

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: P231955

Luminaire Tested: **FVS4WM-4-LD4-50-1HI-P125-UNV-EDC1**

Issue Date: 3/3/2020



Test Information

Test Method: LM-79-08
Report Number: P231955
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-LD4-50-1HI-P125-UNV-EDC1
Description: FAILSAFE FVS LED FIXTURE
4FT LENGTH, 1-MODULE LED WITH P125 LENS
Light Source: (84) 5000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

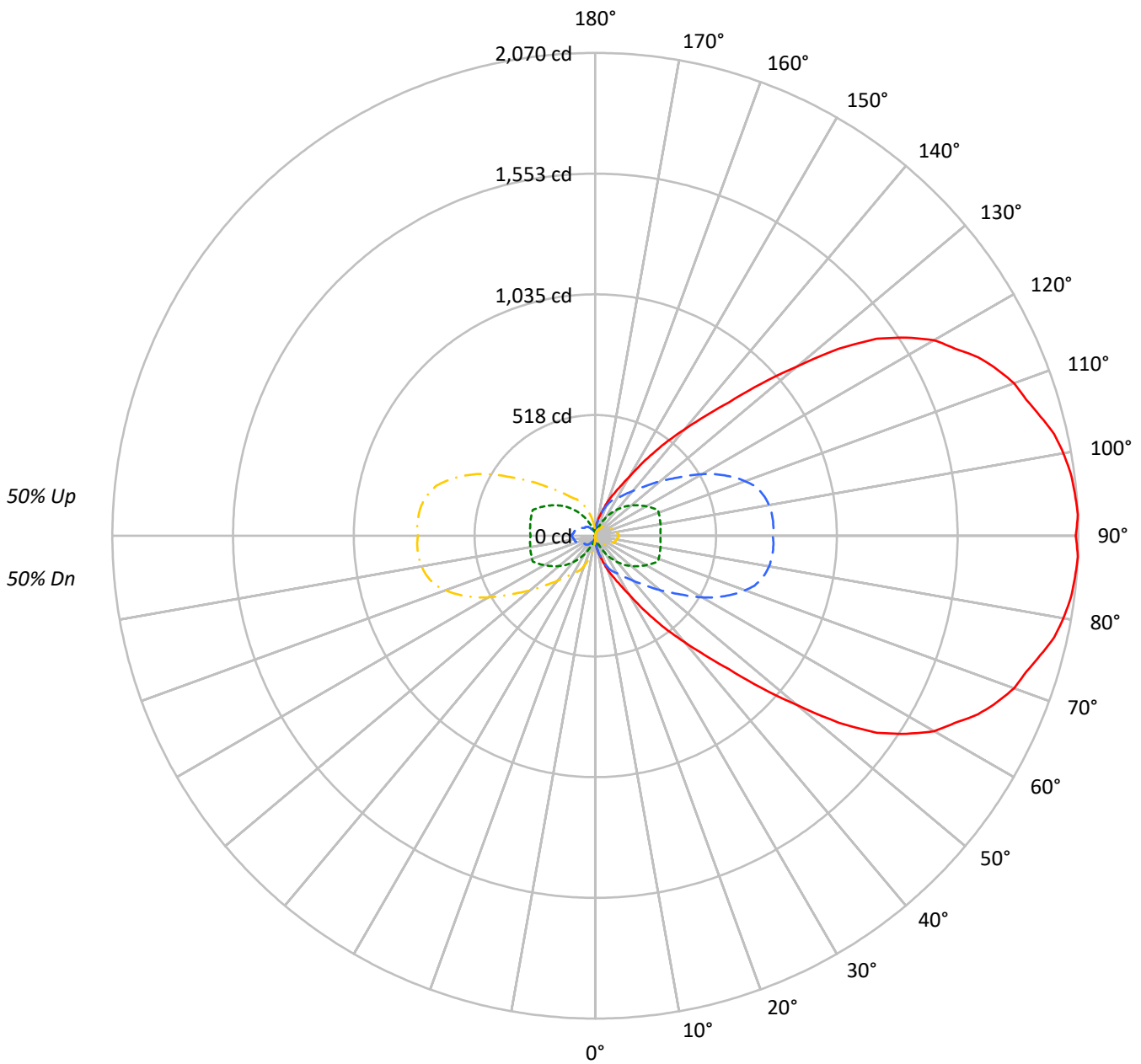
Lumens per Lamp: N/A
Luminaire Lumens: 4840.7 lumens
Efficiency: N/A
Efficacy: 108.8 lumens/watt
Spacing Criteria (0/90/45): 24.57 / 15.87 / 16.53
Luminous Opening: Rectangular w/ Sides (W: 3.79' x L: 0.19' x H: 0.31')
CIE Type: General Diffuse

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°	17	17	17	17
5°	535	166	15	166
10°	880	318	13	318
15°	1123	474	12	474
20°	1552	638	11	638
25°	1978	970	10	970
30°	2602	1492	10	1492
35°	3673	2071	9	2071
40°	4896	2727	9	2727
45°	6485	3493	9	3493
50°	8907	4328	9	4328
55°	11500	5361	9	5361
60°	13061	6683	9	6683
65°	14181	8445	17	8445
70°	15161	10420	17	10420
75°	16003	12795	18	12795
80°	16995	16833	0	16833
85°	17878	25109	0	25109



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	2.3	0.0
10°-20°	15.7	0.3
20°-30°	43.9	0.9
30°-40°	97.3	2.0
40°-50°	189.9	3.9
50°-60°	336.2	6.9
60°-70°	489.6	10.1
70°-80°	595.8	12.3
80°-90°	649.6	13.4
90°-100°	649.6	13.4
100°-110°	595.8	12.3
110°-120°	489.6	10.1
120°-130°	336.2	6.9
130°-140°	189.9	3.9
140°-150°	97.3	2.0
150°-160°	43.9	0.9
160°-170°	15.7	0.3
170°-180°	2.3	0.0
0°-30°	61.9	1.3
0°-40°	159.3	3.3
0°-60°	685.4	14.2
0°-90°	2420.4	50.0
90°-120°	1735.0	35.8
90°-150°	2358.4	48.7
90°-180°	2420.0	50.0
0°-180°	4840.7	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1	1	1	1	1	
5°	40	11	1	11	40	5
15°	104	31	1	31	104	32
25°	210	60	1	60	210	101
35°	431	118	1	118	431	278
45°	808	177	1	177	808	650
55°	1473	227	1	227	1473	1299
65°	1811	277	2	277	1811	1790
75°	1975	286	2	286	1975	2090
85°	2064	281	0	281	2064	1681
90°	2059	278	0	278	2059	1132
95°	2064	281	0	281	2064	1681
105°	1975	286	2	286	1975	2090
115°	1811	277	2	277	1811	1790
125°	1473	227	1	227	1473	1299
135°	808	177	1	177	808	650
145°	431	118	1	118	431	278
155°	210	60	1	60	210	101
165°	104	31	1	31	104	32
175°	40	11	1	11	40	5
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°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
2.5°	18.5	18.7	18.9	19.1	19.3	19.5	19.7	19.1	19.1	19.0	18.9
5°	40.3	40.7	41.1	41.4	41.8	41.2	41.1	40.9	40.7	40.4	40.0
7.5°	57.8	58.4	59.1	59.7	59.5	59.7	59.7	59.7	59.5	59.2	58.9
10°	74.1	75.1	76.0	77.0	76.9	77.3	77.5	77.5	77.5	77.2	76.8
12.5°	86.1	87.6	89.1	90.0	91.0	91.8	92.5	93.0	93.3	93.5	93.4
15°	103.6	105.4	107.3	108.2	109.3	110.2	110.8	111.2	111.4	111.3	111.0
17.5°	127.5	129.2	130.9	131.1	131.8	132.2	132.3	132.2	131.9	131.4	130.8
20°	154.8	155.9	157.1	156.4	156.3	155.9	155.2	154.3	153.2	151.9	150.5
22.5°	182.0	182.5	183.0	181.5	180.5	179.3	177.7	175.9	174.0	171.8	169.6
25°	210.4	210.4	209.3	208.0	206.2	203.9	201.3	198.3	195.0	191.4	187.6
27.5°	245.3	244.7	242.6	240.2	237.1	233.4	229.2	224.4	219.1	213.4	208.1
30°	292.1	290.8	287.3	283.3	278.2	272.2	265.4	257.7	249.2	240.0	232.9
32.5°	358.6	356.2	350.2	343.5	335.3	325.6	314.6	302.4	289.0	276.3	265.1
35°	430.6	427.8	420.6	412.5	402.2	389.9	375.7	359.5	341.6	324.7	307.4
37.5°	512.3	509.0	500.2	490.2	477.6	462.6	445.2	425.5	404.1	382.5	359.3
40°	594.1	591.4	582.5	572.0	558.4	541.6	521.6	498.5	473.6	447.4	419.3
42.5°	692.2	690.3	680.4	668.4	652.2	631.9	607.4	578.8	550.2	519.0	484.7
45°	807.7	806.0	794.2	779.9	760.6	736.4	707.5	678.4	639.7	600.8	559.5
47.5°	964.7	959.0	939.2	916.8	888.9	856.1	819.2	780.3	739.5	694.2	648.7
50°	1129.3	1120.9	1096.0	1067.7	1032.4	990.5	942.8	894.4	845.1	792.3	739.9
52.5°	1316.8	1307.0	1276.2	1240.7	1195.6	1141.4	1078.8	1019.6	954.9	890.4	830.1
55°	1472.6	1466.2	1439.5	1406.9	1363.1	1307.9	1241.3	1162.3	1073.2	994.1	919.7
57.5°	1580.6	1581.5	1565.6	1543.3	1509.7	1463.9	1400.4	1304.2	1207.8	1103.8	1008.8
60°	1676.5	1677.5	1664.2	1647.4	1623.9	1594.2	1527.4	1431.1	1325.0	1212.2	1104.2
62.5°	1737.5	1737.9	1732.7	1721.7	1704.7	1681.9	1616.1	1535.8	1429.8	1313.9	1193.2
65°	1810.6	1808.1	1799.5	1785.8	1767.9	1739.1	1688.3	1618.1	1519.9	1403.0	1275.0
67.5°	1864.0	1861.0	1852.8	1840.0	1823.3	1797.0	1756.2	1694.5	1605.4	1486.1	1352.2
70°	1910.8	1906.8	1897.6	1884.0	1866.1	1842.7	1816.1	1764.0	1687.7	1570.9	1433.3
72.5°	1937.0	1939.7	1936.2	1924.5	1903.4	1878.0	1851.4	1820.0	1750.1	1640.0	1505.9
75°	1975.2	1975.0	1970.2	1958.1	1936.6	1908.1	1879.3	1851.2	1804.3	1695.7	1560.5
77.5°	2014.4	2003.6	1992.2	1977.8	1957.4	1935.7	1909.0	1881.7	1837.2	1750.2	1603.8
80°	2037.3	2025.6	2008.8	1990.1	1969.9	1953.8	1934.4	1911.2	1873.6	1794.7	1643.2
82.5°	2054.7	2037.4	2020.6	2001.0	1987.1	1969.7	1950.5	1928.8	1894.2	1820.3	1684.6
85°	2063.5	2042.6	2024.7	2014.3	1999.5	1982.0	1959.9	1935.4	1903.8	1840.5	1709.3
87.5°	2070.0	2036.3	2033.1	2022.3	2002.8	1984.6	1963.5	1937.9	1908.5	1854.0	1717.0
90°	2059.1	2038.4	2028.6	2019.9	1998.1	1982.8	1963.2	1937.0	1907.6	1856.3	1708.1
92.5°	2070.0	2036.3	2033.1	2022.3	2002.8	1984.6	1963.5	1937.9	1908.5	1854.0	1717.0
95°	2063.5	2042.6	2024.7	2014.3	1999.5	1982.0	1959.9	1935.4	1903.8	1840.5	1709.3
97.5°	2054.7	2037.4	2020.6	2001.0	1987.1	1969.7	1950.5	1928.8	1894.2	1820.3	1684.6
100°	2037.3	2025.6	2008.8	1990.1	1969.9	1953.8	1934.4	1911.2	1873.6	1794.7	1643.2
102.5°	2014.4	2003.6	1992.2	1977.8	1957.4	1935.7	1909.0	1881.7	1837.2	1750.2	1603.8
105°	1975.2	1975.0	1970.2	1958.1	1936.6	1908.1	1879.3	1851.2	1804.3	1695.7	1560.5
107.5°	1937.0	1939.7	1936.2	1924.5	1903.4	1878.0	1851.4	1820.0	1750.1	1640.0	1505.9
110°	1910.8	1906.8	1897.6	1884.0	1866.1	1842.7	1816.1	1764.0	1687.7	1570.9	1433.3



