6	307.7	301.2	293.1
140°	312.9	308.0	305.1	302.7	301.6	300.0	298.1	292.9	286.7	279.6	270.5
142.5°	289.8	286.5	283.9	282.9	282.1	280.5	277.6	271.9	265.0	257.5	247.6
145°	267.1	264.6	263.5	263.0	262.2	261.0	256.1	250.7	242.6	234.3	224.2
147.5°	244.3	243.5	243.5	243.1	242.5	239.4	234.0	227.3	219.5	210.4	200.3
150°	223.0	223.4	223.5	223.3	221.7	216.7	211.2	203.6	196.2	186.0	176.2
152.5°	202.8	203.3	203.6	202.7	198.2	193.4	186.5	178.9	170.4	161.0	151.2
155°	189.7	187.5	184.3	178.5	174.1	167.9	160.8	153.2	144.5	135.4	126.3
157.5°	176.9	172.6	167.6	162.4	155.5	147.9	140.0	131.0	121.6	112.1	102.8
160°	159.4	155.2	150.4	144.5	138.2	131.6	124.0	116.0	107.8	99.6	91.3
162.5°	141.7	136.5	131.7	126.6	121.1	114.7	108.1	101.2	94.2	87.0	79.7
165°	121.3	117.5	114.1	108.5	103.4	98.0	92.4	86.6	80.6	74.4	68.1
167.5°	101.7	98.1	94.3	90.2	86.0	81.5	76.8	71.8	66.8	61.6	57.0
170°	81.4	78.5	75.7	72.0	68.5	64.8	60.9	57.0	52.9	49.5	46.1
172.5°	60.8	58.4	56.0	53.4	50.7	47.9	45.0	42.5	40.1	37.6	35.1
175°	39.5	38.0	36.3	35.0	33.6	32.1	30.6	29.0	27.4	25.7	24.0
177.5°	20.3	19.7	19.0	18.4	17.7	16.9	16.2	15.4	14.5	13.7	12.8
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: P232053

CATALOG NUMBER: FVS4WM-3-LD4-35-2LO-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
0°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
2.5°	11.9	11.0	10.1	9.2	9.1	9.1	9.0	8.9	8.8	8.7	8.6
5°	22.2	20.4	18.6	16.8	16.6	16.4	16.3	16.0	15.8	15.5	15.2
7.5°	32.5	29.8	27.1	24.3	24.0	23.7	23.3	22.9	22.4	21.9	21.4
10°	42.7	39.1	35.6	31.9	31.4	30.8	30.2	29.5	28.8	28.1	27.5
12.5°	52.8	48.4	44.0	39.5	38.7	37.8	36.9	35.9	35.0	34.3	33.5
15°	62.8	57.7	52.4	47.1	45.9	44.7	43.4	42.1	41.3	40.4	39.5
17.5°	72.8	66.9	60.8	54.6	53.1	51.4	49.7	48.5	47.5	46.5	45.4
20°	82.8	76.0	69.2	62.2	60.2	58.1	56.0	54.9	53.7	52.5	51.4
22.5°	93.4	85.1	77.5	69.8	67.3	64.6	62.5	61.2	59.8	58.6	57.4
25°	116.8	107.7	99.4	90.8	87.2	83.2	80.1	77.5	74.7	71.9	69.0
27.5°	141.1	130.8	121.5	111.8	107.1	102.0	98.3	94.7	91.1	87.4	83.5
30°	165.2	154.0	143.6	132.9	126.8	120.5	116.1	111.6	106.9	102.2	97.5
32.5°	189.1	177.3	165.7	153.9	146.5	139.1	133.7	128.0	122.2	116.5	111.0
35°	212.9	200.5	187.9	174.9	166.0	157.5	150.9	144.0	136.9	130.3	123.9
37.5°	236.6	223.6	210.0	195.9	185.5	175.8	167.8	159.5	151.4	143.8	136.0
40°	260.0	246.6	232.2	217.0	204.8	193.9	184.5	174.7	165.3	156.9	147.6
42.5°	283.2	269.4	254.3	238.0	224.1	211.7	201.3	189.5	179.2	170.0	158.7
45°	305.8	292.2	276.5	259.0	243.2	229.5	217.1	204.0	192.8	181.6	169.3
47.5°	323.5	307.3	289.1	269.8	252.2	236.9	223.0	209.0	198.1	187.0	175.6
50°	341.4	322.2	301.7	280.6	260.9	243.7	227.6	212.0	200.1	188.6	177.4
52.5°	360.0	337.4	314.3	291.5	269.6	250.3	232.1	215.1	201.9	190.5	179.7
55°	379.2	352.8	326.9	302.3	278.3	256.7	236.3	218.1	203.9	192.7	182.4
57.5°	399.0	368.3	339.5	313.1	286.9	263.0	240.4	220.9	206.2	195.3	185.6
60°	419.3	384.0	352.1	323.9	295.4	269.1	244.3	223.7	208.8	198.5	189.6
62.5°	440.0	399.8	364.8	334.8	304.0	275.2	248.1	226.3	211.7	202.0	193.4
65°	461.0	415.7	377.4	345.6	312.5	281.1	251.9	229.0	214.8	205.8	198.0
67.5°	482.3	431.7	390.0	356.4	321.0	287.0	255.7	231.6	218.1	209.8	203.0
70°	487.1	435.5	393.0	355.7	319.5	284.5	253.1	229.8	216.9	209.1	203.5
72.5°	490.3	438.8	395.9	355.0	317.9	281.8	250.3	227.6	214.6	206.4	201.3
75°	493.1	441.8	400.5	354.2	316.3	279.2	247.7	225.6	212.3	203.7	199.3
77.5°	495.5	444.6	403.0	353.5	314.8	276.7	245.3	223.8	210.1	201.1	197.5
80°	497.6	448.6	405.5	352.8	313.4	274.4	243.1	222.2	207.8	198.5	195.9
82.5°	500.6	450.5	408.0	352.1	312.1	272.1	241.1	220.8	205.6	196.0	194.3
85°	501.2	452.4	410.6	351.3	310.8	270.0	239.3	219.6	203.5	193.6	192.8
87.5°	501.9	454.3	413.1	350.6	309.6	268.1	237.7	218.5	201.5	191.3	191.4
90°	502.5	456.2	415.6	349.9	308.5	266.3	236.2	217.6	199.7	189.1	190.0
92.5°	501.9	454.3	413.1	350.6	309.6	268.1	237.7	218.5	201.5	191.3	191.4
95°	501.2	452.4	410.6	351.3	310.8	270.0	239.3	219.6	203.5	193.6	192.8
97.5°	500.6	450.5	408.0	352.1	312.1	272.1	241.1	220.8	205.6	196.0	194.3
100°	497.6	448.6	405.5	352.8	313.4	274.4	243.1	222.2	207.8	198.5	195.9
102.5°	495.5	444.6	403.0	353.5	314.8	276.7	245.3	223.8	210.1	201.1	197.5
105°	493.1	441.8	400.5	354.2	316.3	279.2	247.7	225.6	212.3	203.7	199.3
107.5°	490.3	438.8	395.9	355.0	317.9	281.8	250.3	227.6	214.6	206.4	201.3
110°	487.1	435.5	393.0	355.7	319.5	284.5	253.1	229.8	216.9	209.1	203.5



TEST NUMBER: P232053

CATALOG NUMBER: FVS4WM-3-LD4-35-2LO-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°	482.3	431.7	390.0	356.4	321.0	287.0	255.7	231.6	218.1	209.8	203.0
115°	461.0	415.7	377.4	345.6	312.5	281.1	251.9	229.0	214.8	205.8	198.0
117.5°	440.0	399.8	364.8	334.8	304.0	275.2	248.1	226.3	211.7	202.0	193.4
120°	419.3	384.0	352.1	323.9	295.4	269.1	244.3	223.7	208.8	198.5	189.6
122.5°	399.0	368.3	339.5	313.1	286.9	263.0	240.4	220.9	206.2	195.3	185.6
125°	379.2	352.8	326.9	302.3	278.3	256.7	236.3	218.1	203.9	192.7	182.4
127.5°	360.0	337.4	314.3	291.5	269.6	250.3	232.1	215.1	201.9	190.5	179.7
130°	341.4	322.2	301.7	280.6	260.9	243.7	227.6	212.0	200.1	188.6	177.4
132.5°	323.5	307.3	289.1	269.8	252.2	236.9	223.0	209.0	198.1	187.0	175.6
135°	305.8	292.2	276.5	259.0	243.2	229.5	217.1	204.0	192.8	181.6	169.3
137.5°	283.2	269.4	254.3	238.0	224.1	211.7	201.3	189.5	179.2	170.0	158.7
140°	260.0	246.6	232.2	217.0	204.8	193.9	184.5	174.7	165.3	156.9	147.6
142.5°	236.6	223.6	210.0	195.9	185.5	175.8	167.8	159.5	151.4	143.8	136.0
145°	212.9	200.5	187.9	174.9	166.0	157.5	150.9	144.0	136.9	130.3	123.9
147.5°	189.1	177.3	165.7	153.9	146.5	139.1	133.7	128.0	122.2	116.5	111.0
150°	165.2	154.0	143.6	132.9	126.8	120.5	116.1	111.6	106.9	102.2	97.5
152.5°	141.1	130.8	121.5	111.8	107.1	102.0	98.3	94.7	91.1	87.4	83.5
155°	116.8	107.7	99.4	90.8	87.2	83.2	80.1	77.5	74.7	71.9	69.0
157.5°	93.4	85.1	77.5	69.8	67.3	64.6	62.5	61.2	59.8	58.6	57.4
160°	82.8	76.0	69.2	62.2	60.2	58.1	56.0	54.9	53.7	52.5	51.4
162.5°	72.8	66.9	60.8	54.6	53.1	51.4	49.7	48.5	47.5	46.5	45.4
165°	62.8	57.7	52.4	47.1	45.9	44.7	43.4	42.1	41.3	40.4	39.5
167.5°	52.8	48.4	44.0	39.5	38.7	37.8	36.9	35.9	35.0	34.3	33.5
170°	42.7	39.1	35.6	31.9	31.4	30.8	30.2	29.5	28.8	28.1	27.5
172.5°	32.5	29.8	27.1	24.3	24.0	23.7	23.3	22.9	22.4	21.9	21.4
175°	22.2	20.4	18.6	16.8	16.6	16.4	16.3	16.0	15.8	15.5	15.2
177.5°	11.9	11.0	10.1	9.2	9.1	9.1	9.0	8.9	8.8	8.7	8.6
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: P232053

