

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: P231952

Luminaire Tested: **FVS4WM-4-LD4-30-1HI-P125-UNV-EDC1**

Issue Date: 3/3/2020



**Test Information**

Test Method: LM-79-08  
Report Number: P231952  
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-LD4-30-1HI-P125-UNV-EDC1  
Description: FAILSAFE FVS LED FIXTURE  
4FT LENGTH, 1-MODULE LED WITH P125 LENS  
Light Source: (84) 3000K CCT, 80 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

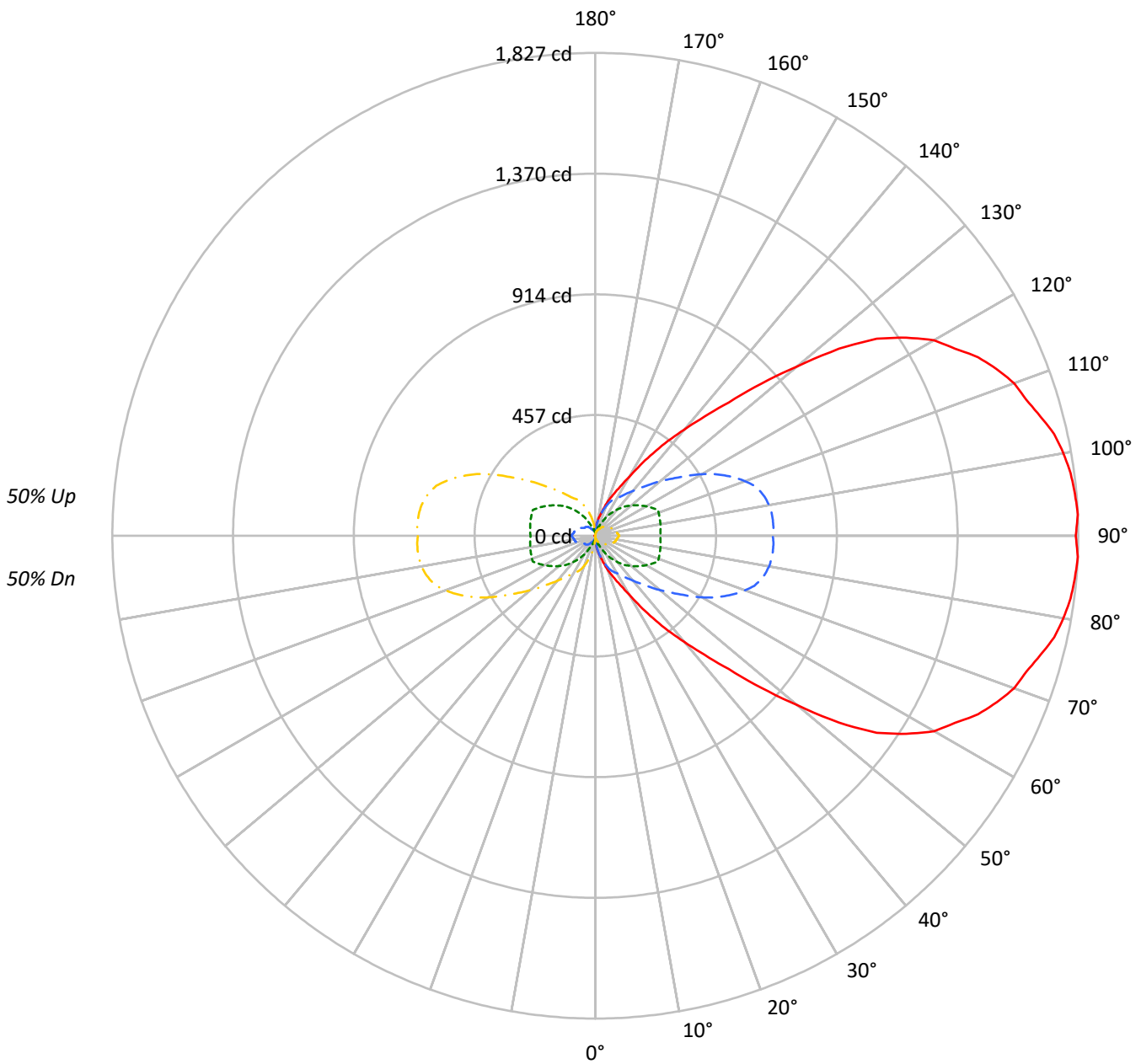
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 4272.0 lumens  
Efficiency: N/A  
Efficacy: 96.0 lumens/watt  
Spacing Criteria (0/90/45): 24.33 / 15.7 / 16.37  
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