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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°	1864.0	1861.0	1852.8	1840.0	1823.3	1797.0	1756.2	1694.5	1605.4	1486.1	1352.2
115°	1810.6	1808.1	1799.5	1785.8	1767.9	1739.1	1688.3	1618.1	1519.9	1403.0	1275.0
117.5°	1737.5	1737.9	1732.7	1721.7	1704.7	1681.9	1616.1	1535.8	1429.8	1313.9	1193.2
120°	1676.5	1677.5	1664.2	1647.4	1623.9	1594.2	1527.4	1431.1	1325.0	1212.2	1104.2
122.5°	1580.6	1581.5	1565.6	1543.3	1509.7	1463.9	1400.4	1304.2	1207.8	1103.8	1008.8
125°	1472.6	1466.2	1439.5	1406.9	1363.1	1307.9	1241.3	1162.3	1073.2	994.1	919.7
127.5°	1316.8	1307.0	1276.2	1240.7	1195.6	1141.4	1078.8	1019.6	954.9	890.4	830.1
130°	1129.3	1120.9	1096.0	1067.7	1032.4	990.5	942.8	894.4	845.1	792.3	739.9
132.5°	964.7	959.0	939.2	916.8	888.9	856.1	819.2	780.3	739.5	694.2	648.7
135°	807.7	806.0	794.2	779.9	760.6	736.4	707.5	678.4	639.7	600.8	559.5
137.5°	692.2	690.3	680.4	668.4	652.2	631.9	607.4	578.8	550.2	519.0	484.7
140°	594.1	591.4	582.5	572.0	558.4	541.6	521.6	498.5	473.6	447.4	419.3
142.5°	512.3	509.0	500.2	490.2	477.6	462.6	445.2	425.5	404.1	382.5	359.3
145°	430.6	427.8	420.6	412.5	402.2	389.9	375.7	359.5	341.6	324.7	307.4
147.5°	358.6	356.2	350.2	343.5	335.3	325.6	314.6	302.4	289.0	276.3	265.1
150°	292.1	290.8	287.3	283.3	278.2	272.2	265.4	257.7	249.2	240.0	232.9
152.5°	245.3	244.7	242.6	240.2	237.1	233.4	229.2	224.4	219.1	213.4	208.1
155°	210.4	210.4	209.3	208.0	206.2	203.9	201.3	198.3	195.0	191.4	187.6
157.5°	182.0	182.5	183.0	181.5	180.5	179.3	177.7	175.9	174.0	171.8	169.6
160°	154.8	155.9	157.1	156.4	156.3	155.9	155.2	154.3	153.2	151.9	150.5
162.5°	127.5	129.2	130.9	131.1	131.8	132.2	132.3	132.2	131.9	131.4	130.8
165°	103.6	105.4	107.3	108.2	109.3	110.2	110.8	111.2	111.4	111.3	111.0
167.5°	86.1	87.6	89.1	90.0	91.0	91.8	92.5	93.0	93.3	93.5	93.4
170°	74.1	75.1	76.0	77.0	76.9	77.3	77.5	77.5	77.5	77.2	76.8
172.5°	57.8	58.4	59.1	59.7	59.5	59.7	59.7	59.7	59.5	59.2	58.9
175°	40.3	40.7	41.1	41.4	41.8	41.2	41.1	40.9	40.7	40.4	40.0
177.5°	18.5	18.7	18.9	19.1	19.3	19.5	19.7	19.1	19.1	19.0	18.9
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°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
2.5°	18.7	18.5	18.3	18.1	17.8	17.5	17.2	16.8	16.4	16.0	15.5
5°	39.5	38.9	38.3	37.6	36.8	35.9	35.0	34.0	32.9	31.8	30.6
7.5°	58.4	57.7	57.0	56.2	55.2	54.2	53.0	51.8	50.4	48.8	47.0
10°	76.3	75.6	74.8	73.8	72.7	71.4	69.9	68.2	66.4	64.4	62.3
12.5°	93.2	92.7	92.1	91.2	90.1	88.5	86.7	84.7	82.5	80.2	77.7
15°	110.5	109.7	108.7	107.7	106.5	105.0	103.3	101.3	99.0	96.2	93.1
17.5°	130.0	129.0	127.9	126.4	124.7	122.7	120.5	118.0	115.3	112.2	108.9
20°	149.1	147.6	146.1	144.5	142.9	141.1	138.8	135.9	132.7	129.2	125.2
22.5°	167.3	165.1	162.9	160.8	158.7	156.7	154.6	152.5	150.5	146.4	142.1
25°	184.4	181.3	178.2	175.2	172.5	170.1	167.9	165.9	163.6	161.4	159.6
27.5°	203.2	198.2	193.1	188.5	185.0	181.8	179.2	176.6	174.7	172.9	170.8
30°	225.4	217.7	210.4	204.0	198.0	192.0	188.6	185.6	184.2	184.1	183.8
32.5°	253.4	241.1	231.1	222.0	212.8	205.5	201.1	197.8	196.8	195.7	195.3
35°	289.3	272.0	257.9	243.5	232.5	225.5	218.3	214.1	209.9	208.0	206.8
37.5°	334.4	312.5	291.3	275.1	261.4	248.6	239.4	231.4	225.5	221.0	218.4
40°	390.0	362.2	336.9	315.4	295.3	277.4	263.1	250.8	242.3	235.4	230.9
42.5°	452.0	422.2	391.9	363.4	336.4	312.1	289.6	274.1	260.0	251.0	244.2
45°	523.7	485.7	450.5	415.4	382.5	350.3	323.8	298.5	281.9	267.4	258.1
47.5°	602.4	555.8	512.9	470.2	431.5	394.3	359.7	330.6	304.1	286.6	273.1
50°	686.5	633.5	579.3	530.1	483.5	439.5	399.4	362.8	332.7	306.9	288.6
52.5°	769.0	710.5	651.9	592.5	537.4	486.6	439.8	398.3	362.1	330.3	313.8
55°	850.5	783.1	720.1	657.8	593.8	535.0	480.1	434.4	400.1	371.8	349.9
57.5°	929.8	854.7	783.1	716.9	652.0	584.9	529.9	482.3	442.3	412.0	387.8
60°	1003.9	921.2	844.2	769.7	706.5	643.1	580.6	527.5	484.4	450.7	424.7
62.5°	1079.3	979.4	899.8	826.5	756.7	693.9	629.8	572.5	524.1	485.1	459.5
65°	1149.0	1042.9	950.9	875.4	803.5	737.1	674.1	612.2	561.1	519.9	492.1
67.5°	1224.1	1107.0	1004.6	917.1	843.3	774.8	712.0	650.4	596.9	553.1	521.2
70°	1296.1	1166.6	1054.6	954.2	876.6	807.8	744.3	683.7	628.2	582.9	547.1
72.5°	1358.1	1219.3	1096.5	991.0	903.4	833.8	771.6	714.1	655.7	610.7	574.3
75°	1413.5	1264.5	1130.4	1019.6	923.5	853.7	792.3	732.7	677.5	632.7	598.4
77.5°	1457.3	1299.6	1158.2	1045.2	945.0	866.2	803.5	746.7	694.1	650.8	619.4
80°	1489.5	1338.4	1194.8	1069.8	961.3	874.3	810.4	756.2	706.8	665.5	637.7
82.5°	1521.0	1369.7	1221.6	1089.6	972.6	878.2	813.4	761.8	716.1	677.3	653.8
85°	1540.4	1388.3	1238.4	1103.7	978.6	878.1	813.0	764.1	722.6	686.9	668.3
87.5°	1547.2	1400.1	1249.9	1115.2	982.0	875.8	810.6	764.3	727.4	695.2	681.7
90°	1541.3	1388.7	1242.7	1110.8	973.4	866.6	803.4	760.9	729.2	702.0	694.4
92.5°	1547.2	1400.1	1249.9	1115.2	982.0	875.8	810.6	764.3	727.4	695.2	681.7
95°	1540.4	1388.3	1238.4	1103.7	978.6	878.1	813.0	764.1	722.6	686.9	668.3
97.5°	1521.0	1369.7	1221.6	1089.6	972.6	878.2	813.4	761.8	716.1	677.3	653.8
100°	1489.5	1338.4	1194.8	1069.8	961.3	874.3	810.4	756.2	706.8	665.5	637.7
102.5°	1457.3	1299.6	1158.2	1045.2	945.0	866.2	803.5	746.7	694.1	650.8	619.4
105°	1413.5	1264.5	1130.4	1019.6	923.5	853.7	792.3	732.7	677.5	632.7	598.4
107.5°	1358.1	1219.3	1096.5	991.0	903.4	833.8	771.6	714.1	655.7	610.7	574.3
110°	1296.1	1166.6	1054.6	954.2	876.6	807.8	744.3	683.7	628.2	582.9	547.1



TEST NUMBER: P231955

CATALOG NUMBER: FVS4WM-4-LD4-50-1HI-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°	1224.1	1107.0	1004.6	917.1	843.3	774.8	712.0	650.4	596.9	553.1	521.2
115°	1149.0	1042.9	950.9	875.4	803.5	737.1	674.1	612.2	561.1	519.9	492.1
117.5°	1079.3	979.4	899.8	826.5	756.7	693.9	629.8	572.5	524.1	485.1	459.5
120°	1003.9	921.2	844.2	769.7	706.5	643.1	580.6	527.5	484.4	450.7	424.7
122.5°	929.8	854.7	783.1	716.9	652.0	584.9	529.9	482.3	442.3	412.0	387.8
125°	850.5	783.1	720.1	657.8	593.8	535.0	480.1	434.4	400.1	371.8	349.9
127.5°	769.0	710.5	651.9	592.5	537.4	486.6	439.8	398.3	362.1	330.3	313.8
130°	686.5	633.5	579.3	530.1	483.5	439.5	399.4	362.8	332.7	306.9	288.6
132.5°	602.4	555.8	512.9	470.2	431.5	394.3	359.7	330.6	304.1	286.6	273.1
135°	523.7	485.7	450.5	415.4	382.5	350.3	323.8	298.5	281.9	267.4	258.1
137.5°	452.0	422.2	391.9	363.4	336.4	312.1	289.6	274.1	260.0	251.0	244.2
140°	390.0	362.2	336.9	315.4	295.3	277.4	263.1	250.8	242.3	235.4	230.9
142.5°	334.4	312.5	291.3	275.1	261.4	248.6	239.4	231.4	225.5	221.0	218.4
145°	289.3	272.0	257.9	243.5	232.5	225.5	218.3	214.1	209.9	208.0	206.8
147.5°	253.4	241.1	231.1	222.0	212.8	205.5	201.1	197.8	196.8	195.7	195.3
150°	225.4	217.7	210.4	204.0	198.0	192.0	188.6	185.6	184.2	184.1	183.8
152.5°	203.2	198.2	193.1	188.5	185.0	181.8	179.2	176.6	174.7	172.9	170.8
155°	184.4	181.3	178.2	175.2	172.5	170.1	167.9	165.9	163.6	161.4	159.6
157.5°	167.3	165.1	162.9	160.8	158.7	156.7	154.6	152.5	150.5	146.4	142.1
160°	149.1	147.6	146.1	144.5	142.9	141.1	138.8	135.9	132.7	129.2	125.2
162.5°	130.0	129.0	127.9	126.4	124.7	122.7	120.5	118.0	115.3	112.2	108.9
165°	110.5	109.7	108.7	107.7	106.5	105.0	103.3	101.3	99.0	96.2	93.1
167.5°	93.2	92.7	92.1	91.2	90.1	88.5	86.7	84.7	82.5	80.2	77.7
170°	76.3	75.6	74.8	73.8	72.7	71.4	69.9	68.2	66.4	64.4	62.3
172.5°	58.4	57.7	57.0	56.2	55.2	54.2	53.0	51.8	50.4	48.8	47.0
175°	39.5	38.9	38.3	37.6	36.8	35.9	35.0	34.0	32.9	31.8	30.6
177.5°	18.7	18.5	18.3	18.1	17.8	17.5	17.2	16.8	16.4	16.0	15.5
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: P231955

CATALOG NUMBER: FVS4WM-4-LD4-50-1HI-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
2.5°	15.0	14.5	14.0	13.4	12.9	12.3	11.6	11.0	10.3	9.7	9.0
5°	29.3	28.0	26.7	25.6	24.4	23.2	22.0	20.7	19.4	18.1	16.8
7.5°	45.1	43.2	41.2	39.0	36.9	34.6	32.3	30.3	28.4	26.5	24.4
10°	60.1	57.8	55.5	52.5	49.7	46.7	43.7	40.6	37.4	34.7	32.0
12.5°	74.9	71.9	68.8	65.5	62.1	58.5	54.8	51.0	47.0	43.1	39.5
15°	89.8	86.3	83.1	78.6	74.4	70.1	65.6	61.1	56.5	51.8	47.0
17.5°	105.7	101.0	96.6	92.0	87.1	81.9	76.6	71.1	65.7	60.4	54.9
20°	120.9	116.1	111.0	105.6	99.9	94.0	87.8	81.4	74.8	68.7	62.6
22.5°	137.5	132.0	126.1	119.7	113.1	106.3	99.2	91.9	84.3	76.9	70.2
25°	153.7	148.2	142.0	134.6	127.7	120.9	113.9	106.6	99.3	91.7	84.8
27.5°	169.4	165.5	159.9	153.9	146.7	139.2	131.7	123.8	115.9	107.9	100.2
30°	182.7	181.2	177.6	171.5	164.9	157.1	149.1	140.8	132.6	123.8	115.5
32.5°	195.0	194.0	192.4	188.2	181.7	174.3	166.1	157.4	148.2	139.3	130.6
35°	206.1	205.8	204.7	203.0	197.6	190.6	182.4	174.3	164.1	154.5	145.5
37.5°	217.1	216.6	216.3	214.9	213.4	205.7	198.0	189.4	179.7	169.3	160.2
40°	228.3	227.0	226.7	226.4	224.8	220.3	212.9	204.4	195.1	184.3	174.6
42.5°	239.7	237.8	236.8	236.8	236.0	234.5	227.0	218.9	210.2	199.0	188.7
45°	252.1	248.1	247.0	246.7	246.8	245.5	240.5	232.8	224.3	213.6	202.5
47.5°	263.8	259.5	257.0	256.2	256.7	258.2	260.0	256.5	251.8	243.8	231.7
50°	277.7	271.6	273.5	278.4	284.1	289.8	294.0	291.9	288.0	280.9	265.6
52.5°	303.8	300.7	302.7	307.1	313.4	320.5	325.9	326.6	323.8	318.7	300.2
55°	336.6	331.2	331.0	335.1	342.2	350.3	357.3	360.8	359.1	355.5	335.3
57.5°	370.5	360.8	358.5	363.0	370.6	379.5	388.2	394.5	394.0	391.2	371.0
60°	403.3	390.7	387.6	390.7	398.4	408.3	418.5	427.3	428.2	426.6	407.1
62.5°	437.5	422.6	416.2	417.8	425.6	436.8	448.4	458.7	462.0	461.6	443.6
65°	470.7	453.5	444.2	444.3	452.3	464.9	477.8	489.7	495.5	496.5	480.4
67.5°	502.0	483.5	471.6	471.4	479.6	492.8	507.0	520.4	528.7	531.0	517.4
70°	531.3	513.5	501.2	498.5	504.2	515.3	527.4	538.8	545.5	542.3	523.8
72.5°	555.4	537.2	522.2	517.0	520.9	530.0	540.0	549.8	556.6	549.1	525.9
75°	576.2	557.8	541.6	535.1	538.0	545.3	553.3	560.9	568.3	556.8	527.8
77.5°	596.9	578.0	560.2	553.0	555.5	561.3	567.3	572.2	580.4	565.3	529.4
80°	617.3	597.6	578.3	570.8	573.3	577.8	581.8	583.7	592.9	574.4	530.9
82.5°	637.4	616.7	595.9	588.3	591.4	594.7	596.6	595.3	605.5	583.6	534.1
85°	657.0	635.2	613.0	605.8	609.6	611.8	611.9	606.7	618.8	594.0	533.7
87.5°	676.4	653.5	629.9	623.3	628.0	629.1	626.9	618.9	630.9	602.2	533.4
90°	694.4	670.4	646.4	640.9	646.4	646.4	642.0	631.1	643.1	610.4	533.0
92.5°	676.4	653.5	629.9	623.3	628.0	629.1	626.9	618.9	630.9	602.2	533.4
95°	657.0	635.2	613.0	605.8	609.6	611.8	611.9	606.7	618.8	594.0	533.7
97.5°	637.4	616.7	595.9	588.3	591.4	594.7	596.6	595.3	605.5	583.6	534.1
100°	617.3	597.6	578.3	570.8	573.3	577.8	581.8	583.7	592.9	574.4	530.9
102.5°	596.9	578.0	560.2	553.0	555.5	561.3	567.3	572.2	580.4	565.3	529.4
105°	576.2	557.8	541.6	535.1	538.0	545.3	553.3	560.9	568.3	556.8	527.8
107.5°	555.4	537.2	522.2	517.0	520.9	530.0	540.0	549.8	556.6	549.1	525.9
110°	531.3	513.5	501.2	498.5	504.2	515.3	527.4	538.8	545.5	542.3	523.8