CATALOG NUMBER: FVS4WM-3-LD4-35-2LO-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
0°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
2.5°	8.5	8.3	8.2	8.0	7.9	7.7	7.5	7.3	7.1	6.8	6.6
5°	14.9	14.6	14.2	13.9	13.5	13.1	12.7	12.3	11.8	11.3	10.9
7.5°	20.9	20.4	19.9	19.4	18.8	18.2	17.6	16.9	16.3	15.6	15.0
10°	26.9	26.2	25.5	24.8	24.0	23.3	22.6	21.8	21.0	20.2	19.4
12.5°	32.7	31.9	31.1	30.3	29.5	28.6	27.7	26.7	25.6	24.6	23.4
15°	38.6	37.7	36.8	35.8	34.8	33.6	32.4	31.2	29.9	28.6	27.2
17.5°	44.5	43.4	42.4	41.1	39.7	38.3	36.9	35.3	33.7	32.1	30.5
20°	50.3	49.1	47.6	46.1	44.5	42.7	40.9	39.0	37.2	35.5	33.7
22.5°	56.1	54.4	52.6	50.8	48.8	46.7	44.6	42.7	40.8	38.8	36.5
25°	65.8	62.4	58.8	55.1	52.8	50.6	48.4	46.3	43.7	41.1	38.5
27.5°	79.6	75.4	70.9	66.3	62.0	57.8	53.4	48.9	45.9	43.4	41.0
30°	92.7	87.4	82.0	76.9	71.9	66.6	61.1	55.9	51.4	47.0	43.4
32.5°	105.0	98.7	92.5	86.6	80.5	74.0	68.1	62.8	57.7	53.0	48.4
35°	116.6	109.3	102.4	95.3	87.8	80.8	74.6	68.8	63.4	58.2	53.6
37.5°	127.5	119.4	111.4	102.8	94.5	87.2	80.4	74.2	68.4	63.1	58.2
40°	137.9	128.8	119.3	109.5	100.9	92.9	85.8	79.1	73.0	67.5	62.6
42.5°	148.0	137.6	126.4	116.0	106.7	98.4	90.6	83.6	77.3	71.7	66.2
45°	157.5	145.5	133.0	122.1	112.2	103.3	95.1	87.7	81.3	75.0	68.9
47.5°	164.5	152.3	139.6	127.7	117.5	108.0	99.1	91.8	84.6	77.6	71.7
50°	166.4	154.3	142.6	131.7	121.7	112.1	103.4	95.4	87.2	80.2	73.9
52.5°	168.7	157.1	145.6	134.9	124.8	115.4	107.5	98.7	89.7	82.3	75.4
55°	171.8	160.6	149.0	138.3	128.5	120.0	112.2	103.4	94.4	85.4	76.8
57.5°	175.6	164.4	153.0	142.2	132.5	125.3	117.6	108.6	98.9	89.0	80.2
60°	180.0	168.6	157.1	146.6	137.9	131.1	123.8	113.8	103.0	92.6	83.1
62.5°	184.7	173.1	161.5	151.4	143.9	137.6	129.7	118.7	106.6	95.8	85.9
65°	189.5	177.9	166.1	156.5	150.5	144.8	135.4	123.1	110.4	98.9	88.5
67.5°	194.6	183.0	171.4	162.5	157.5	152.6	141.1	127.3	114.0	102.1	91.3
70°	196.1	185.7	175.7	168.8	165.0	159.7	146.8	131.4	117.6	105.3	94.0
72.5°	194.1	184.8	175.7	169.4	165.7	160.0	148.3	134.4	121.2	108.5	96.6
75°	192.6	184.4	176.0	169.7	165.4	158.3	147.0	133.9	120.5	108.2	97.3
77.5°	191.5	184.4	176.5	169.9	164.9	157.1	146.7	133.7	119.9	107.2	96.3
80°	190.6	184.9	177.2	170.1	164.3	156.4	147.3	134.0	119.5	106.5	95.9
82.5°	190.0	185.7	178.1	170.3	163.7	156.2	148.6	134.7	119.4	106.2	96.0
85°	189.6	186.7	179.1	170.5	163.2	156.4	150.4	135.8	119.7	106.3	96.5
87.5°	189.3	187.9	180.4	170.8	162.7	156.8	152.6	137.5	120.5	106.9	97.6
90°	189.1	189.1	181.8	171.3	162.4	157.5	155.1	139.6	121.8	108.0	99.0
92.5°	189.3	187.9	180.4	170.8	162.7	156.8	152.6	137.5	120.5	106.9	97.6
95°	189.6	186.7	179.1	170.5	163.2	156.4	150.4	135.8	119.7	106.3	96.5
97.5°	190.0	185.7	178.1	170.3	163.7	156.2	148.6	134.7	119.4	106.2	96.0
100°	190.6	184.9	177.2	170.1	164.3	156.4	147.3	134.0	119.5	106.5	95.9
102.5°	191.5	184.4	176.5	169.9	164.9	157.1	146.7	133.7	119.9	107.2	96.3
105°	192.6	184.4	176.0	169.7	165.4	158.3	147.0	133.9	120.5	108.2	97.3
107.5°	194.1	184.8	175.7	169.4	165.7	160.0	148.3	134.4	121.2	108.5	96.6
110°	196.1	185.7	175.7	168.8	165.0	159.7	146.8	131.4	117.6	105.3	94.0



TEST NUMBER: P232053

CATALOG NUMBER: FVS4WM-3-LD4-35-2LO-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
112.5°	194.6	183.0	171.4	162.5	157.5	152.6	141.1	127.3	114.0	102.1	91.3
115°	189.5	177.9	166.1	156.5	150.5	144.8	135.4	123.1	110.4	98.9	88.5
117.5°	184.7	173.1	161.5	151.4	143.9	137.6	129.7	118.7	106.6	95.8	85.9
120°	180.0	168.6	157.1	146.6	137.9	131.1	123.8	113.8	103.0	92.6	83.1
122.5°	175.6	164.4	153.0	142.2	132.5	125.3	117.6	108.6	98.9	89.0	80.2
125°	171.8	160.6	149.0	138.3	128.5	120.0	112.2	103.4	94.4	85.4	76.8
127.5°	168.7	157.1	145.6	134.9	124.8	115.4	107.5	98.7	89.7	82.3	75.4
130°	166.4	154.3	142.6	131.7	121.7	112.1	103.4	95.4	87.2	80.2	73.9
132.5°	164.5	152.3	139.6	127.7	117.5	108.0	99.1	91.8	84.6	77.6	71.7
135°	157.5	145.5	133.0	122.1	112.2	103.3	95.1	87.7	81.3	75.0	68.9
137.5°	148.0	137.6	126.4	116.0	106.7	98.4	90.6	83.6	77.3	71.7	66.2
140°	137.9	128.8	119.3	109.5	100.9	92.9	85.8	79.1	73.0	67.5	62.6
142.5°	127.5	119.4	111.4	102.8	94.5	87.2	80.4	74.2	68.4	63.1	58.2
145°	116.6	109.3	102.4	95.3	87.8	80.8	74.6	68.8	63.4	58.2	53.6
147.5°	105.0	98.7	92.5	86.6	80.5	74.0	68.1	62.8	57.7	53.0	48.4
150°	92.7	87.4	82.0	76.9	71.9	66.6	61.1	55.9	51.4	47.0	43.4
152.5°	79.6	75.4	70.9	66.3	62.0	57.8	53.4	48.9	45.9	43.4	41.0
155°	65.8	62.4	58.8	55.1	52.8	50.6	48.4	46.3	43.7	41.1	38.5
157.5°	56.1	54.4	52.6	50.8	48.8	46.7	44.6	42.7	40.8	38.8	36.5
160°	50.3	49.1	47.6	46.1	44.5	42.7	40.9	39.0	37.2	35.5	33.7
162.5°	44.5	43.4	42.4	41.1	39.7	38.3	36.9	35.3	33.7	32.1	30.5
165°	38.6	37.7	36.8	35.8	34.8	33.6	32.4	31.2	29.9	28.6	27.2
167.5°	32.7	31.9	31.1	30.3	29.5	28.6	27.7	26.7	25.6	24.6	23.4
170°	26.9	26.2	25.5	24.8	24.0	23.3	22.6	21.8	21.0	20.2	19.4
172.5°	20.9	20.4	19.9	19.4	18.8	18.2	17.6	16.9	16.3	15.6	15.0
175°	14.9	14.6	14.2	13.9	13.5	13.1	12.7	12.3	11.8	11.3	10.9
177.5°	8.5	8.3	8.2	8.0	7.9	7.7	7.5	7.3	7.1	6.8	6.6
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: P232053

CATALOG NUMBER: FVS4WM-3-LD4-35-2LO-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
0°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
2.5°	6.4	6.1	5.9	5.6	5.3	5.1	4.8	4.5	4.2	4.0	3.7
5°	10.4	9.9	9.4	8.8	8.3	7.8	7.2	6.6	6.1	5.5	4.9
7.5°	14.3	13.6	12.9	12.2	11.5	10.7	9.9	9.1	8.3	7.5	6.7
10°	18.5	17.6	16.6	15.6	14.6	13.6	12.6	11.6	10.5	9.5	8.4
12.5°	22.3	21.1	20.0	18.7	17.5	16.3	15.0	13.7	12.4	11.2	9.9
15°	25.8	24.3	22.9	21.4	20.0	18.6	17.1	15.7	14.2	12.7	11.2
17.5°	28.9	27.3	25.7	24.1	22.4	20.8	19.0	17.3	15.6	13.9	12.3
20°	31.9	30.1	28.1	26.1	24.1	22.2	20.4	18.6	16.8	15.0	13.2
22.5°	34.2	32.0	29.8	27.8	25.9	23.9	22.0	20.0	18.1	16.1	14.2
25°	36.3	34.1	31.9	29.8	27.7	25.5	23.4	21.3	19.3	17.2	15.2
27.5°	38.6	36.3	33.9	31.6	29.4	27.2	25.0	22.8	20.7	18.6	16.4
30°	40.8	38.3	36.0	33.6	31.3	29.1	26.9	24.7	22.4	20.2	17.9
32.5°	44.3	40.6	38.2	36.0	33.7	31.4	29.1	26.7	24.4	22.0	19.6
35°	49.1	45.3	41.6	38.6	36.2	33.7	31.4	29.0	26.5	24.0	21.3
37.5°	53.9	49.7	45.7	42.0	38.8	36.5	34.0	31.2	28.4	25.5	22.5
40°	57.8	53.3	49.3	45.8	42.4	39.1	36.1	33.0	29.8	26.6	23.5
42.5°	60.9	56.5	52.5	48.5	44.8	41.2	37.6	34.4	31.3	28.1	24.9
45°	63.9	59.2	54.6	50.4	46.3	42.5	39.2	36.3	32.9	29.3	25.8
47.5°	66.2	61.0	56.1	51.5	47.4	43.7	40.3	37.0	34.0	30.4	26.7
50°	67.8	62.2	57.0	52.4	48.2	44.2	40.6	37.3	34.3	31.0	27.0
52.5°	69.0	63.1	57.7	52.8	48.4	44.3	40.5	37.1	33.7	30.8	27.6
55°	69.9	63.7	58.0	52.9	48.3	44.0	40.2	36.7	33.6	30.6	27.6
57.5°	71.9	64.1	58.1	52.7	47.9	43.8	40.0	36.5	33.1	29.8	26.7
60°	74.3	66.4	59.0	52.3	47.9	43.7	39.8	36.0	32.4	29.1	25.9
62.5°	76.7	68.4	60.6	54.1	48.3	43.5	39.3	35.5	32.0	28.5	25.1
65°	79.0	70.3	62.4	55.7	49.6	43.9	39.1	35.3	31.6	27.9	24.1
67.5°	81.3	72.2	64.1	57.1	50.6	44.8	39.9	35.4	31.3	27.4	23.6
70°	83.5	74.0	65.7	58.3	51.4	45.7	40.6	35.8	31.3	27.3	22.9
72.5°	85.8	75.9	67.4	59.5	52.6	46.6	41.3	35.9	31.1	26.5	22.2
75°	87.3	77.8	69.1	60.6	53.7	47.7	41.7	35.9	30.4	25.1	20.7
77.5°	86.7	77.9	69.7	61.8	55.0	48.7	42.0	35.7	29.3	23.4	18.6
80°	86.8	78.3	70.0	62.4	55.4	48.7	42.0	35.2	28.0	21.4	15.9
82.5°	87.5	79.2	70.9	63.4	55.8	48.4	41.3	34.0	26.7	19.5	12.9
85°	88.7	80.5	72.2	64.9	56.2	48.5	41.1	33.4	26.0	18.4	11.4
87.5°	90.4	82.2	74.0	66.7	57.1	49.2	41.3	33.4	26.0	18.4	11.4
90°	92.5	84.4	76.3	69.0	58.4	50.3	42.2	34.1	26.8	18.7	11.4
92.5°	90.4	82.2	74.0	66.7	57.1	49.2	41.3	33.4	26.0	18.1	11.0
95°	88.7	80.5	72.2	64.9	56.2	48.5	41.1	33.4	26.0	18.4	11.4
97.5°	87.5	79.2	70.9	63.4	55.8	48.4	41.3	34.0	26.7	19.5	12.9
100°	86.8	78.3	70.0	62.4	55.4	48.7	42.0	35.2	28.0	21.4	15.9
102.5°	86.7	77.9	69.7	61.8	55.0	48.7	42.0	35.7	29.3	23.4	18.6
105°	87.3	77.8	69.1	60.6	53.7	47.7	41.7	35.9	30.4	25.1	20.7
107.5°	85.8	75.9	67.4	59.5	52.6	46.6	41.3	35.9	31.1	26.5	22.2
110°	83.5	74.0	65.7	58.3	51.4	45.7	40.6	35.8	31.3	27.3	22.9