TEST NUMBER: P231952

CATALOG NUMBER: FVS4WM-4-LD4-30-1HI-P125-UNV-EDC1

### Luminous Intensity Polar Plot



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



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CATALOG NUMBER: FVS4WM-4-LD4-30-1HI-P125-UNV-EDC1

**COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:**

RF	20				20				20				20				20	
RC	80				70				50				30				10	0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR																		
0	107	107	107	107	99	99	99	99	83	83	83	69	69	69	56	56	56	50
1	91	83	77	71	83	76	70	65	63	58	54	50	47	43	39	36	33	28
2	80	69	60	53	72	63	55	48	51	45	39	40	35	31	30	26	23	18
3	71	59	49	41	64	53	44	37	43	36	30	33	28	23	24	20	17	12
4	64	50	40	33	58	46	37	30	37	30	24	28	23	18	21	16	13	9
5	58	44	34	27	53	40	31	24	32	25	19	25	19	15	18	14	10	6
6	53	39	29	22	48	35	27	20	28	21	16	22	16	12	16	12	8	5
7	49	35	25	19	44	32	23	17	25	19	14	20	14	10	14	10	7	4
8	45	31	22	16	41	28	20	15	23	16	12	18	12	9	13	9	6	3
9	42	28	20	14	38	26	18	13	21	14	10	16	11	7	12	8	5	2
10	39	26	18	12	36	23	16	11	19	13	9	15	10	6	11	7	4	2

**AVERAGE LUMINANCE (cd/sqm):**

	0°	90°	180°	270°
0°	15	15	15	15
5°	472	148	13	148
10°	777	280	12	280
15°	990	419	11	419
20°	1370	563	10	563
25°	1746	856	9	856
30°	2297	1317	9	1317
35°	3241	1826	9	1826
40°	4320	2407	8	2407
45°	5723	3082	8	3082
50°	7861	3818	8	3818
55°	10149	4730	8	4730
60°	11526	5896	8	5896
65°	12514	7453	15	7453
70°	13380	9193	15	9193
75°	14123	11292	15	11292
80°	14998	14854	0	14854
85°	15777	22157	0	22157



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	2.1	0.0
10°-20°	13.9	0.3
20°-30°	38.7	0.9
30°-40°	85.9	2.0
40°-50°	167.6	3.9
50°-60°	296.7	6.9
60°-70°	432.1	10.1
70°-80°	525.8	12.3
80°-90°	573.2	13.4
90°-100°	573.2	13.4
100°-110°	525.8	12.3
110°-120°	432.1	10.1
120°-130°	296.7	6.9
130°-140°	167.6	3.9
140°-150°	85.9	2.0
150°-160°	38.7	0.9
160°-170°	13.9	0.3
170°-180°	2.1	0.0
0°-30°	54.7	1.3
0°-40°	140.6	3.3
0°-60°	604.9	14.2
0°-90°	2136.0	50.0
90°-120°	1531.1	35.8
90°-150°	2081.3	48.7
90°-180°	2136.0	50.0
0°-180°	4272.0	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	1	1	1	1	1	
5°	36	10	1	10	36	4
15°	91	27	1	27	91	28
25°	186	53	1	53	186	90
35°	380	104	1	104	380	245
45°	713	156	1	156	713	573
55°	1300	200	1	200	1300	1147
65°	1598	245	2	245	1598	1579
75°	1743	252	2	252	1743	1844
85°	1821	248	0	248	1821	1483
90°	1817	245	0	245	1817	999
95°	1821	248	0	248	1821	1483
105°	1743	252	2	252	1743	1844
115°	1598	245	2	245	1598	1579
125°	1300	200	1	200	1300	1147
135°	713	156	1	156	713	573
145°	380	104	1	104	380	245
155°	186	53	1	53	186	90
165°	91	27	1	27	91	28
175°	36	10	1	10	36	4
180°	1	1	1	1	1	