TEST NUMBER: P231955

CATALOG NUMBER: FVS4WM-4-LD4-50-1HI-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
112.5°	502.0	483.5	471.6	471.4	479.6	492.8	507.0	520.4	528.7	531.0	517.4
115°	470.7	453.5	444.2	444.3	452.3	464.9	477.8	489.7	495.5	496.5	480.4
117.5°	437.5	422.6	416.2	417.8	425.6	436.8	448.4	458.7	462.0	461.6	443.6
120°	403.3	390.7	387.6	390.7	398.4	408.3	418.5	427.3	428.2	426.6	407.1
122.5°	370.5	360.8	358.5	363.0	370.6	379.5	388.2	394.5	394.0	391.2	371.0
125°	336.6	331.2	331.0	335.1	342.2	350.3	357.3	360.8	359.1	355.5	335.3
127.5°	303.8	300.7	302.7	307.1	313.4	320.5	325.9	326.6	323.8	318.7	300.2
130°	277.7	271.6	273.5	278.4	284.1	289.8	294.0	291.9	288.0	280.9	265.6
132.5°	263.8	259.5	257.0	256.2	256.7	258.2	260.0	256.5	251.8	243.8	231.7
135°	252.1	248.1	247.0	246.7	246.8	245.5	240.5	232.8	224.3	213.6	202.5
137.5°	239.7	237.8	236.8	236.8	236.0	234.5	227.0	218.9	210.2	199.0	188.7
140°	228.3	227.0	226.7	226.4	224.8	220.3	212.9	204.4	195.1	184.3	174.6
142.5°	217.1	216.6	216.3	214.9	213.4	205.7	198.0	189.4	179.7	169.3	160.2
145°	206.1	205.8	204.7	203.0	197.6	190.6	182.4	174.3	164.1	154.5	145.5
147.5°	195.0	194.0	192.4	188.2	181.7	174.3	166.1	157.4	148.2	139.3	130.6
150°	182.7	181.2	177.6	171.5	164.9	157.1	149.1	140.8	132.6	123.8	115.5
152.5°	169.4	165.5	159.9	153.9	146.7	139.2	131.7	123.8	115.9	107.9	100.2
155°	153.7	148.2	142.0	134.6	127.7	120.9	113.9	106.6	99.3	91.7	84.8
157.5°	137.5	132.0	126.1	119.7	113.1	106.3	99.2	91.9	84.3	76.9	70.2
160°	120.9	116.1	111.0	105.6	99.9	94.0	87.8	81.4	74.8	68.7	62.6
162.5°	105.7	101.0	96.6	92.0	87.1	81.9	76.6	71.1	65.7	60.4	54.9
165°	89.8	86.3	83.1	78.6	74.4	70.1	65.6	61.1	56.5	51.8	47.0
167.5°	74.9	71.9	68.8	65.5	62.1	58.5	54.8	51.0	47.0	43.1	39.5
170°	60.1	57.8	55.5	52.5	49.7	46.7	43.7	40.6	37.4	34.7	32.0
172.5°	45.1	43.2	41.2	39.0	36.9	34.6	32.3	30.3	28.4	26.5	24.4
175°	29.3	28.0	26.7	25.6	24.4	23.2	22.0	20.7	19.4	18.1	16.8
177.5°	15.0	14.5	14.0	13.4	12.9	12.3	11.6	11.0	10.3	9.7	9.0
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: P231955

CATALOG NUMBER: FVS4WM-4-LD4-50-1HI-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
0°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
2.5°	8.3	7.5	6.8	6.1	6.0	6.0	6.0	5.9	5.9	5.8	5.7
5°	15.4	13.9	12.5	11.0	11.0	10.9	10.8	10.6	10.5	10.3	10.2
7.5°	22.4	20.3	18.2	16.0	15.8	15.7	15.4	15.2	15.0	14.7	14.4
10°	29.3	26.6	23.8	21.0	20.7	20.4	20.0	19.7	19.3	18.9	18.6
12.5°	36.2	32.8	29.4	25.9	25.5	25.1	24.6	24.0	23.5	23.2	22.8
15°	43.0	39.0	35.0	30.9	30.3	29.7	29.0	28.3	27.9	27.4	26.9
17.5°	49.7	45.2	40.6	35.9	35.1	34.2	33.3	32.7	32.2	31.6	31.0
20°	56.4	51.3	46.1	40.8	39.8	38.7	37.6	37.0	36.4	35.8	35.0
22.5°	63.4	57.3	51.6	45.8	44.5	43.1	42.0	41.4	40.6	39.9	39.0
25°	78.1	71.7	66.1	60.3	59.1	57.6	56.3	55.2	53.6	51.5	49.3
27.5°	93.1	86.2	80.6	74.9	73.8	72.4	71.5	70.4	68.5	66.0	63.1
30°	108.0	100.5	95.1	89.4	88.5	87.4	86.8	85.9	83.2	80.3	76.2
32.5°	122.7	114.9	109.4	103.9	103.3	102.5	102.2	100.9	97.8	93.8	88.6
35°	137.1	129.3	123.6	118.5	118.2	117.8	117.7	115.8	112.1	106.6	100.4
37.5°	151.4	143.5	137.7	133.0	133.1	133.1	133.3	130.5	126.5	118.9	111.1
40°	165.5	157.5	151.7	147.5	148.0	148.5	149.1	145.1	139.2	130.7	121.1
42.5°	179.4	171.5	165.6	162.1	163.0	163.9	164.8	159.6	151.9	142.4	130.4
45°	193.4	185.3	179.5	176.6	178.0	179.5	179.7	174.0	164.2	152.3	139.0
47.5°	219.2	206.9	196.4	189.2	187.4	186.3	184.1	178.1	167.8	156.1	143.6
50°	247.5	229.5	213.6	201.8	196.5	192.4	187.2	179.3	168.3	156.4	144.7
52.5°	276.8	252.7	231.2	214.4	205.4	198.0	190.0	180.3	168.9	157.2	146.7
55°	307.0	276.6	249.0	227.0	214.0	203.2	192.6	181.4	169.7	158.5	149.5
57.5°	338.1	300.9	267.0	239.6	222.4	208.1	195.0	182.6	170.9	160.4	153.1
60°	370.0	325.7	285.3	252.2	230.7	212.6	197.2	183.9	172.4	163.3	157.6
62.5°	402.5	350.8	303.8	264.8	238.8	216.9	199.3	185.2	174.2	166.8	163.2
65°	435.5	376.3	322.4	277.4	246.8	221.0	201.3	186.7	176.4	170.8	169.6
67.5°	469.0	402.1	341.1	290.0	254.6	224.9	203.2	188.2	178.9	175.3	176.5
70°	472.4	403.2	340.6	288.7	252.8	223.1	201.8	187.2	178.5	176.0	178.9
72.5°	473.1	403.3	339.8	287.3	250.9	221.4	200.4	185.9	177.5	175.1	178.0
75°	473.3	403.1	340.8	286.0	249.1	219.7	199.1	184.8	176.5	174.2	177.1
77.5°	473.1	402.7	339.2	284.7	247.4	218.2	197.9	183.7	175.6	173.2	175.9
80°	472.4	404.1	337.7	283.3	245.7	216.9	196.9	182.7	174.8	172.1	174.7
82.5°	473.1	402.3	336.1	282.0	244.1	215.6	196.0	181.8	174.0	171.0	173.4
85°	470.5	400.4	334.5	280.7	242.6	214.5	195.2	181.1	173.3	170.0	172.0
87.5°	468.0	398.6	333.0	279.3	241.2	213.5	194.5	180.4	172.7	168.9	170.5
90°	465.4	396.8	331.4	278.0	239.8	212.6	194.0	179.9	172.2	167.9	169.0
92.5°	468.0	398.6	333.0	279.3	241.2	213.5	194.5	180.4	172.7	168.9	170.5
95°	470.5	400.4	334.5	280.7	242.6	214.5	195.2	181.1	173.3	170.0	172.0
97.5°	473.1	402.3	336.1	282.0	244.1	215.6	196.0	181.8	174.0	171.0	173.4
100°	472.4	404.1	337.7	283.3	245.7	216.9	196.9	182.7	174.8	172.1	174.7
102.5°	473.1	402.7	339.2	284.7	247.4	218.2	197.9	183.7	175.6	173.2	175.9
105°	473.3	403.1	340.8	286.0	249.1	219.7	199.1	184.8	176.5	174.2	177.1
107.5°	473.1	403.3	339.8	287.3	250.9	221.4	200.4	185.9	177.5	175.1	178.0
110°	472.4	403.2	340.6	288.7	252.8	223.1	201.8	187.2	178.5	176.0	178.9



TEST NUMBER: P231955

CATALOG NUMBER: FVS4WM-4-LD4-50-1HI-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°	469.0	402.1	341.1	290.0	254.6	224.9	203.2	188.2	178.9	175.3	176.5
115°	435.5	376.3	322.4	277.4	246.8	221.0	201.3	186.7	176.4	170.8	169.6
117.5°	402.5	350.8	303.8	264.8	238.8	216.9	199.3	185.2	174.2	166.8	163.2
120°	370.0	325.7	285.3	252.2	230.7	212.6	197.2	183.9	172.4	163.3	157.6
122.5°	338.1	300.9	267.0	239.6	222.4	208.1	195.0	182.6	170.9	160.4	153.1
125°	307.0	276.6	249.0	227.0	214.0	203.2	192.6	181.4	169.7	158.5	149.5
127.5°	276.8	252.7	231.2	214.4	205.4	198.0	190.0	180.3	168.9	157.2	146.7
130°	247.5	229.5	213.6	201.8	196.5	192.4	187.2	179.3	168.3	156.4	144.7
132.5°	219.2	206.9	196.4	189.2	187.4	186.3	184.1	178.1	167.8	156.1	143.6
135°	193.4	185.3	179.5	176.6	178.0	179.5	179.7	174.0	164.2	152.3	139.0
137.5°	179.4	171.5	165.6	162.1	163.0	163.9	164.8	159.6	151.9	142.4	130.4
140°	165.5	157.5	151.7	147.5	148.0	148.5	149.1	145.1	139.2	130.7	121.1
142.5°	151.4	143.5	137.7	133.0	133.1	133.1	133.3	130.5	126.5	118.9	111.1
145°	137.1	129.3	123.6	118.5	118.2	117.8	117.7	115.8	112.1	106.6	100.4
147.5°	122.7	114.9	109.4	103.9	103.3	102.5	102.2	100.9	97.8	93.8	88.6
150°	108.0	100.5	95.1	89.4	88.5	87.4	86.8	85.9	83.2	80.3	76.2
152.5°	93.1	86.2	80.6	74.9	73.8	72.4	71.5	70.4	68.5	66.0	63.1
155°	78.1	71.7	66.1	60.3	59.1	57.6	56.3	55.2	53.6	51.5	49.3
157.5°	63.4	57.3	51.6	45.8	44.5	43.1	42.0	41.4	40.6	39.9	39.0
160°	56.4	51.3	46.1	40.8	39.8	38.7	37.6	37.0	36.4	35.8	35.0
162.5°	49.7	45.2	40.6	35.9	35.1	34.2	33.3	32.7	32.2	31.6	31.0
165°	43.0	39.0	35.0	30.9	30.3	29.7	29.0	28.3	27.9	27.4	26.9
167.5°	36.2	32.8	29.4	25.9	25.5	25.1	24.6	24.0	23.5	23.2	22.8
170°	29.3	26.6	23.8	21.0	20.7	20.4	20.0	19.7	19.3	18.9	18.6
172.5°	22.4	20.3	18.2	16.0	15.8	15.7	15.4	15.2	15.0	14.7	14.4
175°	15.4	13.9	12.5	11.0	11.0	10.9	10.8	10.6	10.5	10.3	10.2
177.5°	8.3	7.5	6.8	6.1	6.0	6.0	6.0	5.9	5.9	5.8	5.7
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: P231955

CATALOG NUMBER: FVS4WM-4-LD4-50-1HI-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
0°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
2.5°	5.6	5.6	5.5	5.4	5.2	5.1	5.0	4.9	4.7	4.6	4.4
5°	10.0	9.8	9.5	9.3	9.1	8.8	8.6	8.4	8.1	7.8	7.5
7.5°	14.1	13.8	13.5	13.2	12.9	12.6	12.2	11.8	11.4	11.0	10.6
10°	18.2	17.9	17.5	17.1	16.7	16.2	15.7	15.2	14.7	14.1	13.5
12.5°	22.4	21.9	21.4	20.9	20.3	19.7	19.1	18.5	17.8	17.1	16.4
15°	26.4	25.8	25.2	24.6	23.9	23.2	22.4	21.6	20.8	20.0	19.2
17.5°	30.4	29.7	28.9	28.2	27.4	26.5	25.6	24.7	23.8	22.9	21.9
20°	34.3	33.5	32.6	31.7	30.8	29.8	28.8	27.8	26.7	25.6	24.5
22.5°	38.2	37.2	36.2	35.2	34.2	33.1	31.9	30.8	29.5	28.3	27.0
25°	46.7	44.0	41.3	38.7	37.5	36.2	34.9	33.6	32.3	30.9	29.4
27.5°	59.7	56.2	52.7	49.1	45.7	42.4	39.3	36.4	34.9	33.4	31.8
30°	71.9	67.4	62.8	58.5	54.2	50.3	46.6	43.1	39.8	36.7	34.2
32.5°	83.1	77.4	71.9	66.6	61.6	57.1	52.8	48.9	45.3	41.8	38.5
35°	93.4	86.5	79.9	73.7	68.1	62.9	58.3	54.0	49.9	46.0	42.5
37.5°	102.7	94.7	86.9	80.1	73.7	68.2	63.1	58.3	53.8	49.6	46.0
40°	111.3	102.0	93.4	85.6	79.0	72.8	67.2	61.9	57.1	52.9	49.4
42.5°	119.2	108.5	99.2	90.9	83.6	77.0	70.8	65.1	60.2	56.1	51.9
45°	126.4	114.8	104.3	95.8	87.8	80.5	73.9	68.0	63.2	58.5	53.9
47.5°	131.6	120.3	109.5	100.1	91.7	83.8	76.6	71.0	65.6	60.4	55.5
50°	133.7	123.9	115.0	106.0	96.6	87.0	79.6	73.5	67.5	61.9	56.6
52.5°	137.4	129.1	121.8	113.8	104.9	95.4	86.5	77.7	69.1	62.9	57.0
55°	142.1	135.8	129.9	122.7	113.7	104.2	94.6	85.2	75.7	66.4	57.8
57.5°	147.9	143.7	138.8	132.1	123.1	112.8	102.5	92.2	82.0	71.8	63.0
60°	154.6	152.4	148.5	141.7	132.3	121.2	110.2	99.0	87.7	77.1	67.7
62.5°	162.3	162.1	159.0	151.9	141.3	129.5	117.6	105.5	92.9	82.2	72.1
65°	170.9	172.2	170.2	162.4	150.3	137.7	124.9	111.4	98.3	86.9	76.1
67.5°	180.1	182.7	180.7	172.6	159.3	145.9	132.0	117.0	103.7	91.5	80.1
70°	184.5	189.1	188.8	181.7	168.2	154.0	139.1	122.5	109.0	95.9	84.0
72.5°	183.8	188.4	188.2	181.5	170.4	157.7	143.1	127.4	114.1	100.3	87.7
75°	182.9	187.9	188.1	182.2	172.4	160.0	144.9	129.3	115.1	101.9	89.8
77.5°	181.9	187.4	188.4	183.8	175.1	162.8	147.3	131.3	116.5	103.0	90.8
80°	180.9	187.1	189.0	186.0	178.4	166.0	150.1	133.4	118.2	104.4	92.2
82.5°	179.7	186.7	189.9	188.7	182.1	169.7	153.5	135.9	120.4	106.2	94.0
85°	178.4	186.3	190.9	191.8	186.2	173.8	157.4	138.8	123.0	108.4	96.3
87.5°	177.0	185.9	191.9	195.1	190.5	178.3	161.9	142.1	126.0	111.2	99.2
90°	175.5	185.3	192.9	198.4	195.1	183.1	166.8	146.1	129.7	114.5	102.5
92.5°	177.0	185.9	191.9	195.1	190.5	178.3	161.9	142.1	126.0	111.2	99.2
95°	178.4	186.3	190.9	191.8	186.2	173.8	157.4	138.8	123.0	108.4	96.3
97.5°	179.7	186.7	189.9	188.7	182.1	169.7	153.5	135.9	120.4	106.2	94.0
100°	180.9	187.1	189.0	186.0	178.4	166.0	150.1	133.4	118.2	104.4	92.2
102.5°	181.9	187.4	188.4	183.8	175.1	162.8	147.3	131.3	116.5	103.0	90.8
105°	182.9	187.9	188.1	182.2	172.4	160.0	144.9	129.3	115.1	101.9	89.8
107.5°	183.8	188.4	188.2	181.5	170.4	157.7	143.1	127.4	114.1	100.3	87.7
110°	184.5	189.1	188.8	181.7	168.2	154.0	139.1	122.5	109.0	95.9	84.0