TEST NUMBER: P232053

CATALOG NUMBER: FVS4WM-3-LD4-35-2LO-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°	81.3	72.2	64.1	57.1	50.6	44.8	39.9	35.4	31.3	27.4	23.6
115°	79.0	70.3	62.4	55.7	49.6	43.9	39.1	35.3	31.6	27.9	24.1
117.5°	76.7	68.4	60.6	54.1	48.3	43.5	39.3	35.5	32.0	28.5	25.1
120°	74.3	66.4	59.0	52.3	47.9	43.7	39.8	36.0	32.4	29.1	25.9
122.5°	71.9	64.1	58.1	52.7	47.9	43.8	40.0	36.5	33.1	29.8	26.7
125°	69.9	63.7	58.0	52.9	48.3	44.0	40.2	36.7	33.6	30.6	27.6
127.5°	69.0	63.1	57.7	52.8	48.4	44.3	40.5	37.1	33.7	30.8	27.6
130°	67.8	62.2	57.0	52.4	48.2	44.2	40.6	37.3	34.3	31.0	27.0
132.5°	66.2	61.0	56.1	51.5	47.4	43.7	40.3	37.0	34.0	30.4	26.7
135°	63.9	59.2	54.6	50.4	46.3	42.5	39.2	36.3	32.9	29.3	25.8
137.5°	60.9	56.5	52.5	48.5	44.8	41.2	37.6	34.4	31.3	28.1	24.9
140°	57.8	53.3	49.3	45.8	42.4	39.1	36.1	33.0	29.8	26.6	23.5
142.5°	53.9	49.7	45.7	42.0	38.8	36.5	34.0	31.2	28.4	25.5	22.5
145°	49.1	45.3	41.6	38.6	36.2	33.7	31.4	29.0	26.5	24.0	21.3
147.5°	44.3	40.6	38.2	36.0	33.7	31.4	29.1	26.7	24.4	22.0	19.6
150°	40.8	38.3	36.0	33.6	31.3	29.1	26.9	24.7	22.4	20.2	17.9
152.5°	38.6	36.3	33.9	31.6	29.4	27.2	25.0	22.8	20.7	18.6	16.4
155°	36.3	34.1	31.9	29.8	27.7	25.5	23.4	21.3	19.3	17.2	15.2
157.5°	34.2	32.0	29.8	27.8	25.9	23.9	22.0	20.0	18.1	16.1	14.2
160°	31.9	30.1	28.1	26.1	24.1	22.2	20.4	18.6	16.8	15.0	13.2
162.5°	28.9	27.3	25.7	24.1	22.4	20.8	19.0	17.3	15.6	13.9	12.3
165°	25.8	24.3	22.9	21.4	20.0	18.6	17.1	15.7	14.2	12.7	11.2
167.5°	22.3	21.1	20.0	18.7	17.5	16.3	15.0	13.7	12.4	11.2	9.9
170°	18.5	17.6	16.6	15.6	14.6	13.6	12.6	11.6	10.5	9.5	8.4
172.5°	14.3	13.6	12.9	12.2	11.5	10.7	9.9	9.1	8.3	7.5	6.7
175°	10.4	9.9	9.4	8.8	8.3	7.8	7.2	6.6	6.1	5.5	4.9
177.5°	6.4	6.1	5.9	5.6	5.3	5.1	4.8	4.5	4.2	4.0	3.7
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: P232053

CATALOG NUMBER: FVS4WM-3-LD4-35-2LO-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
0°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
2.5°	3.4	3.1	2.8	2.5	2.2	1.9	1.6	1.9	2.2	2.5	2.8
5°	4.3	3.7	3.2	2.6	2.0	1.4	0.8	1.4	2.0	2.6	3.2
7.5°	5.9	5.1	4.2	3.4	2.5	1.7	0.8	1.7	2.5	3.4	4.2
10°	7.3	6.3	5.2	4.1	3.0	1.9	0.8	1.9	3.0	4.1	5.2
12.5°	8.6	7.3	6.0	4.7	3.4	2.1	0.8	2.1	3.4	4.7	6.0
15°	9.8	8.3	6.8	5.3	3.8	2.3	0.8	2.3	3.8	5.3	6.8
17.5°	10.6	9.0	7.3	5.7	4.0	2.4	0.8	2.4	4.0	5.7	7.3
20°	11.4	9.7	7.9	6.1	4.3	2.6	0.8	2.6	4.3	6.1	7.9
22.5°	12.3	10.3	8.4	6.5	4.6	2.7	0.8	2.7	4.6	6.5	8.4
25°	13.2	11.1	9.0	7.0	4.9	2.9	0.8	2.9	4.9	7.0	9.0
27.5°	14.2	12.0	9.8	7.6	5.3	3.1	0.8	3.1	5.3	7.6	9.8
30°	15.6	13.3	11.0	8.7	6.4	4.0	1.6	4.0	6.4	8.7	11.0
32.5°	17.2	14.6	12.1	9.5	6.9	4.2	1.6	4.2	6.9	9.5	12.1
35°	18.5	15.7	12.9	10.1	7.3	4.4	1.6	4.4	7.3	10.1	12.9
37.5°	19.5	16.5	13.5	10.5	7.6	4.6	1.6	4.6	7.6	10.5	13.5
40°	20.5	17.4	14.2	11.1	8.0	4.8	1.6	4.8	8.0	11.1	14.2
42.5°	21.5	18.2	14.9	11.5	8.2	4.9	1.6	4.9	8.2	11.5	14.9
45°	22.3	18.8	15.4	11.9	8.5	5.0	1.6	5.0	8.5	11.9	15.4
47.5°	23.0	19.2	15.6	12.0	8.5	5.0	1.6	5.0	8.5	12.0	15.6
50°	23.1	19.5	15.9	12.3	8.7	5.1	1.6	5.1	8.7	12.3	15.9
52.5°	23.8	19.8	16.0	12.3	8.7	5.1	1.6	5.1	8.7	12.3	16.0
55°	23.8	19.8	15.9	12.2	8.6	5.1	1.6	5.1	8.6	12.2	15.9
57.5°	23.6	19.5	15.8	12.3	8.9	5.6	2.4	5.6	8.9	12.3	15.8
60°	22.8	19.2	15.3	11.8	8.5	5.4	2.4	5.4	8.5	11.8	15.3
62.5°	21.5	17.9	14.4	11.1	8.1	5.2	2.4	5.2	8.1	11.1	14.4
65°	20.5	17.0	13.6	10.5	7.6	4.9	2.4	4.9	7.6	10.5	13.6
67.5°	19.7	16.0	12.6	9.6	7.0	4.6	2.4	4.6	7.0	9.6	12.6
70°	18.8	15.0	11.6	8.9	6.5	4.4	2.4	4.4	6.5	8.9	11.6
72.5°	17.8	14.2	11.0	7.9	5.7	3.9	2.4	3.9	5.7	7.9	11.0
75°	17.3	13.4	9.7	6.6	4.4	3.2	2.4	3.2	4.4	6.6	9.7
77.5°	15.0	12.2	8.2	4.5	1.5	0.3	0.0	0.3	1.5	4.5	8.2
80°	11.6	8.7	5.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.2
82.5°	8.1	4.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	5.9	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	5.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	4.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	5.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	5.9	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	8.1	4.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	11.6	8.7	5.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.2
102.5°	15.0	12.2	8.2	4.5	1.5	0.3	0.0	0.3	1.5	4.5	8.2
105°	17.3	13.4	9.7	6.6	4.4	3.2	2.4	3.2	4.4	6.6	9.7
107.5°	17.8	14.2	11.0	7.9	5.7	3.9	2.4	3.9	5.7	7.9	11.0
110°	18.8	15.0	11.6	8.9	6.5	4.4	2.4	4.4	6.5	8.9	11.6



TEST NUMBER: P232053

CATALOG NUMBER: FVS4WM-3-LD4-35-2LO-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
112.5°	19.7	16.0	12.6	9.6	7.0	4.6	2.4	4.6	7.0	9.6	12.6
115°	20.5	17.0	13.6	10.5	7.6	4.9	2.4	4.9	7.6	10.5	13.6
117.5°	21.5	17.9	14.4	11.1	8.1	5.2	2.4	5.2	8.1	11.1	14.4
120°	22.8	19.2	15.3	11.8	8.5	5.4	2.4	5.4	8.5	11.8	15.3
122.5°	23.6	19.5	15.8	12.3	8.9	5.6	2.4	5.6	8.9	12.3	15.8
125°	23.8	19.8	15.9	12.2	8.6	5.1	1.6	5.1	8.6	12.2	15.9
127.5°	23.8	19.8	16.0	12.3	8.7	5.1	1.6	5.1	8.7	12.3	16.0
130°	23.1	19.5	15.9	12.3	8.7	5.1	1.6	5.1	8.7	12.3	15.9
132.5°	23.0	19.2	15.6	12.0	8.5	5.0	1.6	5.0	8.5	12.0	15.6
135°	22.3	18.8	15.4	11.9	8.5	5.0	1.6	5.0	8.5	11.9	15.4
137.5°	21.5	18.2	14.9	11.5	8.2	4.9	1.6	4.9	8.2	11.5	14.9
140°	20.5	17.4	14.2	11.1	8.0	4.8	1.6	4.8	8.0	11.1	14.2
142.5°	19.5	16.5	13.5	10.5	7.6	4.6	1.6	4.6	7.6	10.5	13.5
145°	18.5	15.7	12.9	10.1	7.3	4.4	1.6	4.4	7.3	10.1	12.9
147.5°	17.2	14.6	12.1	9.5	6.9	4.2	1.6	4.2	6.9	9.5	12.1
150°	15.6	13.3	11.0	8.7	6.4	4.0	1.6	4.0	6.4	8.7	11.0
152.5°	14.2	12.0	9.8	7.6	5.3	3.1	0.8	3.1	5.3	7.6	9.8
155°	13.2	11.1	9.0	7.0	4.9	2.9	0.8	2.9	4.9	7.0	9.0
157.5°	12.3	10.3	8.4	6.5	4.6	2.7	0.8	2.7	4.6	6.5	8.4
160°	11.4	9.7	7.9	6.1	4.3	2.6	0.8	2.6	4.3	6.1	7.9
162.5°	10.6	9.0	7.3	5.7	4.0	2.4	0.8	2.4	4.0	5.7	7.3
165°	9.8	8.3	6.8	5.3	3.8	2.3	0.8	2.3	3.8	5.3	6.8
167.5°	8.6	7.3	6.0	4.7	3.4	2.1	0.8	2.1	3.4	4.7	6.0
170°	7.3	6.3	5.2	4.1	3.0	1.9	0.8	1.9	3.0	4.1	5.2
172.5°	5.9	5.1	4.2	3.4	2.5	1.7	0.8	1.7	2.5	3.4	4.2
175°	4.3	3.7	3.2	2.6	2.0	1.4	0.8	1.4	2.0	2.6	3.2
177.5°	3.4	3.1	2.8	2.5	2.2	1.9	1.6	1.9	2.2	2.5	2.8
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: P232053