TEST NUMBER: P231952

CATALOG NUMBER: FVS4WM-4-LD4-30-1HI-P125-UNV-EDC1

**CANDELA DISTRIBUTION (FULL):**

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
0°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
2.5°	16.4	16.6	16.8	16.9	17.1	17.3	17.5	16.9	16.9	16.8	16.7
5°	35.6	35.9	36.3	36.6	36.9	36.4	36.3	36.2	35.9	35.7	35.3
7.5°	51.0	51.6	52.1	52.7	52.5	52.7	52.7	52.7	52.5	52.3	51.9
10°	65.4	66.2	67.1	67.9	67.9	68.2	68.4	68.4	68.4	68.2	67.8
12.5°	76.0	77.3	78.6	79.4	80.3	81.0	81.6	82.1	82.4	82.5	82.5
15°	91.4	93.0	94.7	95.5	96.4	97.2	97.8	98.1	98.3	98.2	98.0
17.5°	112.6	114.1	115.6	115.8	116.4	116.7	116.8	116.7	116.4	116.0	115.4
20°	136.6	137.6	138.6	138.1	137.9	137.6	136.9	136.2	135.2	134.1	132.9
22.5°	160.6	161.0	161.5	160.2	159.3	158.2	156.8	155.3	153.5	151.6	149.7
25°	185.7	185.7	184.7	183.5	182.0	180.0	177.7	175.0	172.1	169.0	165.6
27.5°	216.4	215.9	214.1	211.9	209.2	206.0	202.2	198.0	193.4	188.4	183.6
30°	257.8	256.7	253.6	250.0	245.5	240.2	234.2	227.4	219.9	211.8	205.5
32.5°	316.5	314.4	309.1	303.2	295.9	287.4	277.7	266.9	255.1	243.8	234.0
35°	380.0	377.5	371.2	364.0	354.9	344.1	331.5	317.3	301.5	286.6	271.3
37.5°	452.1	449.2	441.4	432.6	421.5	408.2	392.9	375.5	356.6	337.6	317.1
40°	524.3	521.9	514.1	504.8	492.8	478.0	460.3	439.9	417.9	394.8	370.0
42.5°	610.9	609.2	600.5	589.9	575.6	557.7	536.0	510.8	485.5	458.1	427.8
45°	712.8	711.3	700.9	688.3	671.3	649.9	624.4	598.7	564.6	530.3	493.8
47.5°	851.3	846.3	828.8	809.1	784.5	755.6	722.9	688.7	652.6	612.7	572.6
50°	996.6	989.2	967.2	942.2	911.0	874.1	832.0	789.4	745.8	699.2	653.0
52.5°	1162.1	1153.5	1126.3	1094.9	1055.1	1007.3	952.0	899.8	842.7	785.9	732.6
55°	1299.6	1294.0	1270.4	1241.6	1202.9	1154.2	1095.4	1025.7	947.1	877.2	811.7
57.5°	1394.9	1395.7	1381.7	1362.0	1332.3	1291.9	1235.8	1151.0	1065.9	974.1	890.2
60°	1479.5	1480.4	1468.6	1453.8	1433.2	1406.9	1347.9	1262.9	1169.3	1069.7	974.4
62.5°	1533.4	1533.7	1529.2	1519.4	1504.4	1484.3	1426.2	1355.4	1261.8	1159.6	1053.0
65°	1597.8	1595.6	1588.1	1576.0	1560.2	1534.8	1489.9	1428.0	1341.4	1238.2	1125.2
67.5°	1645.0	1642.3	1635.1	1623.8	1609.1	1585.8	1549.9	1495.4	1416.8	1311.5	1193.4
70°	1686.3	1682.7	1674.7	1662.7	1646.9	1626.2	1602.7	1556.7	1489.4	1386.3	1264.9
72.5°	1709.4	1711.8	1708.7	1698.4	1679.8	1657.4	1633.9	1606.2	1544.5	1447.3	1329.0
75°	1743.1	1743.0	1738.8	1728.0	1709.0	1683.9	1658.5	1633.7	1592.3	1496.5	1377.2
77.5°	1777.7	1768.2	1758.1	1745.5	1727.4	1708.2	1684.7	1660.6	1621.3	1544.6	1415.3
80°	1797.9	1787.6	1772.8	1756.3	1738.5	1724.2	1707.1	1686.6	1653.5	1583.8	1450.0
82.5°	1813.3	1798.0	1783.2	1765.9	1753.6	1738.3	1721.3	1702.2	1671.6	1606.5	1486.7
85°	1821.0	1802.6	1786.8	1777.6	1764.6	1749.1	1729.7	1708.0	1680.1	1624.3	1508.5
87.5°	1826.8	1797.1	1794.3	1784.7	1767.5	1751.5	1732.7	1710.2	1684.3	1636.2	1515.3
90°	1817.2	1798.9	1790.2	1782.5	1763.3	1749.8	1732.5	1709.4	1683.5	1638.2	1507.4
92.5°	1826.8	1797.1	1794.3	1784.7	1767.5	1751.5	1732.7	1710.2	1684.3	1636.2	1515.3
95°	1821.0	1802.6	1786.8	1777.6	1764.6	1749.1	1729.7	1708.0	1680.1	1624.3	1508.5
97.5°	1813.3	1798.0	1783.2	1765.9	1753.6	1738.3	1721.3	1702.2	1671.6	1606.5	1486.7
100°	1797.9	1787.6	1772.8	1756.3	1738.5	1724.2	1707.1	1686.6	1653.5	1583.8	1450.0
102.5°	1777.7	1768.2	1758.1	1745.5	1727.4	1708.2	1684.7	1660.6	1621.3	1544.6	1415.3
105°	1743.1	1743.0	1738.8	1728.0	1709.0	1683.9	1658.5	1633.7	1592.3	1496.5	1377.2
107.5°	1709.4	1711.8	1708.7	1698.4	1679.8	1657.4	1633.9	1606.2	1544.5	1447.3	1329.0
110°	1686.3	1682.7	1674.7	1662.7	1646.9	1626.2	1602.7	1556.7	1489.4	1386.3	1264.9