TEST NUMBER: P231955

CATALOG NUMBER: FVS4WM-4-LD4-50-1HI-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
112.5°	180.1	182.7	180.7	172.6	159.3	145.9	132.0	117.0	103.7	91.5	80.1
115°	170.9	172.2	170.2	162.4	150.3	137.7	124.9	111.4	98.3	86.9	76.1
117.5°	162.3	162.1	159.0	151.9	141.3	129.5	117.6	105.5	92.9	82.2	72.1
120°	154.6	152.4	148.5	141.7	132.3	121.2	110.2	99.0	87.7	77.1	67.7
122.5°	147.9	143.7	138.8	132.1	123.1	112.8	102.5	92.2	82.0	71.8	63.0
125°	142.1	135.8	129.9	122.7	113.7	104.2	94.6	85.2	75.7	66.4	57.8
127.5°	137.4	129.1	121.8	113.8	104.9	95.4	86.5	77.7	69.1	62.9	57.0
130°	133.7	123.9	115.0	106.0	96.6	87.0	79.6	73.5	67.5	61.9	56.6
132.5°	131.6	120.3	109.5	100.1	91.7	83.8	76.6	71.0	65.6	60.4	55.5
135°	126.4	114.8	104.3	95.8	87.8	80.5	73.9	68.0	63.2	58.5	53.9
137.5°	119.2	108.5	99.2	90.9	83.6	77.0	70.8	65.1	60.2	56.1	51.9
140°	111.3	102.0	93.4	85.6	79.0	72.8	67.2	61.9	57.1	52.9	49.4
142.5°	102.7	94.7	86.9	80.1	73.7	68.2	63.1	58.3	53.8	49.6	46.0
145°	93.4	86.5	79.9	73.7	68.1	62.9	58.3	54.0	49.9	46.0	42.5
147.5°	83.1	77.4	71.9	66.6	61.6	57.1	52.8	48.9	45.3	41.8	38.5
150°	71.9	67.4	62.8	58.5	54.2	50.3	46.6	43.1	39.8	36.7	34.2
152.5°	59.7	56.2	52.7	49.1	45.7	42.4	39.3	36.4	34.9	33.4	31.8
155°	46.7	44.0	41.3	38.7	37.5	36.2	34.9	33.6	32.3	30.9	29.4
157.5°	38.2	37.2	36.2	35.2	34.2	33.1	31.9	30.8	29.5	28.3	27.0
160°	34.3	33.5	32.6	31.7	30.8	29.8	28.8	27.8	26.7	25.6	24.5
162.5°	30.4	29.7	28.9	28.2	27.4	26.5	25.6	24.7	23.8	22.9	21.9
165°	26.4	25.8	25.2	24.6	23.9	23.2	22.4	21.6	20.8	20.0	19.2
167.5°	22.4	21.9	21.4	20.9	20.3	19.7	19.1	18.5	17.8	17.1	16.4
170°	18.2	17.9	17.5	17.1	16.7	16.2	15.7	15.2	14.7	14.1	13.5
172.5°	14.1	13.8	13.5	13.2	12.9	12.6	12.2	11.8	11.4	11.0	10.6
175°	10.0	9.8	9.5	9.3	9.1	8.8	8.6	8.4	8.1	7.8	7.5
177.5°	5.6	5.6	5.5	5.4	5.2	5.1	5.0	4.9	4.7	4.6	4.4
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: P231955

CATALOG NUMBER: FVS4WM-4-LD4-50-1HI-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
0°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
2.5°	4.3	4.1	3.9	3.8	3.6	3.4	3.2	3.1	2.9	2.7	2.5
5°	7.2	6.9	6.6	6.3	6.0	5.6	5.3	4.9	4.5	4.2	3.8
7.5°	10.2	9.7	9.2	8.7	8.2	7.7	7.2	6.7	6.2	5.6	5.1
10°	13.0	12.3	11.7	11.1	10.4	9.8	9.1	8.4	7.7	7.0	6.3
12.5°	15.7	14.9	14.1	13.3	12.5	11.7	10.9	10.0	9.2	8.3	7.4
15°	18.3	17.4	16.5	15.5	14.6	13.6	12.6	11.6	10.6	9.6	8.5
17.5°	20.9	19.8	18.7	17.6	16.5	15.4	14.3	13.1	12.0	10.8	9.6
20°	23.3	22.1	20.9	19.7	18.4	17.2	15.9	14.6	13.3	11.9	10.6
22.5°	25.7	24.4	23.0	21.6	20.2	18.8	17.4	16.0	14.5	13.0	11.6
25°	28.0	26.5	25.0	23.5	22.0	20.4	18.9	17.3	15.7	14.1	12.5
27.5°	30.2	28.6	27.0	25.4	23.7	22.0	20.3	18.6	16.9	15.3	13.6
30°	32.4	30.7	28.9	27.1	25.3	23.7	22.1	20.4	18.6	16.7	14.7
32.5°	35.4	32.7	30.9	29.3	27.6	25.8	23.8	21.8	19.7	17.8	15.8
35°	39.1	36.4	33.9	31.6	29.5	27.3	25.4	23.4	21.4	19.3	17.1
37.5°	42.9	39.9	36.8	33.8	31.5	29.6	27.5	25.1	22.7	20.3	18.0
40°	45.8	42.3	39.2	36.5	34.0	31.4	28.9	26.4	23.9	21.3	18.8
42.5°	47.9	44.5	41.3	38.2	35.2	32.6	30.2	27.6	25.0	22.3	19.7
45°	49.8	46.0	42.3	39.0	36.0	33.3	30.9	28.7	25.8	22.8	19.8
47.5°	51.0	46.7	42.9	39.5	36.4	33.6	31.0	28.4	25.9	22.8	19.8
50°	51.6	47.1	43.2	39.6	36.4	33.3	30.4	27.6	25.2	22.8	19.7
52.5°	51.9	47.3	43.1	39.3	35.9	32.5	29.3	26.7	24.3	22.3	20.1
55°	52.0	47.1	42.7	38.9	35.0	31.4	28.6	26.1	23.9	21.9	19.8
57.5°	54.8	47.1	42.4	37.9	33.9	30.8	28.1	25.6	23.2	20.8	18.7
60°	58.9	51.1	43.7	36.7	33.4	30.3	27.5	24.7	22.3	20.0	18.0
62.5°	62.8	54.5	46.2	39.7	33.9	29.8	26.7	24.1	21.7	19.9	18.0
65°	66.5	57.3	49.2	42.4	36.2	30.8	26.3	23.9	22.1	19.8	17.3
67.5°	69.8	60.1	52.0	44.7	38.5	32.9	28.1	24.7	22.2	19.4	16.3
70°	73.0	63.1	54.5	46.9	40.6	34.7	30.0	25.9	22.2	18.5	15.3
72.5°	76.2	66.0	56.9	49.4	42.6	36.3	31.2	26.1	21.6	17.7	14.5
75°	78.9	68.8	59.3	51.9	44.2	37.7	31.4	25.7	20.8	16.7	13.7
77.5°	79.8	69.7	61.0	53.6	45.8	38.6	31.2	25.0	20.0	15.4	11.7
80°	81.0	70.8	62.1	54.0	46.1	38.5	31.0	24.6	19.0	13.5	9.2
82.5°	82.7	72.3	63.5	54.8	46.5	38.4	31.0	24.6	18.1	11.9	7.0
85°	84.8	74.2	65.2	56.1	47.2	38.8	31.4	25.0	18.0	11.7	6.6
87.5°	87.4	76.7	67.3	57.8	48.4	39.8	32.3	25.9	18.4	12.0	6.8
90°	90.5	79.6	69.8	60.0	50.1	41.4	33.8	27.3	19.6	13.1	7.6
92.5°	87.4	76.7	67.3	57.8	48.4	39.8	32.3	25.9	18.4	12.0	6.8
95°	84.8	74.2	65.2	56.1	47.2	38.8	31.4	25.0	18.0	11.7	6.6
97.5°	82.7	72.3	63.5	54.8	46.5	38.4	31.0	24.6	18.1	11.9	7.0
100°	81.0	70.8	62.1	54.0	46.1	38.5	31.0	24.6	19.0	13.5	9.2
102.5°	79.8	69.7	61.0	53.6	45.8	38.6	31.2	25.0	20.0	15.4	11.7
105°	78.9	68.8	59.3	51.9	44.2	37.7	31.4	25.7	20.8	16.7	13.7
107.5°	76.2	66.0	56.9	49.4	42.6	36.3	31.2	26.1	21.6	17.7	14.5
110°	73.0	63.1	54.5	46.9	40.6	34.7	30.0	25.9	22.2	18.5	15.3



TEST NUMBER: P231955

CATALOG NUMBER: FVS4WM-4-LD4-50-1HI-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°	69.8	60.1	52.0	44.7	38.5	32.9	28.1	24.7	22.2	19.4	16.3
115°	66.5	57.3	49.2	42.4	36.2	30.8	26.3	23.9	22.1	19.8	17.3
117.5°	62.8	54.5	46.2	39.7	33.9	29.8	26.7	24.1	21.7	19.9	18.0
120°	58.9	51.1	43.7	36.7	33.4	30.3	27.5	24.7	22.3	20.0	18.0
122.5°	54.8	47.1	42.4	37.9	33.9	30.8	28.1	25.6	23.2	20.8	18.7
125°	52.0	47.1	42.7	38.9	35.0	31.4	28.6	26.1	23.9	21.9	19.8
127.5°	51.9	47.3	43.1	39.3	35.9	32.5	29.3	26.7	24.3	22.3	20.1
130°	51.6	47.1	43.2	39.6	36.4	33.3	30.4	27.6	25.2	22.8	19.7
132.5°	51.0	46.7	42.9	39.5	36.4	33.6	31.0	28.4	25.9	22.8	19.8
135°	49.8	46.0	42.3	39.0	36.0	33.3	30.9	28.7	25.8	22.8	19.8
137.5°	47.9	44.5	41.3	38.2	35.2	32.6	30.2	27.6	25.0	22.3	19.7
140°	45.8	42.3	39.2	36.5	34.0	31.4	28.9	26.4	23.9	21.3	18.8
142.5°	42.9	39.9	36.8	33.8	31.5	29.6	27.5	25.1	22.7	20.3	18.0
145°	39.1	36.4	33.9	31.6	29.5	27.3	25.4	23.4	21.4	19.3	17.1
147.5°	35.4	32.7	30.9	29.3	27.6	25.8	23.8	21.8	19.7	17.8	15.8
150°	32.4	30.7	28.9	27.1	25.3	23.7	22.1	20.4	18.6	16.7	14.7
152.5°	30.2	28.6	27.0	25.4	23.7	22.0	20.3	18.6	16.9	15.3	13.6
155°	28.0	26.5	25.0	23.5	22.0	20.4	18.9	17.3	15.7	14.1	12.5
157.5°	25.7	24.4	23.0	21.6	20.2	18.8	17.4	16.0	14.5	13.0	11.6
160°	23.3	22.1	20.9	19.7	18.4	17.2	15.9	14.6	13.3	11.9	10.6
162.5°	20.9	19.8	18.7	17.6	16.5	15.4	14.3	13.1	12.0	10.8	9.6
165°	18.3	17.4	16.5	15.5	14.6	13.6	12.6	11.6	10.6	9.6	8.5
167.5°	15.7	14.9	14.1	13.3	12.5	11.7	10.9	10.0	9.2	8.3	7.4
170°	13.0	12.3	11.7	11.1	10.4	9.8	9.1	8.4	7.7	7.0	6.3
172.5°	10.2	9.7	9.2	8.7	8.2	7.7	7.2	6.7	6.2	5.6	5.1
175°	7.2	6.9	6.6	6.3	6.0	5.6	5.3	4.9	4.5	4.2	3.8
177.5°	4.3	4.1	3.9	3.8	3.6	3.4	3.2	3.1	2.9	2.7	2.5
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: P231955