CATALOG NUMBER: FVS4WM-3-LD4-35-2LO-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
0°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
2.5°	3.1	3.4	3.7	4.0	4.2	4.5	4.8	5.1	5.3	5.6	5.9
5°	3.7	4.3	4.9	5.5	6.1	6.6	7.2	7.8	8.3	8.8	9.4
7.5°	5.1	5.9	6.7	7.5	8.3	9.1	9.9	10.7	11.5	12.2	12.9
10°	6.3	7.3	8.4	9.5	10.5	11.6	12.6	13.6	14.6	15.6	16.6
12.5°	7.3	8.6	9.9	11.2	12.4	13.7	15.0	16.3	17.5	18.7	20.0
15°	8.3	9.8	11.2	12.7	14.2	15.7	17.1	18.6	20.0	21.4	22.9
17.5°	9.0	10.6	12.3	13.9	15.6	17.3	19.0	20.8	22.4	24.1	25.7
20°	9.7	11.4	13.2	15.0	16.8	18.6	20.4	22.2	24.1	26.1	28.1
22.5°	10.3	12.3	14.2	16.1	18.1	20.0	22.0	23.9	25.9	27.8	29.8
25°	11.1	13.2	15.2	17.2	19.3	21.3	23.4	25.5	27.7	29.8	31.9
27.5°	12.0	14.2	16.4	18.6	20.7	22.8	25.0	27.2	29.4	31.6	33.9
30°	13.3	15.6	17.9	20.2	22.4	24.7	26.9	29.1	31.3	33.6	36.0
32.5°	14.6	17.2	19.6	22.0	24.4	26.7	29.1	31.4	33.7	36.0	38.2
35°	15.7	18.5	21.3	24.0	26.5	29.0	31.4	33.7	36.2	38.6	41.6
37.5°	16.5	19.5	22.5	25.5	28.4	31.2	34.0	36.5	38.8	42.0	45.7
40°	17.4	20.5	23.5	26.6	29.8	33.0	36.1	39.1	42.4	45.8	49.3
42.5°	18.2	21.5	24.9	28.1	31.3	34.4	37.6	41.2	44.8	48.5	52.5
45°	18.8	22.3	25.8	29.3	32.9	36.3	39.2	42.5	46.3	50.4	54.6
47.5°	19.2	23.0	26.7	30.4	34.0	37.0	40.3	43.7	47.4	51.5	56.1
50°	19.5	23.1	27.0	31.0	34.3	37.3	40.6	44.2	48.1	52.4	57.0
52.5°	19.8	23.8	27.6	30.8	33.7	37.1	40.5	44.3	48.4	52.8	57.7
55°	19.8	23.8	27.6	30.6	33.6	36.7	40.2	44.0	48.3	52.9	58.0
57.5°	19.5	23.6	26.7	29.8	33.1	36.5	40.0	43.8	47.9	52.7	58.1
60°	19.2	22.8	25.9	29.1	32.4	36.0	39.8	43.7	47.9	52.3	59.0
62.5°	17.9	21.5	25.1	28.5	32.0	35.5	39.3	43.5	48.3	54.1	60.6
65°	17.0	20.5	24.1	27.9	31.6	35.3	39.1	43.9	49.6	55.7	62.4
67.5°	16.0	19.7	23.6	27.4	31.3	35.4	39.9	44.8	50.6	57.1	64.1
70°	15.0	18.8	22.9	27.3	31.3	35.8	40.6	45.7	51.4	58.3	65.7
72.5°	14.2	17.8	22.2	26.5	31.1	35.9	41.3	46.6	52.6	59.5	67.4
75°	13.4	17.3	20.7	25.1	30.4	35.9	41.7	47.7	53.7	60.6	69.1
77.5°	12.2	15.0	18.6	23.4	29.3	35.7	42.0	48.7	55.0	61.8	69.7
80°	8.7	11.6	15.9	21.4	28.0	35.2	42.0	48.7	55.4	62.4	70.0
82.5°	4.6	8.1	12.9	19.5	26.7	34.0	41.3	48.4	55.8	63.4	70.9
85°	1.6	5.9	11.4	18.4	26.0	33.4	41.1	48.5	56.2	64.9	72.2
87.5°	0.4	5.0	11.0	18.1	26.0	33.4	41.3	49.2	57.1	66.7	74.0
90°	0.0	4.9	11.4	18.7	26.8	34.1	42.2	50.3	58.4	69.0	76.3
92.5°	0.4	5.0	11.0	18.1	26.0	33.4	41.3	49.2	57.1	66.7	74.0
95°	1.6	5.9	11.4	18.4	26.0	33.4	41.1	48.5	56.2	64.9	72.2
97.5°	4.6	8.1	12.9	19.5	26.7	34.0	41.3	48.4	55.8	63.4	70.9
100°	8.7	11.6	15.9	21.4	28.0	35.2	42.0	48.7	55.4	62.4	70.0
102.5°	12.2	15.0	18.6	23.4	29.3	35.7	42.0	48.7	55.0	61.8	69.7
105°	13.4	17.3	20.7	25.1	30.4	35.9	41.7	47.7	53.7	60.6	69.1
107.5°	14.2	17.8	22.2	26.5	31.1	35.9	41.3	46.6	52.6	59.5	67.4
110°	15.0	18.8	22.9	27.3	31.3	35.8	40.6	45.7	51.4	58.3	65.7



TEST NUMBER: P232053

CATALOG NUMBER: FVS4WM-3-LD4-35-2LO-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
112.5°	16.0	19.7	23.6	27.4	31.3	35.4	39.9	44.8	50.6	57.1	64.1
115°	17.0	20.5	24.1	27.9	31.6	35.3	39.1	43.9	49.6	55.7	62.4
117.5°	17.9	21.5	25.1	28.5	32.0	35.5	39.3	43.5	48.3	54.1	60.6
120°	19.2	22.8	25.9	29.1	32.4	36.0	39.8	43.7	47.9	52.3	59.0
122.5°	19.5	23.6	26.7	29.8	33.1	36.5	40.0	43.8	47.9	52.7	58.1
125°	19.8	23.8	27.6	30.6	33.6	36.7	40.2	44.0	48.3	52.9	58.0
127.5°	19.8	23.8	27.6	30.8	33.7	37.1	40.5	44.3	48.4	52.8	57.7
130°	19.5	23.1	27.0	31.0	34.3	37.3	40.6	44.2	48.1	52.4	57.0
132.5°	19.2	23.0	26.7	30.4	34.0	37.0	40.3	43.7	47.4	51.5	56.1
135°	18.8	22.3	25.8	29.3	32.9	36.3	39.2	42.5	46.3	50.4	54.6
137.5°	18.2	21.5	24.9	28.1	31.3	34.4	37.6	41.2	44.8	48.5	52.5
140°	17.4	20.5	23.5	26.6	29.8	33.0	36.1	39.1	42.4	45.8	49.3
142.5°	16.5	19.5	22.5	25.5	28.4	31.2	34.0	36.5	38.8	42.0	45.7
145°	15.7	18.5	21.3	24.0	26.5	29.0	31.4	33.7	36.2	38.6	41.6
147.5°	14.6	17.2	19.6	22.0	24.4	26.7	29.1	31.4	33.7	36.0	38.2
150°	13.3	15.6	17.9	20.2	22.4	24.7	26.9	29.1	31.3	33.6	36.0
152.5°	12.0	14.2	16.4	18.6	20.7	22.8	25.0	27.2	29.4	31.6	33.9
155°	11.1	13.2	15.2	17.2	19.3	21.3	23.4	25.5	27.7	29.8	31.9
157.5°	10.3	12.3	14.2	16.1	18.1	20.0	22.0	23.9	25.9	27.8	29.8
160°	9.7	11.4	13.2	15.0	16.8	18.6	20.4	22.2	24.1	26.1	28.1
162.5°	9.0	10.6	12.3	13.9	15.6	17.3	19.0	20.8	22.4	24.1	25.7
165°	8.3	9.8	11.2	12.7	14.2	15.7	17.1	18.6	20.0	21.4	22.9
167.5°	7.3	8.6	9.9	11.2	12.4	13.7	15.0	16.3	17.5	18.7	20.0
170°	6.3	7.3	8.4	9.5	10.5	11.6	12.6	13.6	14.6	15.6	16.6
172.5°	5.1	5.9	6.7	7.5	8.3	9.1	9.9	10.7	11.5	12.2	12.9
175°	3.7	4.3	4.9	5.5	6.1	6.6	7.2	7.8	8.3	8.8	9.4
177.5°	3.1	3.4	3.7	4.0	4.2	4.5	4.8	5.1	5.3	5.6	5.9
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: P232053

CATALOG NUMBER: FVS4WM-3-LD4-35-2LO-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
0°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
2.5°	6.1	6.4	6.6	6.8	7.1	7.3	7.5	7.7	7.9	8.0	8.2
5°	9.9	10.4	10.9	11.3	11.8	12.3	12.7	13.1	13.5	13.9	14.2
7.5°	13.6	14.3	15.0	15.6	16.3	16.9	17.6	18.2	18.8	19.4	19.9
10°	17.6	18.5	19.4	20.2	21.0	21.8	22.6	23.3	24.0	24.8	25.5
12.5°	21.1	22.3	23.4	24.6	25.6	26.7	27.7	28.6	29.5	30.3	31.1
15°	24.3	25.8	27.2	28.6	29.9	31.2	32.4	33.6	34.8	35.8	36.8
17.5°	27.3	28.9	30.5	32.1	33.7	35.3	36.9	38.3	39.7	41.1	42.4
20°	30.1	31.9	33.7	35.5	37.2	39.0	40.9	42.7	44.5	46.1	47.6
22.5°	32.0	34.2	36.5	38.8	40.8	42.7	44.6	46.7	48.8	50.8	52.6
25°	34.1	36.3	38.5	41.1	43.7	46.3	48.4	50.6	52.8	55.1	58.8
27.5°	36.3	38.6	41.0	43.4	45.9	48.9	53.4	57.8	62.0	66.3	70.9
30°	38.3	40.8	43.4	47.0	51.4	55.9	61.1	66.6	71.9	76.9	82.0
32.5°	40.6	44.3	48.4	53.0	57.7	62.8	68.1	74.0	80.5	86.6	92.5
35°	45.3	49.1	53.6	58.2	63.4	68.8	74.6	80.8	87.8	95.3	102.4
37.5°	49.7	53.9	58.2	63.1	68.4	74.2	80.4	87.2	94.5	102.8	111.4
40°	53.3	57.8	62.6	67.5	73.0	79.1	85.8	92.9	100.9	109.5	119.3
42.5°	56.5	60.9	66.2	71.7	77.3	83.6	90.6	98.4	106.7	116.0	126.4
45°	59.2	63.9	68.9	75.0	81.3	87.7	95.1	103.3	112.2	122.1	133.0
47.5°	61.0	66.2	71.7	77.6	84.6	91.8	99.1	108.0	117.5	127.7	139.6
50°	62.2	67.8	73.9	80.2	87.2	95.4	103.4	112.1	121.7	131.7	142.6
52.5°	63.1	69.0	75.4	82.3	89.7	98.7	107.5	115.4	124.8	134.9	145.6
55°	63.7	69.9	76.8	85.4	94.4	103.4	112.2	120.0	128.5	138.3	149.0
57.5°	64.1	71.9	80.2	89.0	98.9	108.6	117.6	125.3	132.5	142.2	153.0
60°	66.4	74.3	83.1	92.6	103.0	113.8	123.8	131.1	137.9	146.6	157.1
62.5°	68.4	76.7	85.9	95.8	106.6	118.7	129.7	137.6	143.9	151.4	161.5
65°	70.3	79.0	88.5	98.9	110.4	123.1	135.4	144.8	150.5	156.5	166.1
67.5°	72.2	81.3	91.3	102.1	114.0	127.3	141.1	152.6	157.5	162.5	171.4
70°	74.0	83.5	94.0	105.3	117.6	131.4	146.8	159.7	165.0	168.8	175.7
72.5°	75.9	85.8	96.6	108.5	121.2	134.4	148.3	160.0	165.7	169.4	175.7
75°	77.8	87.3	97.3	108.2	120.5	133.9	147.0	158.3	165.4	169.7	176.0
77.5°	77.9	86.7	96.3	107.2	119.9	133.7	146.7	157.1	164.9	169.9	176.5
80°	78.3	86.8	95.9	106.5	119.5	134.0	147.3	156.4	164.3	170.1	177.2
82.5°	79.2	87.5	96.0	106.2	119.4	134.7	148.6	156.2	163.7	170.3	178.1
85°	80.5	88.7	96.5	106.3	119.7	135.8	150.4	156.4	163.2	170.5	179.1
87.5°	82.2	90.4	97.6	106.9	120.5	137.5	152.6	156.8	162.7	170.8	180.4
90°	84.4	92.5	99.0	108.0	121.8	139.6	155.1	157.5	162.4	171.3	181.8
92.5°	82.2	90.4	97.6	106.9	120.5	137.5	152.6	156.8	162.7	170.8	180.4
95°	80.5	88.7	96.5	106.3	119.7	135.8	150.4	156.4	163.2	170.5	179.1
97.5°	79.2	87.5	96.0	106.2	119.4	134.7	148.6	156.2	163.7	170.3	178.1
100°	78.3	86.8	95.9	106.5	119.5	134.0	147.3	156.4	164.3	170.1	177.2
102.5°	77.9	86.7	96.3	107.2	119.9	133.7	146.7	157.1	164.9	169.9	176.5
105°	77.8	87.3	97.3	108.2	120.5	133.9	147.0	158.3	165.4	169.7	176.0
107.5°	75.9	85.8	96.6	108.5	121.2	134.4	148.3	160.0	165.7	169.4	175.7
110°	74.0	83.5	94.0	105.3	117.6	131.4	146.8	159.7	165.0	168.8	175.7



TEST NUMBER: P232053

CATALOG NUMBER: FVS4WM-3-LD4-35-2LO-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
112.5°	72.2	81.3	91.3	102.1	114.0	127.3	141.1	152.6	157.5	162.5	171.4
115°	70.3	79.0	88.5	98.9	110.4	123.1	135.4	144.8	150.5	156.5	166.1
117.5°	68.4	76.7	85.9	95.8	106.6	118.7	129.7	137.6	143.9	151.4	161.5
120°	66.4	74.3	83.1	92.6	103.0	113.8	123.8	131.1	137.9	146.6	157.1
122.5°	64.1	71.9	80.2	89.0	98.9	108.6	117.6	125.3	132.5	142.2	153.0
125°	63.7	69.9	76.8	85.4	94.4	103.4	112.2	120.0	128.5	138.3	149.0
127.5°	63.1	69.0	75.4	82.3	89.7	98.7	107.5	115.4	124.8	134.9	145.6
130°	62.2	67.8	73.9	80.2	87.2	95.4	103.4	112.1	121.7	131.7	142.6
132.5°	61.0	66.2	71.7	77.6	84.6	91.8	99.1	108.0	117.5	127.7	139.6
135°	59.2	63.9	68.9	75.0	81.3	87.7	95.1	103.3	112.2	122.1	133.0
137.5°	56.5	60.9	66.2	71.7	77.3	83.6	90.6	98.4	106.7	116.0	126.4
140°	53.3	57.8	62.6	67.5	73.0	79.1	85.8	92.9	100.9	109.5	119.3
142.5°	49.7	53.9	58.2	63.1	68.4	74.2	80.4	87.2	94.5	102.8	111.4
145°	45.3	49.1	53.6	58.2	63.4	68.8	74.6	80.8	87.8	95.3	102.4
147.5°	40.6	44.3	48.4	53.0	57.7	62.8	68.1	74.0	80.5	86.6	92.5
150°	38.3	40.8	43.4	47.0	51.4	55.9	61.1	66.6	71.9	76.9	82.0
152.5°	36.3	38.6	41.0	43.4	45.9	48.9	53.4	57.8	62.0	66.3	70.9
155°	34.1	36.3	38.5	41.1	43.7	46.3	48.4	50.6	52.8	55.1	58.8
157.5°	32.0	34.2	36.5	38.8	40.8	42.7	44.6	46.7	48.8	50.8	52.6
160°	30.1	31.9	33.7	35.5	37.2	39.0	40.9	42.7	44.5	46.1	47.6
162.5°	27.3	28.9	30.5	32.1	33.7	35.3	36.9	38.3	39.7	41.1	42.4
165°	24.3	25.8	27.2	28.6	29.9	31.2	32.4	33.6	34.8	35.8	36.8
167.5°	21.1	22.3	23.4	24.6	25.6	26.7	27.7	28.6	29.5	30.3	31.1
170°	17.6	18.5	19.4	20.2	21.0	21.8	22.6	23.3	24.0	24.8	25.5
172.5°	13.6	14.3	15.0	15.6	16.3	16.9	17.6	18.2	18.8	19.4	19.9
175°	9.9	10.4	10.9	11.3	11.8	12.3	12.7	13.1	13.5	13.9	14.2
177.5°	6.1	6.4	6.6	6.8	7.1	7.3	7.5	7.7	7.9	8.0	8.2
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: P232053

CATALOG NUMBER: FVS4WM-3-LD4-35-2LO-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
0°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
2.5°	8.3	8.5	8.6	8.7	8.8	8.9	9.0	9.1	9.1	9.2	10.1
5°	14.6	14.9	15.2	15.5	15.8	16.0	16.3	16.4	16.6	16.8	18.6
7.5°	20.4	20.9	21.4	21.9	22.4	22.9	23.3	23.7	24.0	24.3	27.1
10°	26.2	26.9	27.5	28.1	28.8	29.5	30.2	30.8	31.4	31.9	35.6
12.5°	31.9	32.7	33.5	34.3	35.0	35.9	36.9	37.8	38.7	39.5	44.0
15°	37.7	38.6	39.5	40.4	41.3	42.1	43.4	44.7	45.9	47.1	52.4
17.5°	43.4	44.5	45.4	46.5	47.5	48.5	49.7	51.4	53.1	54.6	60.8
20°	49.1	50.3	51.4	52.5	53.7	54.9	56.0	58.1	60.2	62.2	69.2
22.5°	54.4	56.1	57.4	58.6	59.8	61.2	62.5	64.6	67.3	69.8	77.5
25°	62.4	65.8	69.0	71.9	74.7	77.5	80.1	83.2	87.2	90.8	99.4
27.5°	75.4	79.6	83.5	87.4	91.1	94.7	98.3	102.0	107.1	111.8	121.5
30°	87.4	92.7	97.5	102.2	106.9	111.6	116.1	120.5	126.8	132.9	143.6
32.5°	98.7	105.0	111.0	116.5	122.2	128.0	133.7	139.1	146.5	153.9	165.7
35°	109.3	116.6	123.9	130.3	136.9	144.0	150.9	157.5	166.0	174.9	187.9
37.5°	119.4	127.5	136.0	143.8	151.4	159.5	167.8	175.8	185.5	195.9	210.0
40°	128.8	137.9	147.6	156.9	165.3	174.7	184.5	193.9	204.8	217.0	232.2
42.5°	137.6	148.0	158.7	170.0	179.2	189.5	201.3	211.7	224.1	238.0	254.3
45°	145.5	157.5	169.3	181.6	192.8	204.0	217.1	229.5	243.2	259.0	276.5
47.5°	152.3	164.5	175.6	187.0	198.1	209.0	223.0	236.9	252.2	269.8	289.1
50°	154.3	166.4	177.4	188.6	200.1	212.0	227.6	243.7	260.9	280.6	301.7
52.5°	157.1	168.7	179.7	190.5	201.9	215.1	232.1	250.3	269.6	291.5	314.3
55°	160.6	171.8	182.4	192.7	203.9	218.1	236.3	256.7	278.3	302.3	326.9
57.5°	164.4	175.6	185.6	195.3	206.2	220.9	240.4	263.0	286.9	313.1	339.5
60°	168.6	180.0	189.6	198.5	208.8	223.7	244.3	269.1	295.4	323.9	352.1
62.5°	173.1	184.7	193.4	202.0	211.7	226.3	248.1	275.2	304.0	334.8	364.8
65°	177.9	189.5	198.0	205.8	214.8	229.0	251.9	281.1	312.5	345.6	377.4
67.5°	183.0	194.6	203.0	209.8	218.1	231.6	255.7	287.0	321.0	356.4	390.0
70°	185.7	196.1	203.5	209.1	216.9	229.8	253.1	284.5	319.5	355.7	393.0
72.5°	184.8	194.1	201.3	206.4	214.6	227.6	250.3	281.8	317.9	355.0	395.9
75°	184.4	192.6	199.3	203.7	212.3	225.6	247.7	279.2	316.3	354.2	400.5
77.5°	184.4	191.5	197.5	201.1	210.1	223.8	245.3	276.7	314.8	353.5	403.0
80°	184.9	190.6	195.9	198.5	207.8	222.2	243.1	274.4	313.4	352.8	405.5
82.5°	185.7	190.0	194.3	196.0	205.6	220.8	241.1	272.1	312.1	352.1	408.0
85°	186.7	189.6	192.8	193.6	203.5	219.6	239.3	270.0	310.8	351.3	410.6
87.5°	187.9	189.3	191.4	191.3	201.5	218.5	237.7	268.1	309.6	350.6	413.1
90°	189.1	189.1	190.0	189.1	199.7	217.6	236.2	266.3	308.5	349.9	415.6
92.5°	187.9	189.3	191.4	191.3	201.5	218.5	237.7	268.1	309.6	350.6	413.1
95°	186.7	189.6	192.8	193.6	203.5	219.6	239.3	270.0	310.8	351.3	410.6
97.5°	185.7	190.0	194.3	196.0	205.6	220.8	241.1	272.1	312.1	352.1	408.0
100°	184.9	190.6	195.9	198.5	207.8	222.2	243.1	274.4	313.4	352.8	405.5
102.5°	184.4	191.5	197.5	201.1	210.1	223.8	245.3	276.7	314.8	353.5	403.0
105°	184.4	192.6	199.3	203.7	212.3	225.6	247.7	279.2	316.3	354.2	400.5
107.5°	184.8	194.1	201.3	206.4	214.6	227.6	250.3	281.8	317.9	355.0	395.9
110°	185.7	196.1	203.5	209.1	216.9	229.8	253.1	284.5	319.5	355.7	393.0