CATALOG NUMBER: FVS4WM-4-LD4-50-1HI-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
0°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
2.5°	2.3	2.1	1.9	1.7	1.5	1.3	1.1	1.3	1.5	1.7	1.9
5°	3.4	3.0	2.7	2.3	1.9	1.5	1.1	1.5	1.9	2.3	2.7
7.5°	4.5	3.9	3.4	2.8	2.2	1.7	1.1	1.7	2.2	2.8	3.4
10°	5.5	4.8	4.1	3.3	2.6	1.8	1.1	1.8	2.6	3.3	4.1
12.5°	6.5	5.6	4.7	3.8	2.9	2.0	1.1	2.0	2.9	3.8	4.7
15°	7.5	6.4	5.4	4.3	3.2	2.2	1.1	2.2	3.2	4.3	5.4
17.5°	8.4	7.2	6.0	4.8	3.5	2.3	1.1	2.3	3.5	4.8	6.0
20°	9.3	7.9	6.6	5.2	3.8	2.5	1.1	2.5	3.8	5.2	6.6
22.5°	10.1	8.6	7.1	5.6	4.1	2.6	1.1	2.6	4.1	5.6	7.1
25°	10.9	9.3	7.6	6.0	4.4	2.7	1.1	2.7	4.4	6.0	7.6
27.5°	11.9	10.1	8.4	6.6	4.7	2.9	1.1	2.9	4.7	6.6	8.4
30°	12.8	10.9	8.9	7.0	5.0	3.1	1.1	3.1	5.0	7.0	8.9
32.5°	13.8	11.7	9.7	7.5	5.4	3.3	1.1	3.3	5.4	7.5	9.7
35°	14.8	12.5	10.2	8.0	5.7	3.4	1.1	3.4	5.7	8.0	10.2
37.5°	15.6	13.2	10.7	8.3	5.9	3.5	1.1	3.5	5.9	8.3	10.7
40°	16.3	13.8	11.2	8.7	6.2	3.6	1.1	3.6	6.2	8.7	11.2
42.5°	16.9	14.1	11.5	8.8	6.2	3.7	1.1	3.7	6.2	8.8	11.5
45°	17.0	14.2	11.5	8.8	6.2	3.6	1.1	3.6	6.2	8.8	11.5
47.5°	16.9	14.1	11.4	8.7	6.1	3.6	1.1	3.6	6.1	8.7	11.4
50°	16.8	14.1	11.5	8.9	6.3	3.7	1.1	3.7	6.3	8.9	11.5
52.5°	17.3	14.4	11.5	8.8	6.2	3.6	1.1	3.6	6.2	8.8	11.5
55°	16.9	14.0	11.2	8.6	6.0	3.5	1.1	3.5	6.0	8.6	11.2
57.5°	16.5	13.7	11.1	8.6	6.1	3.6	1.1	3.6	6.1	8.6	11.1
60°	16.3	13.9	11.0	8.3	5.8	3.4	1.1	3.4	5.8	8.3	11.0
62.5°	15.5	13.1	10.4	8.0	5.9	4.0	2.2	4.0	5.9	8.0	10.4
65°	14.5	12.0	9.5	7.3	5.5	3.8	2.2	3.8	5.5	7.3	9.5
67.5°	13.4	10.8	8.3	6.3	4.7	3.4	2.2	3.4	4.7	6.3	8.3
70°	12.3	9.8	7.3	5.6	4.3	3.2	2.2	3.2	4.3	5.6	7.3
72.5°	11.8	9.0	6.8	4.6	3.4	2.6	2.2	2.6	3.4	4.6	6.8
75°	11.0	8.0	5.3	3.6	3.1	2.7	2.2	2.7	3.1	3.6	5.3
77.5°	8.8	6.5	4.1	2.7	1.2	0.3	0.0	0.3	1.2	2.7	4.1
80°	6.2	4.1	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.1
82.5°	4.1	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	3.1	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	2.5	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	2.5	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	3.1	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	4.1	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	6.2	4.1	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.1
102.5°	8.8	6.5	4.1	2.7	1.2	0.3	0.0	0.3	1.2	2.7	4.1
105°	11.0	8.0	5.3	3.6	3.1	2.7	2.2	2.7	3.1	3.6	5.3
107.5°	11.8	9.0	6.8	4.6	3.4	2.6	2.2	2.6	3.4	4.6	6.8
110°	12.3	9.8	7.3	5.6	4.3	3.2	2.2	3.2	4.3	5.6	7.3



TEST NUMBER: P231955

CATALOG NUMBER: FVS4WM-4-LD4-50-1HI-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
112.5°	13.4	10.8	8.3	6.3	4.7	3.4	2.2	3.4	4.7	6.3	8.3
115°	14.5	12.0	9.5	7.3	5.5	3.8	2.2	3.8	5.5	7.3	9.5
117.5°	15.5	13.1	10.4	8.0	5.9	4.0	2.2	4.0	5.9	8.0	10.4
120°	16.3	13.9	11.0	8.3	5.8	3.4	1.1	3.4	5.8	8.3	11.0
122.5°	16.5	13.7	11.1	8.6	6.1	3.6	1.1	3.6	6.1	8.6	11.1
125°	16.9	14.0	11.2	8.6	6.0	3.5	1.1	3.5	6.0	8.6	11.2
127.5°	17.3	14.4	11.5	8.8	6.2	3.6	1.1	3.6	6.2	8.8	11.5
130°	16.8	14.1	11.5	8.9	6.3	3.7	1.1	3.7	6.3	8.9	11.5
132.5°	16.9	14.1	11.4	8.7	6.1	3.6	1.1	3.6	6.1	8.7	11.4
135°	17.0	14.2	11.5	8.8	6.2	3.6	1.1	3.6	6.2	8.8	11.5
137.5°	16.9	14.1	11.5	8.8	6.2	3.7	1.1	3.7	6.2	8.8	11.5
140°	16.3	13.8	11.2	8.7	6.2	3.6	1.1	3.6	6.2	8.7	11.2
142.5°	15.6	13.2	10.7	8.3	5.9	3.5	1.1	3.5	5.9	8.3	10.7
145°	14.8	12.5	10.2	8.0	5.7	3.4	1.1	3.4	5.7	8.0	10.2
147.5°	13.8	11.7	9.7	7.5	5.4	3.3	1.1	3.3	5.4	7.5	9.7
150°	12.8	10.9	8.9	7.0	5.0	3.1	1.1	3.1	5.0	7.0	8.9
152.5°	11.9	10.1	8.4	6.6	4.7	2.9	1.1	2.9	4.7	6.6	8.4
155°	10.9	9.3	7.6	6.0	4.4	2.7	1.1	2.7	4.4	6.0	7.6
157.5°	10.1	8.6	7.1	5.6	4.1	2.6	1.1	2.6	4.1	5.6	7.1
160°	9.3	7.9	6.6	5.2	3.8	2.5	1.1	2.5	3.8	5.2	6.6
162.5°	8.4	7.2	6.0	4.8	3.5	2.3	1.1	2.3	3.5	4.8	6.0
165°	7.5	6.4	5.4	4.3	3.2	2.2	1.1	2.2	3.2	4.3	5.4
167.5°	6.5	5.6	4.7	3.8	2.9	2.0	1.1	2.0	2.9	3.8	4.7
170°	5.5	4.8	4.1	3.3	2.6	1.8	1.1	1.8	2.6	3.3	4.1
172.5°	4.5	3.9	3.4	2.8	2.2	1.7	1.1	1.7	2.2	2.8	3.4
175°	3.4	3.0	2.7	2.3	1.9	1.5	1.1	1.5	1.9	2.3	2.7
177.5°	2.3	2.1	1.9	1.7	1.5	1.3	1.1	1.3	1.5	1.7	1.9
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: P231955

CATALOG NUMBER: FVS4WM-4-LD4-50-1HI-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
0°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
2.5°	2.1	2.3	2.5	2.7	2.9	3.1	3.2	3.4	3.6	3.8	3.9
5°	3.0	3.4	3.8	4.2	4.5	4.9	5.3	5.6	6.0	6.3	6.6
7.5°	3.9	4.5	5.1	5.6	6.2	6.7	7.2	7.7	8.2	8.7	9.2
10°	4.8	5.5	6.3	7.0	7.7	8.4	9.1	9.8	10.4	11.1	11.7
12.5°	5.6	6.5	7.4	8.3	9.2	10.0	10.9	11.7	12.5	13.3	14.1
15°	6.4	7.5	8.5	9.6	10.6	11.6	12.6	13.6	14.6	15.5	16.5
17.5°	7.2	8.4	9.6	10.8	12.0	13.1	14.3	15.4	16.5	17.6	18.7
20°	7.9	9.3	10.6	11.9	13.3	14.6	15.9	17.2	18.4	19.7	20.9
22.5°	8.6	10.1	11.6	13.0	14.5	16.0	17.4	18.8	20.2	21.6	23.0
25°	9.3	10.9	12.5	14.1	15.7	17.3	18.9	20.4	22.0	23.5	25.0
27.5°	10.1	11.9	13.6	15.3	16.9	18.6	20.3	22.0	23.7	25.4	27.0
30°	10.9	12.8	14.7	16.7	18.6	20.4	22.1	23.7	25.3	27.1	28.9
32.5°	11.7	13.8	15.8	17.8	19.7	21.8	23.8	25.8	27.6	29.3	30.9
35°	12.5	14.8	17.1	19.3	21.4	23.4	25.4	27.3	29.5	31.6	33.9
37.5°	13.2	15.6	18.0	20.3	22.7	25.1	27.5	29.6	31.5	33.8	36.8
40°	13.8	16.3	18.8	21.3	23.9	26.4	28.9	31.4	34.0	36.5	39.2
42.5°	14.1	16.9	19.7	22.3	25.0	27.6	30.2	32.6	35.2	38.2	41.3
45°	14.2	17.0	19.8	22.8	25.8	28.7	30.9	33.3	36.0	39.0	42.3
47.5°	14.1	16.9	19.8	22.8	25.9	28.4	31.0	33.6	36.4	39.5	42.9
50°	14.1	16.8	19.7	22.8	25.2	27.6	30.4	33.3	36.4	39.6	43.2
52.5°	14.4	17.3	20.1	22.3	24.3	26.7	29.3	32.5	35.9	39.3	43.1
55°	14.0	16.9	19.8	21.9	23.9	26.1	28.6	31.4	35.0	38.9	42.7
57.5°	13.7	16.5	18.7	20.8	23.2	25.6	28.1	30.8	33.9	37.9	42.4
60°	13.9	16.3	18.0	20.0	22.3	24.7	27.5	30.3	33.4	36.7	43.7
62.5°	13.1	15.5	18.0	19.9	21.7	24.1	26.7	29.8	33.9	39.7	46.2
65°	12.0	14.5	17.3	19.8	22.1	23.9	26.3	30.8	36.2	42.4	49.2
67.5°	10.8	13.4	16.3	19.4	22.2	24.7	28.1	32.9	38.5	44.7	52.0
70°	9.8	12.3	15.3	18.5	22.2	25.9	30.0	34.7	40.6	46.9	54.5
72.5°	9.0	11.8	14.5	17.7	21.6	26.1	31.2	36.3	42.6	49.4	56.9
75°	8.0	11.0	13.7	16.7	20.8	25.7	31.4	37.7	44.2	51.9	59.3
77.5°	6.5	8.8	11.7	15.4	20.0	25.0	31.2	38.6	45.8	53.6	61.0
80°	4.1	6.2	9.2	13.5	19.0	24.6	31.0	38.5	46.1	54.0	62.1
82.5°	2.2	4.1	7.0	11.9	18.1	24.6	31.0	38.4	46.5	54.8	63.5
85°	0.8	3.1	6.6	11.7	18.0	25.0	31.4	38.8	47.2	56.1	65.2
87.5°	0.2	2.5	6.8	12.0	18.4	25.9	32.3	39.8	48.4	57.8	67.3
90°	0.0	2.2	7.6	13.1	19.6	27.3	33.8	41.4	50.1	60.0	69.8
92.5°	0.2	2.5	6.8	12.0	18.4	25.9	32.3	39.8	48.4	57.8	67.3
95°	0.8	3.1	6.6	11.7	18.0	25.0	31.4	38.8	47.2	56.1	65.2
97.5°	2.2	4.1	7.0	11.9	18.1	24.6	31.0	38.4	46.5	54.8	63.5
100°	4.1	6.2	9.2	13.5	19.0	24.6	31.0	38.5	46.1	54.0	62.1
102.5°	6.5	8.8	11.7	15.4	20.0	25.0	31.2	38.6	45.8	53.6	61.0
105°	8.0	11.0	13.7	16.7	20.8	25.7	31.4	37.7	44.2	51.9	59.3
107.5°	9.0	11.8	14.5	17.7	21.6	26.1	31.2	36.3	42.6	49.4	56.9
110°	9.8	12.3	15.3	18.5	22.2	25.9	30.0	34.7	40.6	46.9	54.5



TEST NUMBER: P231955

CATALOG NUMBER: FVS4WM-4-LD4-50-1HI-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°	10.8	13.4	16.3	19.4	22.2	24.7	28.1	32.9	38.5	44.7	52.0
115°	12.0	14.5	17.3	19.8	22.1	23.9	26.3	30.8	36.2	42.4	49.2
117.5°	13.1	15.5	18.0	19.9	21.7	24.1	26.7	29.8	33.9	39.7	46.2
120°	13.9	16.3	18.0	20.0	22.3	24.7	27.5	30.3	33.4	36.7	43.7
122.5°	13.7	16.5	18.7	20.8	23.2	25.6	28.1	30.8	33.9	37.9	42.4
125°	14.0	16.9	19.8	21.9	23.9	26.1	28.6	31.4	35.0	38.9	42.7
127.5°	14.4	17.3	20.1	22.3	24.3	26.7	29.3	32.5	35.9	39.3	43.1
130°	14.1	16.8	19.7	22.8	25.2	27.6	30.4	33.3	36.4	39.6	43.2
132.5°	14.1	16.9	19.8	22.8	25.9	28.4	31.0	33.6	36.4	39.5	42.9
135°	14.2	17.0	19.8	22.8	25.8	28.7	30.9	33.3	36.0	39.0	42.3
137.5°	14.1	16.9	19.7	22.3	25.0	27.6	30.2	32.6	35.2	38.2	41.3
140°	13.8	16.3	18.8	21.3	23.9	26.4	28.9	31.4	34.0	36.5	39.2
142.5°	13.2	15.6	18.0	20.3	22.7	25.1	27.5	29.6	31.5	33.8	36.8
145°	12.5	14.8	17.1	19.3	21.4	23.4	25.4	27.3	29.5	31.6	33.9
147.5°	11.7	13.8	15.8	17.8	19.7	21.8	23.8	25.8	27.6	29.3	30.9
150°	10.9	12.8	14.7	16.7	18.6	20.4	22.1	23.7	25.3	27.1	28.9
152.5°	10.1	11.9	13.6	15.3	16.9	18.6	20.3	22.0	23.7	25.4	27.0
155°	9.3	10.9	12.5	14.1	15.7	17.3	18.9	20.4	22.0	23.5	25.0
157.5°	8.6	10.1	11.6	13.0	14.5	16.0	17.4	18.8	20.2	21.6	23.0
160°	7.9	9.3	10.6	11.9	13.3	14.6	15.9	17.2	18.4	19.7	20.9
162.5°	7.2	8.4	9.6	10.8	12.0	13.1	14.3	15.4	16.5	17.6	18.7
165°	6.4	7.5	8.5	9.6	10.6	11.6	12.6	13.6	14.6	15.5	16.5
167.5°	5.6	6.5	7.4	8.3	9.2	10.0	10.9	11.7	12.5	13.3	14.1
170°	4.8	5.5	6.3	7.0	7.7	8.4	9.1	9.8	10.4	11.1	11.7
172.5°	3.9	4.5	5.1	5.6	6.2	6.7	7.2	7.7	8.2	8.7	9.2
175°	3.0	3.4	3.8	4.2	4.5	4.9	5.3	5.6	6.0	6.3	6.6
177.5°	2.1	2.3	2.5	2.7	2.9	3.1	3.2	3.4	3.6	3.8	3.9
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: P231955

CATALOG NUMBER: FVS4WM-4-LD4-50-1HI-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
0°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
2.5°	4.1	4.3	4.4	4.6	4.7	4.9	5.0	5.1	5.2	5.4	5.5
5°	6.9	7.2	7.5	7.8	8.1	8.4	8.6	8.8	9.1	9.3	9.5
7.5°	9.7	10.2	10.6	11.0	11.4	11.8	12.2	12.6	12.9	13.2	13.5
10°	12.3	13.0	13.5	14.1	14.7	15.2	15.7	16.2	16.7	17.1	17.5
12.5°	14.9	15.7	16.4	17.1	17.8	18.5	19.1	19.7	20.3	20.9	21.4
15°	17.4	18.3	19.2	20.0	20.8	21.6	22.4	23.2	23.9	24.6	25.2
17.5°	19.8	20.9	21.9	22.9	23.8	24.7	25.6	26.5	27.4	28.2	28.9
20°	22.1	23.3	24.5	25.6	26.7	27.8	28.8	29.8	30.8	31.7	32.6
22.5°	24.4	25.7	27.0	28.3	29.5	30.8	31.9	33.1	34.2	35.2	36.2
25°	26.5	28.0	29.4	30.9	32.3	33.6	34.9	36.2	37.5	38.7	41.3
27.5°	28.6	30.2	31.8	33.4	34.9	36.4	39.3	42.4	45.7	49.1	52.7
30°	30.7	32.4	34.2	36.7	39.8	43.1	46.6	50.3	54.2	58.5	62.8
32.5°	32.7	35.4	38.5	41.8	45.3	48.9	52.8	57.1	61.6	66.6	71.9
35°	36.4	39.1	42.5	46.0	49.9	54.0	58.3	62.9	68.1	73.7	79.9
37.5°	39.9	42.9	46.0	49.6	53.8	58.3	63.1	68.2	73.7	80.1	86.9
40°	42.3	45.8	49.4	52.9	57.1	61.9	67.2	72.8	79.0	85.6	93.4
42.5°	44.5	47.9	51.9	56.1	60.2	65.1	70.8	77.0	83.6	90.9	99.2
45°	46.0	49.8	53.9	58.5	63.2	68.0	73.9	80.5	87.8	95.8	104.3
47.5°	46.7	51.0	55.5	60.4	65.6	71.0	76.6	83.8	91.7	100.1	109.5
50°	47.1	51.6	56.6	61.9	67.5	73.5	79.6	87.0	96.6	106.0	115.0
52.5°	47.3	51.9	57.0	62.9	69.1	77.7	86.5	95.4	104.9	113.8	121.8
55°	47.1	52.0	57.8	66.4	75.7	85.2	94.6	104.2	113.7	122.7	129.9
57.5°	47.1	54.8	63.0	71.8	82.0	92.2	102.5	112.8	123.1	132.1	138.8
60°	51.1	58.9	67.7	77.1	87.7	99.0	110.2	121.2	132.3	141.7	148.5
62.5°	54.5	62.8	72.1	82.2	92.9	105.5	117.6	129.5	141.3	151.9	159.0
65°	57.3	66.5	76.1	86.9	98.3	111.4	124.9	137.7	150.3	162.4	170.2
67.5°	60.1	69.8	80.1	91.5	103.7	117.0	132.0	145.9	159.3	172.6	180.7
70°	63.1	73.0	84.0	95.9	109.0	122.5	139.1	154.0	168.2	181.7	188.8
72.5°	66.0	76.2	87.7	100.3	114.1	127.4	143.1	157.7	170.4	181.5	188.2
75°	68.8	78.9	89.8	101.9	115.1	129.3	144.9	160.0	172.4	182.2	188.1
77.5°	69.7	79.8	90.8	103.0	116.5	131.3	147.3	162.8	175.1	183.8	188.4
80°	70.8	81.0	92.2	104.4	118.2	133.4	150.1	166.0	178.4	186.0	189.0
82.5°	72.3	82.7	94.0	106.2	120.4	135.9	153.5	169.7	182.1	188.7	189.9
85°	74.2	84.8	96.3	108.4	123.0	138.8	157.4	173.8	186.2	191.8	190.9
87.5°	76.7	87.4	99.2	111.2	126.0	142.1	161.9	178.3	190.5	195.1	191.9
90°	79.6	90.5	102.5	114.5	129.7	146.1	166.8	183.1	195.1	198.4	192.9
92.5°	76.7	87.4	99.2	111.2	126.0	142.1	161.9	178.3	190.5	195.1	191.9
95°	74.2	84.8	96.3	108.4	123.0	138.8	157.4	173.8	186.2	191.8	190.9
97.5°	72.3	82.7	94.0	106.2	120.4	135.9	153.5	169.7	182.1	188.7	189.9
100°	70.8	81.0	92.2	104.4	118.2	133.4	150.1	166.0	178.4	186.0	189.0
102.5°	69.7	79.8	90.8	103.0	116.5	131.3	147.3	162.8	175.1	183.8	188.4
105°	68.8	78.9	89.8	101.9	115.1	129.3	144.9	160.0	172.4	182.2	188.1
107.5°	66.0	76.2	87.7	100.3	114.1	127.4	143.1	157.7	170.4	181.5	188.2
110°	63.1	73.0	84.0	95.9	109.0	122.5	139.1	154.0	168.2	181.7	188.8



TEST NUMBER: P231955

CATALOG NUMBER: FVS4WM-4-LD4-50-1HI-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
112.5°	60.1	69.8	80.1	91.5	103.7	117.0	132.0	145.9	159.3	172.6	180.7
115°	57.3	66.5	76.1	86.9	98.3	111.4	124.9	137.7	150.3	162.4	170.2
117.5°	54.5	62.8	72.1	82.2	92.9	105.5	117.6	129.5	141.3	151.9	159.0
120°	51.1	58.9	67.7	77.1	87.7	99.0	110.2	121.2	132.3	141.7	148.5
122.5°	47.1	54.8	63.0	71.8	82.0	92.2	102.5	112.8	123.1	132.1	138.8
125°	47.1	52.0	57.8	66.4	75.7	85.2	94.6	104.2	113.7	122.7	129.9
127.5°	47.3	51.9	57.0	62.9	69.1	77.7	86.5	95.4	104.9	113.8	121.8
130°	47.1	51.6	56.6	61.9	67.5	73.5	79.6	87.0	96.6	106.0	115.0
132.5°	46.7	51.0	55.5	60.4	65.6	71.0	76.6	83.8	91.7	100.1	109.5
135°	46.0	49.8	53.9	58.5	63.2	68.0	73.9	80.5	87.8	95.8	104.3
137.5°	44.5	47.9	51.9	56.1	60.2	65.1	70.8	77.0	83.6	90.9	99.2
140°	42.3	45.8	49.4	52.9	57.1	61.9	67.2	72.8	79.0	85.6	93.4
142.5°	39.9	42.9	46.0	49.6	53.8	58.3	63.1	68.2	73.7	80.1	86.9
145°	36.4	39.1	42.5	46.0	49.9	54.0	58.3	62.9	68.1	73.7	79.9
147.5°	32.7	35.4	38.5	41.8	45.3	48.9	52.8	57.1	61.6	66.6	71.9
150°	30.7	32.4	34.2	36.7	39.8	43.1	46.6	50.3	54.2	58.5	62.8
152.5°	28.6	30.2	31.8	33.4	34.9	36.4	39.3	42.4	45.7	49.1	52.7
155°	26.5	28.0	29.4	30.9	32.3	33.6	34.9	36.2	37.5	38.7	41.3
157.5°	24.4	25.7	27.0	28.3	29.5	30.8	31.9	33.1	34.2	35.2	36.2
160°	22.1	23.3	24.5	25.6	26.7	27.8	28.8	29.8	30.8	31.7	32.6
162.5°	19.8	20.9	21.9	22.9	23.8	24.7	25.6	26.5	27.4	28.2	28.9
165°	17.4	18.3	19.2	20.0	20.8	21.6	22.4	23.2	23.9	24.6	25.2
167.5°	14.9	15.7	16.4	17.1	17.8	18.5	19.1	19.7	20.3	20.9	21.4
170°	12.3	13.0	13.5	14.1	14.7	15.2	15.7	16.2	16.7	17.1	17.5
172.5°	9.7	10.2	10.6	11.0	11.4	11.8	12.2	12.6	12.9	13.2	13.5
175°	6.9	7.2	7.5	7.8	8.1	8.4	8.6	8.8	9.1	9.3	9.5
177.5°	4.1	4.3	4.4	4.6	4.7	4.9	5.0	5.1	5.2	5.4	5.5
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: P231955

CATALOG NUMBER: FVS4WM-4-LD4-50-1HI-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
0°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
2.5°	5.6	5.6	5.7	5.8	5.9	5.9	6.0	6.0	6.0	6.1	6.8
5°	9.8	10.0	10.2	10.3	10.5	10.6	10.8	10.9	11.0	11.0	12.5
7.5°	13.8	14.1	14.4	14.7	15.0	15.2	15.4	15.7	15.8	16.0	18.2
10°	17.9	18.2	18.6	18.9	19.3	19.7	20.0	20.4	20.7	21.0	23.8
12.5°	21.9	22.4	22.8	23.2	23.5	24.0	24.6	25.1	25.5	25.9	29.4
15°	25.8	26.4	26.9	27.4	27.9	28.3	29.0	29.7	30.3	30.9	35.0
17.5°	29.7	30.4	31.0	31.6	32.2	32.7	33.3	34.2	35.1	35.9	40.6
20°	33.5	34.3	35.0	35.8	36.4	37.0	37.6	38.7	39.8	40.8	46.1
22.5°	37.2	38.2	39.0	39.9	40.6	41.4	42.0	43.1	44.5	45.8	51.6
25°	44.0	46.7	49.3	51.5	53.6	55.2	56.3	57.6	59.1	60.3	66.1
27.5°	56.2	59.7	63.1	66.0	68.5	70.4	71.5	72.4	73.8	74.9	80.6
30°	67.4	71.9	76.2	80.3	83.2	85.9	86.8	87.4	88.5	89.4	95.1
32.5°	77.4	83.1	88.6	93.8	97.8	100.9	102.2	102.5	103.3	103.9	109.4
35°	86.5	93.4	100.4	106.6	112.1	115.8	117.7	117.8	118.2	118.5	123.6
37.5°	94.7	102.7	111.1	118.9	126.5	130.5	133.3	133.1	133.1	133.0	137.7
40°	102.0	111.3	121.1	130.7	139.2	145.1	149.1	148.5	148.0	147.5	151.7
42.5°	108.5	119.2	130.4	142.4	151.9	159.6	164.8	163.9	163.0	162.1	165.6
45°	114.8	126.4	139.0	152.3	164.2	174.0	179.7	179.5	178.0	176.6	179.5
47.5°	120.3	131.6	143.6	156.1	167.8	178.1	184.1	186.3	187.4	189.2	196.4
50°	123.9	133.7	144.7	156.4	168.3	179.3	187.2	192.4	196.5	201.8	213.6
52.5°	129.1	137.4	146.7	157.2	168.9	180.3	190.0	198.0	205.4	214.4	231.2
55°	135.8	142.1	149.5	158.5	169.7	181.4	192.6	203.2	214.0	227.0	249.0
57.5°	143.7	147.9	153.1	160.4	170.9	182.6	195.0	208.1	222.4	239.6	267.0
60°	152.4	154.6	157.6	163.3	172.4	183.9	197.2	212.6	230.7	252.2	285.3
62.5°	162.1	162.3	163.2	166.8	174.2	185.2	199.3	216.9	238.8	264.8	303.8
65°	172.2	170.9	169.6	170.8	176.4	186.7	201.3	221.0	246.8	277.4	322.4
67.5°	182.7	180.1	176.5	175.3	178.9	188.2	203.2	224.9	254.6	290.0	341.1
70°	189.1	184.5	178.9	176.0	178.5	187.2	201.8	223.1	252.8	288.7	340.6
72.5°	188.4	183.8	178.0	175.1	177.5	185.9	200.4	221.4	250.9	287.3	339.8
75°	187.9	182.9	177.1	174.2	176.5	184.8	199.1	219.7	249.1	286.0	340.8
77.5°	187.4	181.9	175.9	173.2	175.6	183.7	197.9	218.2	247.4	284.7	339.2
80°	187.1	180.9	174.7	172.1	174.8	182.7	196.9	216.9	245.7	283.3	337.7
82.5°	186.7	179.7	173.4	171.0	174.0	181.8	196.0	215.6	244.1	282.0	336.1
85°	186.3	178.4	172.0	170.0	173.3	181.1	195.2	214.5	242.6	280.7	334.5
87.5°	185.9	177.0	170.5	168.9	172.7	180.4	194.5	213.5	241.2	279.3	333.0
90°	185.3	175.5	169.0	167.9	172.2	179.9	194.0	212.6	239.8	278.0	331.4
92.5°	185.9	177.0	170.5	168.9	172.7	180.4	194.5	213.5	241.2	279.3	333.0
95°	186.3	178.4	172.0	170.0	173.3	181.1	195.2	214.5	242.6	280.7	334.5
97.5°	186.7	179.7	173.4	171.0	174.0	181.8	196.0	215.6	244.1	282.0	336.1
100°	187.1	180.9	174.7	172.1	174.8	182.7	196.9	216.9	245.7	283.3	337.7
102.5°	187.4	181.9	175.9	173.2	175.6	183.7	197.9	218.2	247.4	284.7	339.2
105°	187.9	182.9	177.1	174.2	176.5	184.8	199.1	219.7	249.1	286.0	340.8
107.5°	188.4	183.8	178.0	175.1	177.5	185.9	200.4	221.4	250.9	287.3	339.8
110°	189.1	184.5	178.9	176.0	178.5	187.2	201.8	223.1	252.8	288.7	340.6



TEST NUMBER: P231955

CATALOG NUMBER: FVS4WM-4-LD4-50-1HI-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°	182.7	180.1	176.5	175.3	178.9	188.2	203.2	224.9	254.6	290.0	341.1
115°	172.2	170.9	169.6	170.8	176.4	186.7	201.3	221.0	246.8	277.4	322.4
117.5°	162.1	162.3	163.2	166.8	174.2	185.2	199.3	216.9	238.8	264.8	303.8
120°	152.4	154.6	157.6	163.3	172.4	183.9	197.2	212.6	230.7	252.2	285.3
122.5°	143.7	147.9	153.1	160.4	170.9	182.6	195.0	208.1	222.4	239.6	267.0
125°	135.8	142.1	149.5	158.5	169.7	181.4	192.6	203.2	214.0	227.0	249.0
127.5°	129.1	137.4	146.7	157.2	168.9	180.3	190.0	198.0	205.4	214.4	231.2
130°	123.9	133.7	144.7	156.4	168.3	179.3	187.2	192.4	196.5	201.8	213.6
132.5°	120.3	131.6	143.6	156.1	167.8	178.1	184.1	186.3	187.4	189.2	196.4
135°	114.8	126.4	139.0	152.3	164.2	174.0	179.7	179.5	178.0	176.6	179.5
137.5°	108.5	119.2	130.4	142.4	151.9	159.6	164.8	163.9	163.0	162.1	165.6
140°	102.0	111.3	121.1	130.7	139.2	145.1	149.1	148.5	148.0	147.5	151.7
142.5°	94.7	102.7	111.1	118.9	126.5	130.5	133.3	133.1	133.1	133.0	137.7
145°	86.5	93.4	100.4	106.6	112.1	115.8	117.7	117.8	118.2	118.5	123.6
147.5°	77.4	83.1	88.6	93.8	97.8	100.9	102.2	102.5	103.3	103.9	109.4
150°	67.4	71.9	76.2	80.3	83.2	85.9	86.8	87.4	88.5	89.4	95.1
152.5°	56.2	59.7	63.1	66.0	68.5	70.4	71.5	72.4	73.8	74.9	80.6
155°	44.0	46.7	49.3	51.5	53.6	55.2	56.3	57.6	59.1	60.3	66.1
157.5°	37.2	38.2	39.0	39.9	40.6	41.4	42.0	43.1	44.5	45.8	51.6
160°	33.5	34.3	35.0	35.8	36.4	37.0	37.6	38.7	39.8	40.8	46.1
162.5°	29.7	30.4	31.0	31.6	32.2	32.7	33.3	34.2	35.1	35.9	40.6
165°	25.8	26.4	26.9	27.4	27.9	28.3	29.0	29.7	30.3	30.9	35.0
167.5°	21.9	22.4	22.8	23.2	23.5	24.0	24.6	25.1	25.5	25.9	29.4
170°	17.9	18.2	18.6	18.9	19.3	19.7	20.0	20.4	20.7	21.0	23.8
172.5°	13.8	14.1	14.4	14.7	15.0	15.2	15.4	15.7	15.8	16.0	18.2
175°	9.8	10.0	10.2	10.3	10.5	10.6	10.8	10.9	11.0	11.0	12.5
177.5°	5.6	5.6	5.7	5.8	5.9	5.9	6.0	6.0	6.0	6.1	6.8
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: P231955