TEST NUMBER: P232053

CATALOG NUMBER: FVS4WM-3-LD4-35-2LO-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°	183.0	194.6	203.0	209.8	218.1	231.6	255.7	287.0	321.0	356.4	390.0
115°	177.9	189.5	198.0	205.8	214.8	229.0	251.9	281.1	312.5	345.6	377.4
117.5°	173.1	184.7	193.4	202.0	211.7	226.3	248.1	275.2	304.0	334.8	364.8
120°	168.6	180.0	189.6	198.5	208.8	223.7	244.3	269.1	295.4	323.9	352.1
122.5°	164.4	175.6	185.6	195.3	206.2	220.9	240.4	263.0	286.9	313.1	339.5
125°	160.6	171.8	182.4	192.7	203.9	218.1	236.3	256.7	278.3	302.3	326.9
127.5°	157.1	168.7	179.7	190.5	201.9	215.1	232.1	250.3	269.6	291.5	314.3
130°	154.3	166.4	177.4	188.6	200.1	212.0	227.6	243.7	260.9	280.6	301.7
132.5°	152.3	164.5	175.6	187.0	198.1	209.0	223.0	236.9	252.2	269.8	289.1
135°	145.5	157.5	169.3	181.6	192.8	204.0	217.1	229.5	243.2	259.0	276.5
137.5°	137.6	148.0	158.7	170.0	179.2	189.5	201.3	211.7	224.1	238.0	254.3
140°	128.8	137.9	147.6	156.9	165.3	174.7	184.5	193.9	204.8	217.0	232.2
142.5°	119.4	127.5	136.0	143.8	151.4	159.5	167.8	175.8	185.5	195.9	210.0
145°	109.3	116.6	123.9	130.3	136.9	144.0	150.9	157.5	166.0	174.9	187.9
147.5°	98.7	105.0	111.0	116.5	122.2	128.0	133.7	139.1	146.5	153.9	165.7
150°	87.4	92.7	97.5	102.2	106.9	111.6	116.1	120.5	126.8	132.9	143.6
152.5°	75.4	79.6	83.5	87.4	91.1	94.7	98.3	102.0	107.1	111.8	121.5
155°	62.4	65.8	69.0	71.9	74.7	77.5	80.1	83.2	87.2	90.8	99.4
157.5°	54.4	56.1	57.4	58.6	59.8	61.2	62.5	64.6	67.3	69.8	77.5
160°	49.1	50.3	51.4	52.5	53.7	54.9	56.0	58.1	60.2	62.2	69.2
162.5°	43.4	44.5	45.4	46.5	47.5	48.5	49.7	51.4	53.1	54.6	60.8
165°	37.7	38.6	39.5	40.4	41.3	42.1	43.4	44.7	45.9	47.1	52.4
167.5°	31.9	32.7	33.5	34.3	35.0	35.9	36.9	37.8	38.7	39.5	44.0
170°	26.2	26.9	27.5	28.1	28.8	29.5	30.2	30.8	31.4	31.9	35.6
172.5°	20.4	20.9	21.4	21.9	22.4	22.9	23.3	23.7	24.0	24.3	27.1
175°	14.6	14.9	15.2	15.5	15.8	16.0	16.3	16.4	16.6	16.8	18.6
177.5°	8.3	8.5	8.6	8.7	8.8	8.9	9.0	9.1	9.1	9.2	10.1
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: P232053

CATALOG NUMBER: FVS4WM-3-LD4-35-2LO-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
0°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
2.5°	11.0	11.9	12.8	13.7	14.5	15.4	16.2	16.9	17.7	18.4	19.0
5°	20.4	22.2	24.0	25.7	27.4	29.0	30.6	32.1	33.6	35.0	36.3
7.5°	29.8	32.5	35.1	37.6	40.1	42.5	45.0	47.9	50.7	53.4	56.0
10°	39.1	42.7	46.1	49.5	52.9	57.0	60.9	64.8	68.5	72.0	75.7
12.5°	48.4	52.8	57.0	61.6	66.8	71.8	76.8	81.5	86.0	90.2	94.3
15°	57.7	62.8	68.1	74.4	80.6	86.6	92.4	98.0	103.4	108.5	114.1
17.5°	66.9	72.8	79.7	87.0	94.2	101.2	108.1	114.7	121.1	126.6	131.7
20°	76.0	82.8	91.3	99.6	107.8	116.0	124.0	131.6	138.2	144.5	150.4
22.5°	85.1	93.4	102.8	112.1	121.6	131.0	140.0	147.9	155.5	162.4	167.6
25°	107.7	116.8	126.3	135.4	144.5	153.2	160.8	167.9	174.1	178.5	184.3
27.5°	130.8	141.1	151.2	161.0	170.4	178.9	186.5	193.4	198.2	202.7	203.6
30°	154.0	165.2	176.2	186.0	196.2	203.6	211.1	216.7	221.7	223.3	223.5
32.5°	177.3	189.1	200.3	210.4	219.5	227.3	234.0	239.4	242.5	243.1	243.5
35°	200.5	212.9	224.2	234.3	242.6	250.7	256.1	261.0	262.2	263.0	263.5
37.5°	223.6	236.6	247.6	257.5	265.0	271.9	277.6	280.5	282.1	282.9	283.9
40°	246.6	260.0	270.5	279.6	286.7	292.9	298.1	300.0	301.6	302.7	305.1
42.5°	269.4	283.2	293.1	301.2	307.7	313.6	317.5	319.6	321.2	323.1	325.5
45°	292.2	305.8	315.2	322.2	328.1	333.7	336.7	339.0	340.8	343.1	346.4
47.5°	307.3	323.5	336.5	345.5	353.5	359.6	361.4	360.6	360.4	362.7	366.7
50°	322.2	341.4	358.2	371.1	384.2	394.7	401.4	405.1	405.9	403.4	398.7
52.5°	337.4	360.0	380.7	397.8	417.0	432.4	444.2	452.9	458.7	457.4	454.3
55°	352.8	379.2	404.1	426.3	451.7	472.3	489.6	503.8	513.7	512.0	507.7
57.5°	368.3	399.0	428.3	456.4	488.0	514.3	537.3	557.5	567.8	565.9	559.1
60°	384.0	419.3	453.2	487.8	525.5	558.2	587.2	613.8	622.3	617.7	609.1
62.5°	399.8	440.0	478.7	520.2	564.3	603.5	639.1	672.4	677.2	668.0	656.0
65°	415.7	461.0	504.7	553.6	604.3	650.2	692.7	728.5	732.1	716.9	700.1
67.5°	431.7	482.3	531.1	587.7	645.2	697.9	747.7	782.6	782.8	764.0	741.6
70°	435.5	487.1	537.0	597.5	659.5	719.9	779.9	819.7	824.4	807.3	783.2
72.5°	438.8	490.3	539.5	600.7	662.8	725.4	788.9	829.8	841.0	829.5	810.6
75°	441.8	493.1	541.5	603.1	665.3	730.6	797.4	841.8	861.2	853.0	837.3
77.5°	444.6	495.5	542.9	604.7	667.0	735.2	805.4	855.2	884.1	877.7	864.5
80°	448.6	497.6	544.0	605.6	667.9	739.2	812.7	869.5	909.1	903.4	892.3
82.5°	450.5	500.6	546.1	605.8	668.1	742.5	819.1	884.2	935.5	929.8	920.6
85°	452.4	501.2	545.4	606.5	669.0	747.1	827.1	901.5	962.4	957.0	949.2
87.5°	454.3	501.9	544.6	604.4	666.5	747.0	829.6	913.5	989.8	984.4	978.1
90°	456.2	502.5	543.9	602.4	664.1	746.9	832.1	925.5	1014.7	1012.3	1007.4
92.5°	454.3	501.9	544.6	604.4	666.5	747.0	829.6	913.5	989.8	984.4	978.1
95°	452.4	501.2	545.4	606.5	669.0	747.1	827.1	901.5	962.4	957.0	949.2
97.5°	450.5	500.6	546.1	605.8	668.1	742.5	819.1	884.2	935.5	929.8	920.6
100°	448.6	497.6	544.0	605.6	667.9	739.2	812.7	869.5	909.1	903.4	892.3
102.5°	444.6	495.5	542.9	604.7	667.0	735.2	805.4	855.2	884.1	877.7	864.5
105°	441.8	493.1	541.5	603.1	665.3	730.6	797.4	841.8	861.2	853.0	837.3
107.5°	438.8	490.3	539.5	600.7	662.8	725.4	788.9	829.8	841.0	829.5	810.6
110°	435.5	487.1	537.0	597.5	659.5	719.9	779.9	819.7	824.4	807.3	783.2