CATALOG NUMBER: FVS4WM-4-LD4-50-1HI-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
0°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
2.5°	7.5	8.3	9.0	9.7	10.3	11.0	11.6	12.3	12.9	13.4	14.0
5°	13.9	15.4	16.8	18.1	19.4	20.7	22.0	23.2	24.4	25.6	26.7
7.5°	20.3	22.4	24.4	26.5	28.4	30.3	32.3	34.6	36.9	39.0	41.2
10°	26.6	29.3	32.0	34.7	37.4	40.6	43.7	46.7	49.7	52.5	55.5
12.5°	32.8	36.2	39.5	43.1	47.0	51.0	54.8	58.5	62.1	65.5	68.8
15°	39.0	43.0	47.0	51.8	56.5	61.1	65.6	70.1	74.4	78.6	83.1
17.5°	45.2	49.7	54.9	60.4	65.7	71.1	76.6	81.9	87.1	92.0	96.6
20°	51.3	56.4	62.6	68.7	74.8	81.4	87.8	94.0	99.9	105.6	111.0
22.5°	57.3	63.4	70.2	76.9	84.3	91.9	99.2	106.3	113.1	119.7	126.1
25°	71.7	78.1	84.8	91.7	99.3	106.6	113.9	120.9	127.7	134.6	142.0
27.5°	86.2	93.1	100.2	107.9	115.9	123.8	131.7	139.2	146.7	153.9	159.9
30°	100.5	108.0	115.5	123.8	132.6	140.8	149.1	157.1	164.9	171.5	177.6
32.5°	114.9	122.7	130.6	139.3	148.2	157.4	166.1	174.3	181.7	188.2	192.4
35°	129.3	137.1	145.5	154.5	164.1	174.3	182.4	190.6	197.6	203.0	204.7
37.5°	143.5	151.4	160.2	169.3	179.7	189.4	198.0	205.7	213.4	214.9	216.3
40°	157.5	165.5	174.6	184.3	195.1	204.4	212.9	220.3	224.8	226.4	226.7
42.5°	171.5	179.4	188.7	199.0	210.2	218.9	227.0	234.5	236.0	236.8	236.8
45°	185.3	193.4	202.5	213.6	224.3	232.8	240.5	245.5	246.8	246.7	247.0
47.5°	206.9	219.2	231.7	243.8	251.8	256.5	260.0	258.2	256.7	256.2	257.0
50°	229.5	247.5	265.6	280.9	288.0	291.9	294.0	289.8	284.1	278.4	273.5
52.5°	252.7	276.8	300.2	318.7	323.8	326.6	325.9	320.5	313.4	307.1	302.7
55°	276.6	307.0	335.3	355.5	359.1	360.8	357.3	350.3	342.2	335.1	331.0
57.5°	300.9	338.1	371.0	391.2	394.0	394.5	388.2	379.5	370.6	363.0	358.5
60°	325.7	370.0	407.1	426.6	428.2	427.3	418.5	408.3	398.4	390.7	387.6
62.5°	350.8	402.5	443.6	461.6	462.0	458.7	448.4	436.8	425.6	417.8	416.2
65°	376.3	435.5	480.4	496.5	495.5	489.7	477.8	464.9	452.3	444.3	444.2
67.5°	402.1	469.0	517.4	531.0	528.7	520.4	507.0	492.8	479.6	471.4	471.6
70°	403.2	472.4	523.8	542.3	545.5	538.8	527.4	515.3	504.2	498.5	501.2
72.5°	403.3	473.1	525.9	549.1	556.6	549.8	540.0	530.0	520.9	517.0	522.2
75°	403.1	473.3	527.8	556.8	568.3	560.9	553.3	545.3	538.0	535.1	541.6
77.5°	402.7	473.1	529.4	565.3	580.4	572.2	567.3	561.3	555.5	553.0	560.2
80°	404.1	472.4	530.9	574.4	592.9	583.7	581.8	577.8	573.3	570.8	578.3
82.5°	402.3	473.1	534.1	583.6	605.5	595.3	596.6	594.7	591.4	588.3	595.9
85°	400.4	470.5	533.7	594.0	618.8	606.7	611.9	611.8	609.6	605.8	613.0
87.5°	398.6	468.0	533.4	602.2	630.9	618.9	626.9	629.1	628.0	623.3	629.9
90°	396.8	465.4	533.0	610.4	643.1	631.1	642.0	646.4	646.4	640.9	646.4
92.5°	398.6	468.0	533.4	602.2	630.9	618.9	626.9	629.1	628.0	623.3	629.9
95°	400.4	470.5	533.7	594.0	618.8	606.7	611.9	611.8	609.6	605.8	613.0
97.5°	402.3	473.1	534.1	583.6	605.5	595.3	596.6	594.7	591.4	588.3	595.9
100°	404.1	472.4	530.9	574.4	592.9	583.7	581.8	577.8	573.3	570.8	578.3
102.5°	402.7	473.1	529.4	565.3	580.4	572.2	567.3	561.3	555.5	553.0	560.2
105°	403.1	473.3	527.8	556.8	568.3	560.9	553.3	545.3	538.0	535.1	541.6
107.5°	403.3	473.1	525.9	549.1	556.6	549.8	540.0	530.0	520.9	517.0	522.2
110°	403.2	472.4	523.8	542.3	545.5	538.8	527.4	515.3	504.2	498.5	501.2



TEST NUMBER: P231955

CATALOG NUMBER: FVS4WM-4-LD4-50-1HI-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
112.5°	402.1	469.0	517.4	531.0	528.7	520.4	507.0	492.8	479.6	471.4	471.6
115°	376.3	435.5	480.4	496.5	495.5	489.7	477.8	464.9	452.3	444.3	444.2
117.5°	350.8	402.5	443.6	461.6	462.0	458.7	448.4	436.8	425.6	417.8	416.2
120°	325.7	370.0	407.1	426.6	428.2	427.3	418.5	408.3	398.4	390.7	387.6
122.5°	300.9	338.1	371.0	391.2	394.0	394.5	388.2	379.5	370.6	363.0	358.5
125°	276.6	307.0	335.3	355.5	359.1	360.8	357.3	350.3	342.2	335.1	331.0
127.5°	252.7	276.8	300.2	318.7	323.8	326.6	325.9	320.5	313.4	307.1	302.7
130°	229.5	247.5	265.6	280.9	288.0	291.9	294.0	289.8	284.1	278.4	273.5
132.5°	206.9	219.2	231.7	243.8	251.8	256.5	260.0	258.2	256.7	256.2	257.0
135°	185.3	193.3	202.5	213.6	224.3	232.8	240.5	245.5	246.8	246.7	247.0
137.5°	171.5	179.4	188.7	199.0	210.2	218.9	227.0	234.5	236.0	236.8	236.8
140°	157.5	165.5	174.6	184.3	195.1	204.4	212.9	220.3	224.8	226.4	226.7
142.5°	143.5	151.4	160.2	169.3	179.7	189.4	198.0	205.7	213.4	214.9	216.3
145°	129.3	137.1	145.5	154.5	164.1	174.3	182.4	190.6	197.6	203.0	204.7
147.5°	114.9	122.7	130.6	139.3	148.2	157.4	166.1	174.3	181.7	188.2	192.4
150°	100.5	108.0	115.5	123.8	132.6	140.8	149.1	157.1	164.9	171.5	177.6
152.5°	86.2	93.1	100.2	107.9	115.9	123.8	131.7	139.2	146.7	153.9	159.9
155°	71.7	78.1	84.8	91.7	99.3	106.6	113.9	120.9	127.7	134.6	142.0
157.5°	57.3	63.4	70.2	76.9	84.3	91.9	99.2	106.3	113.1	119.7	126.1
160°	51.3	56.4	62.6	68.7	74.8	81.4	87.8	94.0	99.9	105.6	111.0
162.5°	45.2	49.7	54.9	60.4	65.7	71.1	76.6	81.9	87.1	92.0	96.6
165°	39.0	43.0	47.0	51.8	56.5	61.1	65.6	70.1	74.4	78.6	83.1
167.5°	32.8	36.2	39.5	43.1	47.0	51.0	54.8	58.5	62.1	65.5	68.8
170°	26.6	29.3	32.0	34.7	37.4	40.6	43.7	46.7	49.7	52.5	55.5
172.5°	20.3	22.4	24.4	26.5	28.4	30.3	32.3	34.6	36.9	39.0	41.2
175°	13.9	15.4	16.8	18.1	19.4	20.7	22.0	23.2	24.4	25.6	26.7
177.5°	7.5	8.3	9.0	9.7	10.3	11.0	11.6	12.3	12.9	13.4	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: P231955

CATALOG NUMBER: FVS4WM-4-LD4-50-1HI-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
0°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
2.5°	14.5	15.0	15.5	16.0	16.4	16.8	17.2	17.5	17.8	18.1	18.3
5°	28.0	29.3	30.6	31.8	32.9	34.0	35.0	35.9	36.8	37.6	38.3
7.5°	43.2	45.1	47.0	48.8	50.4	51.8	53.0	54.2	55.2	56.2	57.0
10°	57.8	60.1	62.3	64.4	66.4	68.2	69.9	71.4	72.7	73.8	74.8
12.5°	71.9	74.9	77.7	80.2	82.5	84.7	86.7	88.5	90.1	91.2	92.1
15°	86.3	89.8	93.1	96.2	99.0	101.3	103.3	105.0	106.5	107.7	108.7
17.5°	101.0	105.7	108.9	112.2	115.3	118.0	120.5	122.7	124.7	126.4	127.9
20°	116.1	120.9	125.2	129.2	132.7	135.9	138.8	141.1	142.9	144.5	146.1
22.5°	132.0	137.5	142.1	146.4	150.5	152.5	154.6	156.7	158.7	160.8	162.9
25°	148.2	153.7	159.6	161.4	163.6	165.9	167.9	170.1	172.5	175.2	178.2
27.5°	165.5	169.4	170.8	172.9	174.7	176.6	179.2	181.8	185.0	188.5	193.1
30°	181.2	182.7	183.8	184.1	184.2	185.6	188.6	192.0	198.0	204.0	210.4
32.5°	194.0	195.0	195.3	195.7	196.8	197.8	201.1	205.5	212.8	222.0	231.1
35°	205.8	206.1	206.8	208.0	209.9	214.1	218.3	225.5	232.5	243.5	257.9
37.5°	216.6	217.1	218.4	221.0	225.5	231.4	239.4	248.6	261.4	275.1	291.3
40°	227.0	228.3	230.9	235.4	242.3	250.8	263.1	277.4	295.3	315.4	336.9
42.5°	237.8	239.7	244.2	251.0	260.0	274.1	289.6	312.1	336.4	363.4	391.9
45°	248.1	252.1	258.1	267.4	281.9	298.5	323.8	350.3	382.5	415.4	450.5
47.5°	259.5	263.8	273.1	286.6	304.1	330.6	359.7	394.3	431.5	470.2	512.9
50°	271.6	277.7	288.6	306.9	332.7	362.8	399.4	439.5	483.5	530.1	579.3
52.5°	300.7	303.8	313.8	330.3	362.1	398.3	439.8	486.6	537.4	592.5	651.9
55°	331.2	336.6	349.9	371.8	400.1	434.4	480.1	535.0	593.9	657.8	720.1
57.5°	360.8	370.5	387.8	412.0	442.3	482.3	529.9	584.9	652.0	716.9	783.1
60°	390.7	403.3	424.7	450.7	484.4	527.5	580.6	643.1	706.5	769.7	844.2
62.5°	422.6	437.5	459.5	485.1	524.1	572.5	629.8	693.9	756.7	826.5	899.8
65°	453.5	470.7	492.1	519.9	561.1	612.2	674.1	737.1	803.5	875.4	950.9
67.5°	483.5	502.0	521.2	553.1	596.9	650.4	712.0	774.8	843.3	917.1	1004.6
70°	513.5	531.3	547.1	582.9	628.2	683.7	744.3	807.8	876.6	954.2	1054.6
72.5°	537.2	555.4	574.3	610.7	655.7	714.1	771.6	833.8	903.4	991.0	1096.5
75°	557.8	576.2	598.4	632.7	677.5	732.7	792.3	853.7	923.5	1019.6	1130.4
77.5°	578.0	596.9	619.4	650.8	694.1	746.7	803.5	866.2	945.0	1045.2	1158.2
80°	597.6	617.3	637.7	665.5	706.8	756.2	810.4	874.3	961.3	1069.8	1194.8
82.5°	616.7	637.4	653.8	677.3	716.1	761.8	813.4	878.2	972.6	1089.6	1221.6
85°	635.2	657.0	668.3	686.9	722.6	764.1	813.0	878.1	978.6	1103.7	1238.4
87.5°	653.5	676.4	681.7	695.2	727.4	764.3	810.6	875.8	982.0	1115.2	1249.9
90°	670.4	694.4	694.4	702.0	729.2	760.9	803.4	866.6	973.4	1110.8	1242.7
92.5°	653.5	676.4	681.7	695.2	727.4	764.3	810.6	875.8	982.0	1115.2	1249.9
95°	635.2	657.0	668.3	686.9	722.6	764.1	813.0	878.1	978.6	1103.7	1238.4
97.5°	616.7	637.4	653.8	677.3	716.1	761.8	813.4	878.2	972.6	1089.6	1221.6
100°	597.6	617.3	637.7	665.5	706.8	756.2	810.4	874.3	961.3	1069.8	1194.8
102.5°	578.0	596.9	619.4	650.8	694.1	746.7	803.5	866.2	945.0	1045.2	1158.2
105°	557.8	576.2	598.4	632.7	677.5	732.7	792.3	853.7	923.5	1019.6	1130.4
107.5°	537.2	555.4	574.3	610.7	655.7	714.1	771.6	833.8	903.4	991.0	1096.5
110°	513.5	531.3	547.1	582.9	628.2	683.7	744.3	807.8	876.6	954.2	1054.6