TEST NUMBER: P232053

CATALOG NUMBER: FVS4WM-3-LD4-35-2LO-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
112.5°	431.7	482.3	531.1	587.7	645.2	697.9	747.7	782.6	782.8	764.0	741.6
115°	415.7	461.0	504.7	553.6	604.3	650.2	692.7	728.5	732.1	716.9	700.1
117.5°	399.8	440.0	478.7	520.2	564.3	603.5	639.1	672.4	677.2	668.0	656.0
120°	384.0	419.3	453.2	487.8	525.5	558.2	587.2	613.8	622.3	617.7	609.1
122.5°	368.3	399.0	428.3	456.4	488.0	514.3	537.3	557.5	567.8	565.9	559.1
125°	352.8	379.2	404.1	426.3	451.7	472.3	489.6	503.8	513.7	512.0	507.7
127.5°	337.4	360.0	380.7	397.8	417.0	432.4	444.2	452.9	458.7	457.4	454.3
130°	322.2	341.4	358.2	371.1	384.2	394.7	401.4	405.1	405.9	403.4	398.7
132.5°	307.3	323.5	336.5	345.5	353.5	359.6	361.4	360.6	360.4	362.7	366.7
135°	292.2	305.8	315.2	322.2	328.1	333.7	336.7	339.0	340.8	343.1	346.4
137.5°	269.4	283.2	293.1	301.2	307.7	313.6	317.5	319.6	321.2	323.1	325.5
140°	246.6	260.0	270.5	279.6	286.7	292.9	298.1	300.0	301.6	302.7	305.1
142.5°	223.6	236.6	247.6	257.5	265.0	271.9	277.6	280.5	282.1	282.9	283.9
145°	200.5	212.9	224.2	234.3	242.6	250.7	256.1	261.0	262.2	263.0	263.5
147.5°	177.3	189.1	200.3	210.4	219.5	227.3	234.0	239.4	242.5	243.1	243.5
150°	154.0	165.2	176.2	186.0	196.2	203.6	211.1	216.7	221.7	223.3	223.5
152.5°	130.8	141.1	151.2	161.0	170.4	178.9	186.5	193.4	198.2	202.7	203.6
155°	107.7	116.8	126.3	135.4	144.5	153.2	160.8	167.9	174.1	178.5	184.3
157.5°	85.1	93.4	102.8	112.1	121.6	131.0	140.0	147.9	155.5	162.4	167.6
160°	76.0	82.8	91.3	99.6	107.8	116.0	124.0	131.6	138.2	144.5	150.4
162.5°	66.9	72.8	79.7	87.0	94.2	101.2	108.1	114.7	121.1	126.6	131.7
165°	57.7	62.8	68.1	74.4	80.6	86.6	92.4	98.0	103.4	108.5	114.1
167.5°	48.4	52.8	57.0	61.6	66.8	71.8	76.8	81.5	86.0	90.2	94.3
170°	39.1	42.7	46.1	49.5	52.9	57.0	60.9	64.8	68.5	72.0	75.7
172.5°	29.8	32.5	35.1	37.6	40.1	42.5	45.0	47.9	50.7	53.4	56.0
175°	20.4	22.2	24.0	25.7	27.4	29.0	30.6	32.1	33.6	35.0	36.3
177.5°	11.0	11.9	12.8	13.7	14.5	15.4	16.2	16.9	17.7	18.4	19.0
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: P232053

CATALOG NUMBER: FVS4WM-3-LD4-35-2LO-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
0°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
2.5°	19.7	20.3	20.9	21.4	21.9	22.4	22.8	23.2	23.5	23.8	24.1
5°	38.0	39.5	41.0	42.4	43.8	45.0	46.2	47.2	48.2	49.0	49.8
7.5°	58.4	60.8	63.0	65.2	67.1	68.7	70.2	71.5	72.7	73.7	74.6
10°	78.5	81.4	84.1	86.6	88.9	91.1	93.0	94.6	95.8	96.9	97.7
12.5°	98.1	101.7	105.0	107.7	110.1	112.4	114.4	116.1	117.6	118.9	120.0
15°	117.5	121.3	124.8	128.1	131.0	133.5	135.7	137.7	139.4	141.0	142.5
17.5°	136.5	141.7	144.7	148.0	151.0	153.9	156.6	159.3	162.0	164.7	167.3
20°	155.2	159.4	163.4	167.0	169.9	172.9	176.1	179.3	182.8	186.3	189.8
22.5°	172.6	176.9	179.7	182.6	185.7	189.1	192.9	196.8	201.2	206.8	212.3
25°	187.5	189.7	192.7	195.3	198.8	202.5	208.4	214.6	221.0	227.9	235.5
27.5°	203.3	202.8	202.4	205.3	210.9	217.4	224.9	232.5	241.2	250.0	259.5
30°	223.4	223.0	222.9	224.9	226.6	231.6	240.9	250.4	261.6	272.9	285.0
32.5°	243.5	244.3	246.6	249.1	253.3	257.1	262.4	269.2	282.4	297.9	313.3
35°	264.6	267.1	270.3	274.8	279.8	286.4	292.6	302.2	310.9	327.8	351.5
37.5°	286.5	289.8	294.6	300.6	308.0	317.1	328.3	341.2	359.7	379.0	399.7
40°	308.0	312.9	319.2	327.4	338.5	351.4	369.9	391.1	415.1	441.0	466.7
42.5°	330.1	335.8	344.7	356.7	371.3	393.4	417.2	446.4	477.9	506.8	536.8
45°	351.2	360.1	371.7	388.0	411.7	438.0	470.4	503.2	538.8	575.0	614.4
47.5°	373.8	383.5	401.4	424.7	453.5	487.6	523.5	562.8	604.4	647.8	692.7
50°	398.1	411.8	432.8	463.8	498.5	536.0	578.7	623.9	673.3	720.3	770.2
52.5°	452.9	459.5	477.8	503.8	543.7	586.9	634.3	686.4	736.9	791.0	848.0
55°	507.1	514.1	534.1	559.6	595.2	637.6	688.4	743.2	799.6	858.5	925.1
57.5°	557.0	566.2	584.6	611.4	649.8	695.5	745.3	798.8	857.7	924.6	998.6
60°	604.5	613.0	631.2	661.4	701.4	748.1	799.4	854.7	916.2	984.7	1070.5
62.5°	651.0	657.2	673.8	706.0	748.7	796.0	848.0	905.7	973.7	1051.8	1139.0
65°	693.3	697.8	716.0	748.6	791.2	837.7	891.1	955.8	1029.6	1112.7	1207.1
67.5°	732.0	734.3	753.8	787.9	829.1	875.6	931.2	1000.2	1078.5	1168.1	1281.3
70°	769.0	768.0	787.4	823.0	861.8	908.6	969.6	1041.4	1122.0	1217.3	1347.2
72.5°	799.8	800.6	819.6	854.0	890.0	938.8	1002.8	1075.0	1157.5	1264.7	1394.5
75°	827.6	828.4	845.4	873.8	908.9	959.6	1028.5	1102.1	1183.9	1298.4	1439.7
77.5°	854.8	853.6	867.3	889.2	921.6	973.4	1042.8	1121.9	1214.1	1332.5	1477.3
80°	881.5	876.7	886.1	900.9	930.6	982.3	1054.1	1138.6	1238.6	1365.8	1514.4
82.5°	908.0	898.2	902.3	909.7	936.4	986.9	1062.2	1152.0	1256.0	1388.5	1545.7
85°	934.5	918.8	916.7	916.4	939.6	987.7	1066.9	1161.4	1266.5	1400.8	1569.3
87.5°	960.8	938.7	930.0	921.8	941.3	986.4	1069.9	1169.0	1273.3	1407.6	1589.6
90°	988.0	959.5	943.3	927.1	940.9	980.7	1065.1	1166.6	1268.0	1397.1	1586.3
92.5°	960.8	938.7	930.0	921.8	941.3	986.4	1069.9	1169.0	1273.3	1407.6	1589.6
95°	934.5	918.8	916.7	916.4	939.6	987.7	1066.9	1161.4	1266.5	1400.8	1569.3
97.5°	908.0	898.2	902.3	909.7	936.4	986.9	1062.2	1152.0	1256.0	1388.5	1545.7
100°	881.5	876.7	886.1	900.9	930.6	982.3	1054.1	1138.6	1238.6	1365.8	1514.4
102.5°	854.8	853.6	867.3	889.2	921.6	973.4	1042.8	1121.9	1214.1	1332.5	1477.3
105°	827.6	828.4	845.4	873.8	908.9	959.6	1028.5	1102.1	1183.9	1298.4	1439.7
107.5°	799.8	800.6	819.6	854.0	890.0	938.8	1002.8	1075.0	1157.5	1264.7	1394.5
110°	769.0	768.0	787.4	823.0	861.8	908.6	969.6	1041.4	1122.0	1217.3	1347.2



TEST NUMBER: P232053

CATALOG NUMBER: FVS4WM-3-LD4-35-2LO-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°	732.0	734.3	753.8	787.9	829.1	875.6	931.2	1000.2	1078.5	1168.1	1281.3
115°	693.3	697.8	716.0	748.6	791.2	837.7	891.1	955.8	1029.6	1112.7	1207.1
117.5°	651.0	657.2	673.8	706.0	748.7	796.0	848.0	905.7	973.7	1051.8	1139.0
120°	604.5	613.0	631.2	661.4	701.4	748.1	799.4	854.7	916.2	984.7	1070.5
122.5°	557.0	566.2	584.6	611.4	649.8	695.5	745.3	798.8	857.7	924.6	998.6
125°	507.1	514.1	534.1	559.6	595.2	637.6	688.4	743.2	799.6	858.5	925.1
127.5°	452.9	459.5	477.8	503.8	543.7	586.9	634.3	686.4	736.9	791.0	848.0
130°	398.1	411.8	432.8	463.8	498.5	536.0	578.7	623.9	673.3	720.3	770.2
132.5°	373.8	383.5	401.4	424.7	453.5	487.6	523.5	562.8	604.4	647.8	692.7
135°	351.2	360.1	371.7	388.0	411.7	438.0	470.4	503.2	538.8	575.0	614.4
137.5°	330.1	335.8	344.7	356.7	371.3	393.4	417.2	446.4	477.9	506.8	536.8
140°	308.0	312.9	319.2	327.4	338.5	351.4	369.9	391.1	415.1	441.0	466.7
142.5°	286.5	289.8	294.6	300.6	308.0	317.1	328.3	341.2	359.7	379.0	399.7
145°	264.6	267.1	270.3	274.8	279.8	286.4	292.6	302.2	310.9	327.8	351.5
147.5°	243.5	244.3	246.6	249.1	253.3	257.1	262.4	269.2	282.4	297.9	313.3
150°	223.4	223.0	222.9	224.9	226.6	231.6	240.9	250.4	261.6	272.9	285.0
152.5°	203.3	202.8	202.4	205.3	210.9	217.4	224.9	232.5	241.2	250.0	259.5
155°	187.5	189.7	192.7	195.3	198.8	202.5	208.4	214.6	221.0	227.9	235.5
157.5°	172.6	176.9	179.7	182.6	185.7	189.1	192.9	196.8	201.2	206.8	212.3
160°	155.2	159.4	163.4	167.0	169.9	172.9	176.1	179.3	182.8	186.3	189.8
162.5°	136.5	141.7	144.7	148.0	151.0	153.9	156.6	159.3	162.0	164.7	167.3
165°	117.5	121.3	124.8	128.1	131.0	133.5	135.7	137.7	139.4	141.0	142.5
167.5°	98.1	101.7	105.0	107.7	110.1	112.4	114.4	116.1	117.6	118.9	120.0
170°	78.5	81.4	84.1	86.6	88.9	91.1	93.0	94.6	95.8	96.9	97.7
172.5°	58.4	60.8	63.0	65.2	67.1	68.7	70.2	71.5	72.7	73.7	74.6
175°	38.0	39.5	41.0	42.4	43.8	45.0	46.2	47.2	48.2	49.0	49.8
177.5°	19.7	20.3	20.9	21.4	21.9	22.4	22.8	23.2	23.5	23.8	24.1
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: P232053

CATALOG NUMBER: FVS4WM-3-LD4-35-2LO-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
0°	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
2.5°	24.3	24.5	24.6	24.7	24.7	24.7	25.4	25.1	24.8	24.5	24.1
5°	50.5	51.0	51.5	51.8	52.1	52.2	52.3	52.2	52.8	52.2	51.6
7.5°	75.4	76.0	76.5	76.8	76.9	77.0	76.8	76.6	76.2	76.2	75.2
10°	98.4	98.9	99.2	99.3	99.3	99.0	98.6	98.0	97.2	97.0	95.5
12.5°	120.8	121.5	121.9	122.1	122.1	121.9	121.5	120.9	120.1	119.0	118.1
15°	144.4	146.1	147.6	149.1	150.3	151.3	152.0	152.5	152.7	152.6	153.0
17.5°	169.9	172.5	175.0	177.4	179.6	181.6	183.3	184.8	185.9	186.7	188.1
20°	193.4	197.2	201.4	205.3	209.0	212.4	215.4	218.2	220.5	222.4	224.9
22.5°	217.8	223.1	228.8	234.6	240.0	245.0	249.6	253.8	257.5	260.7	264.7
25°	243.1	250.5	257.7	265.5	273.0	279.9	286.4	292.4	297.7	302.4	306.3
27.5°	269.4	279.2	288.7	298.7	309.0	318.8	327.8	336.1	343.5	350.1	355.7
30°	297.7	311.0	324.0	336.6	350.8	363.7	375.3	385.6	394.5	402.0	408.2
32.5°	330.1	349.5	367.7	384.4	401.3	417.4	431.4	443.4	453.4	461.5	467.7
35°	373.9	398.3	421.8	443.1	462.2	479.7	494.5	506.9	516.8	524.4	529.7
37.5°	429.6	457.4	484.0	507.7	528.4	549.1	567.0	581.4	592.4	600.3	605.1
40°	492.7	522.6	554.7	584.4	610.1	633.0	653.4	669.8	682.2	690.8	695.7
42.5°	570.3	603.6	638.5	672.5	702.1	728.3	755.0	777.1	794.5	807.1	814.9
45°	653.2	692.7	730.4	771.6	809.7	847.9	875.3	901.7	922.0	936.1	944.1
47.5°	737.2	784.9	833.3	883.6	931.1	971.9	1012.1	1050.2	1081.4	1105.3	1121.3
50°	824.1	879.7	941.0	1002.0	1070.9	1126.6	1176.6	1222.3	1262.6	1296.5	1322.6
52.5°	911.0	977.6	1053.9	1133.1	1210.9	1280.3	1339.1	1395.8	1446.9	1491.2	1527.2
55°	996.7	1080.6	1166.7	1253.5	1340.3	1425.8	1498.8	1558.9	1613.3	1662.5	1705.0
57.5°	1084.8	1176.6	1270.7	1374.0	1478.0	1553.1	1626.5	1691.8	1750.5	1804.4	1851.8
60°	1165.3	1266.9	1383.7	1488.3	1579.3	1659.7	1732.5	1801.8	1864.0	1919.9	1968.6
62.5°	1240.7	1368.9	1481.6	1583.2	1667.5	1748.8	1823.8	1897.2	1958.6	2016.6	2069.4
65°	1332.5	1453.4	1562.8	1653.6	1739.6	1822.6	1900.3	1971.3	2039.1	2100.9	2153.3
67.5°	1408.5	1528.0	1621.3	1709.9	1798.4	1886.6	1968.1	2045.4	2115.6	2172.3	2220.3
70°	1472.3	1585.3	1679.1	1761.0	1853.3	1942.3	2028.1	2107.6	2178.2	2241.2	2290.0
72.5°	1526.0	1640.0	1729.9	1818.0	1902.4	1989.0	2083.0	2166.0	2247.2	2308.3	2349.5
75°	1573.9	1681.4	1772.8	1860.5	1946.1	2040.4	2129.0	2212.8	2286.1	2357.6	2407.8
77.5°	1615.4	1717.8	1804.0	1890.7	1983.4	2079.0	2166.7	2240.7	2326.6	2402.3	2454.5
80°	1645.4	1741.3	1823.7	1912.1	2007.4	2111.3	2193.4	2276.8	2361.7	2437.2	2478.7
82.5°	1670.7	1761.5	1843.6	1930.7	2025.5	2123.1	2212.6	2300.3	2392.2	2462.1	2499.3
85°	1688.5	1774.2	1854.5	1945.1	2041.9	2136.1	2222.5	2310.8	2401.8	2475.5	2521.4
87.5°	1702.6	1779.5	1856.7	1950.4	2044.8	2138.4	2226.3	2319.5	2409.8	2482.9	2519.1
90°	1699.9	1777.8	1850.9	1945.9	2035.2	2127.7	2217.0	2310.4	2403.7	2471.9	2512.5
92.5°	1702.6	1779.5	1856.7	1950.4	2044.8	2138.4	2226.3	2319.5	2409.8	2482.9	2519.1
95°	1688.5	1774.2	1854.5	1945.1	2041.9	2136.1	2222.5	2310.8	2401.8	2475.5	2521.4
97.5°	1670.7	1761.5	1843.6	1930.7	2025.5	2123.1	2212.6	2300.3	2392.2	2462.1	2499.3
100°	1645.4	1741.3	1823.7	1912.1	2007.4	2111.3	2193.4	2276.8	2361.7	2437.2	2478.7
102.5°	1615.4	1717.8	1804.0	1890.7	1983.4	2079.0	2166.7	2240.7	2326.6	2402.3	2454.5
105°	1573.9	1681.4	1772.8	1860.5	1946.1	2040.4	2129.0	2212.8	2286.1	2357.6	2407.8
107.5°	1526.0	1640.0	1729.9	1818.0	1902.4	1989.0	2083.0	2166.0	2247.2	2308.3	2349.5
110°	1472.3	1585.3	1679.1	1761.0	1853.3	1942.3	2028.1	2107.6	2178.2	2241.2	2290.0



TEST NUMBER: P232053

CATALOG NUMBER: FVS4WM-3-LD4-35-2LO-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
112.5°	1408.5	1528.0	1621.3	1709.9	1798.4	1886.6	1968.1	2045.4	2115.6	2172.3	2220.3
115°	1332.5	1453.4	1562.8	1653.6	1739.6	1822.6	1900.3	1971.3	2039.1	2100.9	2153.3
117.5°	1240.7	1368.9	1481.6	1583.2	1667.5	1748.8	1823.8	1897.2	1958.6	2016.6	2069.4
120°	1165.3	1266.9	1383.7	1488.3	1579.3	1659.7	1732.5	1801.8	1864.0	1919.9	1968.6
122.5°	1084.8	1176.6	1270.7	1374.0	1478.0	1553.1	1626.5	1691.8	1750.5	1804.4	1851.8
125°	996.7	1080.6	1166.7	1253.5	1340.3	1425.8	1498.8	1558.9	1613.3	1662.5	1705.0
127.5°	911.0	977.6	1053.9	1133.1	1210.9	1280.3	1339.1	1395.8	1446.9	1491.2	1527.2
130°	824.1	879.7	941.0	1002.0	1070.9	1126.6	1176.6	1222.3	1262.6	1296.5	1322.6
132.5°	737.2	784.9	833.3	883.6	931.1	971.9	1012.1	1050.2	1081.4	1105.3	1121.3
135°	653.2	692.7	730.4	771.6	809.7	847.9	875.3	901.7	922.0	936.1	944.1
137.5°	570.3	603.6	638.5	672.5	702.1	728.3	755.0	777.1	794.5	807.1	814.9
140°	492.7	522.6	554.7	584.4	610.1	633.0	653.4	669.8	682.2	690.8	695.7
142.5°	429.6	457.4	484.0	507.7	528.4	549.1	567.0	581.4	592.4	600.3	605.1
145°	373.9	398.3	421.8	443.1	462.2	479.7	494.5	506.9	516.8	524.4	529.7
147.5°	330.1	349.5	367.7	384.4	401.3	417.4	431.4	443.4	453.4	461.5	467.7
150°	297.7	311.0	324.0	336.6	350.8	363.7	375.3	385.6	394.5	402.0	408.2
152.5°	269.4	279.2	288.7	298.7	309.0	318.8	327.8	336.1	343.5	350.1	355.7
155°	243.1	250.5	257.7	265.5	273.0	279.9	286.4	292.4	297.7	302.4	306.3
157.5°	217.8	223.1	228.8	234.6	240.0	245.0	249.6	253.8	257.5	260.7	264.7
160°	193.4	197.2	201.4	205.3	209.0	212.4	215.4	218.2	220.5	222.4	224.9
162.5°	169.9	172.5	175.0	177.4	179.6	181.6	183.3	184.8	185.9	186.7	188.1
165°	144.4	146.1	147.6	149.1	150.3	151.3	152.0	152.5	152.7	152.6	153.0
167.5°	120.8	121.5	121.9	122.1	122.1	121.9	121.5	120.9	120.1	119.0	118.1
170°	98.4	98.9	99.2	99.3	99.3	99.0	98.6	98.0	97.2	97.0	95.5
172.5°	75.4	76.0	76.5	76.8	76.9	77.0	76.8	76.6	76.2	76.2	75.2
175°	50.5	51.0	51.5	51.8	52.1	52.2	52.3	52.2	52.8	52.2	51.6
177.5°	24.3	24.5	24.6	24.7	24.7	24.7	25.4	25.1	24.8	24.5	24.1
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: P232053

CATALOG NUMBER: FVS4WM-3-LD4-35-2LO-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	357.5°	360°
0°	1.6	1.6
2.5°	23.8	23.5
5°	50.9	50.3
7.5°	74.1	73.1
10°	94.0	92.5
12.5°	116.3	114.5
15°	151.6	150.2
17.5°	187.4	186.7
20°	224.9	224.9
22.5°	265.5	266.3
25°	309.9	311.7
27.5°	360.8	363.7
30°	413.7	416.5
32.5°	473.0	474.9
35°	533.9	534.2
37.5°	608.3	606.4
40°	698.7	694.9
42.5°	820.3	815.9
45°	949.0	942.5
47.5°	1133.5	1128.4
50°	1345.3	1346.8
52.5°	1559.5	1568.4
55°	1744.7	1762.4
57.5°	1896.6	1921.5
60°	2014.0	2041.7
62.5°	2115.6	2153.7
65°	2196.6	2231.6
67.5°	2260.2	2292.5
70°	2326.7	2353.4
72.5°	2380.3	2402.1
75°	2432.2	2444.3
77.5°	2472.4	2481.7
80°	2498.3	2508.5
82.5°	2516.6	2531.2
85°	2527.7	2545.0
87.5°	2539.9	2553.9
90°	2526.3	2547.4
92.5°	2539.9	2553.9
95°	2527.7	2545.0
97.5°	2516.6	2531.2
100°	2498.3	2508.5
102.5°	2472.4	2481.7
105°	2432.2	2444.3
107.5°	2380.3	2402.1
110°	2326.7	2353.4



TEST NUMBER: P232053

CATALOG NUMBER: FVS4WM-3-LD4-35-2LO-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	357.5°	360°
112.5°	2260.2	2292.5
115°	2196.6	2231.6
117.5°	2115.6	2153.7
120°	2014.0	2041.7
122.5°	1896.6	1921.5
125°	1744.7	1762.4
127.5°	1559.5	1568.4
130°	1345.3	1346.8
132.5°	1133.5	1128.4
135°	949.0	942.5
137.5°	820.3	815.9
140°	698.7	694.9
142.5°	608.3	606.4
145°	533.9	534.2
147.5°	473.0	474.9
150°	413.7	416.5
152.5°	360.8	363.7
155°	309.9	311.7
157.5°	265.5	266.3
160°	224.9	224.9
162.5°	187.4	186.7
165°	151.6	150.2
167.5°	116.3	114.5
170°	94.0	92.5
172.5°	74.1	73.1
175°	50.9	50.3
177.5°	23.8	23.5
180°	1.0	1.0

(END OF REPORT)