TEST NUMBER: P231955

CATALOG NUMBER: FVS4WM-4-LD4-50-1HI-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°	483.5	502.0	521.2	553.1	596.9	650.4	712.0	774.8	843.3	917.1	1004.6
115°	453.5	470.7	492.1	519.9	561.1	612.2	674.1	737.1	803.5	875.4	950.9
117.5°	422.6	437.5	459.5	485.1	524.1	572.5	629.8	693.9	756.7	826.5	899.8
120°	390.7	403.3	424.7	450.7	484.4	527.5	580.6	643.1	706.5	769.7	844.2
122.5°	360.8	370.5	387.8	412.0	442.3	482.3	529.9	584.9	652.0	716.9	783.1
125°	331.2	336.6	349.9	371.8	400.1	434.4	480.1	535.0	593.8	657.8	720.1
127.5°	300.7	303.8	313.8	330.3	362.1	398.3	439.8	486.6	537.4	592.5	651.9
130°	271.6	277.7	288.6	306.9	332.7	362.8	399.4	439.5	483.5	530.1	579.3
132.5°	259.5	263.8	273.1	286.6	304.1	330.6	359.7	394.3	431.5	470.2	512.9
135°	248.1	252.1	258.1	267.4	281.9	298.5	323.8	350.3	382.5	415.4	450.5
137.5°	237.8	239.7	244.2	251.0	260.0	274.1	289.6	312.1	336.4	363.4	391.9
140°	227.0	228.3	230.9	235.4	242.3	250.8	263.1	277.4	295.3	315.4	336.9
142.5°	216.6	217.1	218.4	221.0	225.5	231.4	239.4	248.6	261.4	275.1	291.3
145°	205.8	206.1	206.8	208.0	209.9	214.1	218.3	225.5	232.5	243.5	257.9
147.5°	194.0	195.0	195.3	195.7	196.8	197.8	201.1	205.5	212.8	222.0	231.1
150°	181.2	182.7	183.8	184.1	184.2	185.6	188.6	192.0	198.0	204.0	210.4
152.5°	165.5	169.4	170.8	172.9	174.7	176.6	179.2	181.8	185.0	188.5	193.1
155°	148.2	153.7	159.6	161.4	163.6	165.9	167.9	170.1	172.5	175.2	178.2
157.5°	132.0	137.5	142.1	146.4	150.5	152.5	154.6	156.7	158.7	160.8	162.9
160°	116.1	120.9	125.2	129.2	132.7	135.9	138.8	141.1	142.9	144.5	146.1
162.5°	101.0	105.7	108.9	112.2	115.3	118.0	120.5	122.7	124.7	126.4	127.9
165°	86.3	89.8	93.1	96.2	99.0	101.3	103.3	105.0	106.5	107.7	108.7
167.5°	71.9	74.9	77.7	80.2	82.5	84.7	86.7	88.5	90.1	91.2	92.1
170°	57.8	60.1	62.3	64.4	66.4	68.2	69.9	71.4	72.7	73.8	74.8
172.5°	43.2	45.1	47.0	48.8	50.4	51.8	53.0	54.2	55.2	56.2	57.0
175°	28.0	29.3	30.6	31.8	32.9	34.0	35.0	35.9	36.8	37.6	38.3
177.5°	14.5	15.0	15.5	16.0	16.4	16.8	17.2	17.5	17.8	18.1	18.3
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: P231955

CATALOG NUMBER: FVS4WM-4-LD4-50-1HI-P125-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
0°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
2.5°	18.5	18.7	18.9	19.0	19.1	19.1	19.7	19.5	19.3	19.1	18.9
5°	38.9	39.5	40.0	40.4	40.7	40.9	41.1	41.2	41.8	41.4	41.1
7.5°	57.7	58.4	58.9	59.2	59.5	59.7	59.7	59.7	59.5	59.7	59.1
10°	75.6	76.3	76.8	77.2	77.5	77.5	77.5	77.3	76.9	77.0	76.0
12.5°	92.7	93.2	93.4	93.5	93.3	93.0	92.5	91.8	91.0	90.0	89.1
15°	109.7	110.5	111.0	111.3	111.4	111.2	110.8	110.2	109.3	108.2	107.3
17.5°	129.0	130.0	130.8	131.4	131.9	132.2	132.3	132.2	131.8	131.1	130.9
20°	147.6	149.1	150.5	151.9	153.2	154.3	155.2	155.9	156.3	156.4	157.1
22.5°	165.1	167.3	169.6	171.8	174.0	175.9	177.7	179.3	180.5	181.5	183.0
25°	181.3	184.4	187.6	191.4	195.0	198.3	201.3	203.9	206.2	208.0	209.3
27.5°	198.2	203.2	208.1	213.4	219.1	224.4	229.2	233.4	237.1	240.2	242.6
30°	217.7	225.4	232.9	240.0	249.2	257.7	265.4	272.2	278.2	283.3	287.3
32.5°	241.1	253.4	265.1	276.3	289.0	302.4	314.6	325.6	335.3	343.5	350.2
35°	272.0	289.3	307.4	324.7	341.6	359.5	375.7	389.9	402.2	412.5	420.6
37.5°	312.5	334.4	359.3	382.5	404.1	425.5	445.2	462.6	477.6	490.2	500.2
40°	362.2	390.0	419.3	447.4	473.6	498.5	521.6	541.6	558.4	572.0	582.5
42.5°	422.2	452.0	484.7	519.0	550.2	578.8	607.4	631.9	652.2	668.4	680.4
45°	485.7	523.7	559.5	600.8	639.7	678.4	707.5	736.4	760.6	779.9	794.2
47.5°	555.8	602.4	648.7	694.2	739.5	780.3	819.2	856.1	888.9	916.8	939.2
50°	633.5	686.5	739.9	792.3	845.1	894.4	942.8	990.5	1032.4	1067.7	1096.0
52.5°	710.5	769.0	830.1	890.4	954.9	1019.6	1078.8	1141.4	1195.6	1240.7	1276.2
55°	783.1	850.5	919.7	994.1	1073.2	1162.3	1241.3	1307.9	1363.1	1406.9	1439.5
57.5°	854.7	929.8	1008.8	1103.8	1207.8	1304.2	1400.4	1463.9	1509.7	1543.3	1565.6
60°	921.2	1003.9	1104.2	1212.2	1325.0	1431.1	1527.4	1594.2	1623.9	1647.4	1664.2
62.5°	979.4	1079.3	1193.2	1313.9	1429.8	1535.8	1616.1	1681.9	1704.7	1721.7	1732.7
65°	1042.9	1149.0	1275.0	1403.0	1519.9	1618.1	1688.3	1739.1	1767.9	1785.8	1799.5
67.5°	1107.0	1224.1	1352.2	1486.1	1605.4	1694.5	1756.2	1797.0	1823.3	1840.0	1852.8
70°	1166.6	1296.1	1433.3	1570.9	1687.7	1764.0	1816.1	1842.7	1866.1	1884.0	1897.6
72.5°	1219.3	1358.1	1505.9	1640.0	1750.1	1820.0	1851.4	1878.0	1903.4	1924.5	1936.2
75°	1264.5	1413.5	1560.5	1695.7	1804.3	1851.2	1879.3	1908.1	1936.6	1958.1	1970.2
77.5°	1299.6	1457.3	1603.8	1750.2	1837.2	1881.7	1909.0	1935.7	1957.4	1977.8	1992.2
80°	1338.4	1489.5	1643.2	1794.7	1873.6	1911.2	1934.4	1953.8	1969.9	1990.1	2008.8
82.5°	1369.7	1521.0	1684.6	1820.3	1894.2	1928.8	1950.5	1969.7	1987.1	2001.0	2020.6
85°	1388.3	1540.4	1709.3	1840.5	1903.8	1935.4	1959.9	1982.0	1999.5	2014.3	2024.7
87.5°	1400.1	1547.2	1717.0	1854.0	1908.5	1937.9	1963.5	1984.6	2002.8	2022.3	2033.1
90°	1388.7	1541.3	1708.1	1856.3	1907.6	1937.0	1963.2	1982.8	1998.1	2019.9	2028.6
92.5°	1400.1	1547.2	1717.0	1854.0	1908.5	1937.9	1963.5	1984.6	2002.8	2022.3	2033.1
95°	1388.3	1540.4	1709.3	1840.5	1903.8	1935.4	1959.9	1982.0	1999.5	2014.3	2024.7
97.5°	1369.7	1521.0	1684.6	1820.3	1894.2	1928.8	1950.5	1969.7	1987.1	2001.0	2020.6
100°	1338.4	1489.5	1643.2	1794.7	1873.6	1911.2	1934.4	1953.8	1969.9	1990.1	2008.8
102.5°	1299.6	1457.3	1603.8	1750.2	1837.2	1881.7	1909.0	1935.7	1957.4	1977.8	1992.2
105°	1264.5	1413.5	1560.5	1695.7	1804.3	1851.2	1879.3	1908.1	1936.6	1958.1	1970.2
107.5°	1219.3	1358.1	1505.9	1640.0	1750.1	1820.0	1851.4	1878.0	1903.4	1924.5	1936.2
110°	1166.6	1296.1	1433.3	1570.9	1687.7	1764.0	1816.1	1842.7	1866.1	1884.0	1897.6



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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°	1107.0	1224.1	1352.2	1486.1	1605.4	1694.5	1756.2	1797.0	1823.3	1840.0	1852.8
115°	1042.9	1149.0	1275.0	1403.0	1519.9	1618.1	1688.3	1739.1	1767.9	1785.8	1799.5
117.5°	979.4	1079.3	1193.2	1313.9	1429.8	1535.8	1616.1	1681.9	1704.7	1721.7	1732.7
120°	921.2	1003.9	1104.2	1212.2	1325.0	1431.1	1527.4	1594.2	1623.9	1647.4	1664.2
122.5°	854.7	929.8	1008.8	1103.8	1207.8	1304.2	1400.4	1463.9	1509.7	1543.3	1565.6
125°	783.1	850.5	919.7	994.1	1073.2	1162.3	1241.3	1307.9	1363.1	1406.9	1439.5
127.5°	710.5	769.0	830.1	890.4	954.9	1019.6	1078.8	1141.4	1195.6	1240.7	1276.2
130°	633.5	686.5	739.9	792.3	845.1	894.4	942.8	990.5	1032.4	1067.7	1096.0
132.5°	555.8	602.4	648.7	694.2	739.5	780.3	819.2	856.1	888.9	916.8	939.2
135°	485.7	523.7	559.5	600.8	639.7	678.4	707.5	736.4	760.6	779.9	794.2
137.5°	422.2	452.0	484.7	519.0	550.2	578.8	607.4	631.9	652.2	668.4	680.4
140°	362.2	390.0	419.3	447.4	473.6	498.5	521.6	541.6	558.4	572.0	582.5
142.5°	312.5	334.4	359.3	382.5	404.1	425.5	445.2	462.6	477.6	490.2	500.2
145°	272.0	289.3	307.4	324.7	341.6	359.5	375.7	389.9	402.2	412.5	420.6
147.5°	241.1	253.4	265.1	276.3	289.0	302.4	314.6	325.6	335.3	343.5	350.2
150°	217.7	225.4	232.9	240.0	249.2	257.7	265.4	272.2	278.2	283.3	287.3
152.5°	198.2	203.2	208.1	213.4	219.1	224.4	229.2	233.4	237.1	240.2	242.6
155°	181.3	184.4	187.6	191.4	195.0	198.3	201.3	203.9	206.2	208.0	209.3
157.5°	165.1	167.3	169.6	171.8	174.0	175.9	177.7	179.3	180.5	181.5	183.0
160°	147.6	149.1	150.5	151.9	153.2	154.3	155.2	155.9	156.3	156.4	157.1
162.5°	129.0	130.0	130.8	131.4	131.9	132.2	132.3	132.2	131.8	131.1	130.9
165°	109.7	110.5	111.0	111.3	111.4	111.2	110.8	110.2	109.3	108.2	107.3
167.5°	92.7	93.2	93.4	93.5	93.3	93.0	92.5	91.8	91.0	90.0	89.1
170°	75.6	76.3	76.8	77.2	77.5	77.5	77.5	77.3	76.9	77.0	76.0
172.5°	57.7	58.4	58.9	59.2	59.5	59.7	59.7	59.7	59.5	59.7	59.1
175°	38.9	39.5	40.0	40.4	40.7	40.9	41.1	41.2	41.8	41.4	41.1
177.5°	18.5	18.7	18.9	19.0	19.1	19.1	19.7	19.5	19.3	19.1	18.9
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°	1.1	1.1
2.5°	18.7	18.5
5°	40.7	40.3
7.5°	58.4	57.8
10°	75.1	74.1
12.5°	87.6	86.1
15°	105.4	103.6
17.5°	129.2	127.5
20°	155.9	154.8
22.5°	182.5	182.0
25°	210.4	210.4
27.5°	244.7	245.3
30°	290.8	292.1
32.5°	356.2	358.6
35°	427.8	430.6
37.5°	509.0	512.3
40°	591.4	594.1
42.5°	690.3	692.2
45°	806.0	807.7
47.5°	959.0	964.7
50°	1120.9	1129.3
52.5°	1307.0	1316.8
55°	1466.2	1472.6
57.5°	1581.5	1580.6
60°	1677.5	1676.5
62.5°	1737.9	1737.5
65°	1808.1	1810.6
67.5°	1861.0	1864.0
70°	1906.8	1910.8
72.5°	1939.7	1937.0
75°	1975.0	1975.2
77.5°	2003.6	2014.4
80°	2025.6	2037.3
82.5°	2037.4	2054.7
85°	2042.6	2063.5
87.5°	2036.3	2070.0
90°	2038.4	2059.1
92.5°	2036.3	2070.0
95°	2042.6	2063.5
97.5°	2037.4	2054.7
100°	2025.6	2037.3
102.5°	2003.6	2014.4
105°	1975.0	1975.2
107.5°	1939.7	1937.0
110°	1906.8	1910.8



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CANDELA DISTRIBUTION (continued):

	357.5°	360°
112.5°	1861.0	1864.0
115°	1808.1	1810.6
117.5°	1737.9	1737.5
120°	1677.5	1676.5
122.5°	1581.5	1580.6
125°	1466.2	1472.6
127.5°	1307.0	1316.8
130°	1120.9	1129.3
132.5°	959.0	964.7
135°	806.0	807.7
137.5°	690.3	692.2
140°	591.4	594.1
142.5°	509.0	512.3
145°	427.8	430.6
147.5°	356.2	358.6
150°	290.8	292.1
152.5°	244.7	245.3
155°	210.4	210.4
157.5°	182.5	182.0
160°	155.9	154.8
162.5°	129.2	127.5
165°	105.4	103.6
167.5°	87.6	86.1
170°	75.1	74.1
172.5°	58.4	57.8
175°	40.7	40.3
177.5°	18.7	18.5
180°	1.0	1.0

(END OF REPORT)