TEST NUMBER: P231952

CATALOG NUMBER: FVS4WM-4-LD4-30-1HI-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
112.5°	1645.0	1642.3	1635.1	1623.8	1609.1	1585.8	1549.9	1495.4	1416.8	1311.5	1193.4
115°	1597.8	1595.6	1588.1	1576.0	1560.2	1534.8	1489.9	1428.0	1341.4	1238.2	1125.2
117.5°	1533.4	1533.7	1529.2	1519.4	1504.4	1484.3	1426.2	1355.4	1261.8	1159.6	1053.0
120°	1479.5	1480.4	1468.6	1453.8	1433.2	1406.9	1347.9	1262.9	1169.3	1069.7	974.4
122.5°	1394.9	1395.7	1381.7	1362.0	1332.3	1291.9	1235.8	1151.0	1065.9	974.1	890.2
125°	1299.6	1294.0	1270.4	1241.6	1202.9	1154.2	1095.4	1025.7	947.1	877.2	811.7
127.5°	1162.1	1153.5	1126.3	1094.9	1055.1	1007.3	952.0	899.8	842.7	785.9	732.6
130°	996.6	989.2	967.2	942.2	911.0	874.1	832.0	789.4	745.8	699.2	653.0
132.5°	851.3	846.3	828.8	809.1	784.5	755.6	722.9	688.7	652.6	612.7	572.6
135°	712.8	711.3	700.9	688.3	671.3	649.9	624.4	598.7	564.6	530.3	493.8
137.5°	610.9	609.2	600.5	589.9	575.6	557.7	536.0	510.8	485.5	458.1	427.8
140°	524.3	521.9	514.1	504.8	492.8	478.0	460.3	439.9	417.9	394.8	370.0
142.5°	452.1	449.2	441.4	432.6	421.5	408.2	392.9	375.5	356.6	337.6	317.1
145°	380.0	377.5	371.2	364.0	354.9	344.1	331.5	317.3	301.5	286.6	271.3
147.5°	316.5	314.4	309.1	303.2	295.9	287.4	277.7	266.9	255.1	243.8	234.0
150°	257.8	256.7	253.6	250.0	245.5	240.2	234.2	227.4	219.9	211.8	205.5
152.5°	216.4	215.9	214.1	211.9	209.2	206.0	202.2	198.0	193.4	188.4	183.6
155°	185.7	185.7	184.7	183.5	182.0	180.0	177.7	175.0	172.1	169.0	165.6
157.5°	160.6	161.0	161.5	160.2	159.3	158.2	156.8	155.3	153.5	151.6	149.7
160°	136.6	137.6	138.6	138.1	137.9	137.6	136.9	136.2	135.2	134.1	132.9
162.5°	112.6	114.1	115.6	115.8	116.4	116.7	116.8	116.7	116.4	116.0	115.4
165°	91.4	93.0	94.7	95.5	96.4	97.2	97.8	98.1	98.3	98.2	98.0
167.5°	76.0	77.3	78.6	79.4	80.3	81.0	81.6	82.1	82.4	82.5	82.5
170°	65.4	66.2	67.1	67.9	67.9	68.2	68.4	68.4	68.4	68.2	67.8
172.5°	51.0	51.6	52.1	52.7	52.5	52.7	52.7	52.7	52.5	52.3	51.9
175°	35.6	35.9	36.3	36.6	36.9	36.4	36.3	36.2	35.9	35.7	35.3
177.5°	16.4	16.6	16.8	16.9	17.1	17.3	17.5	16.9	16.9	16.8	16.7
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: P231952

CATALOG NUMBER: FVS4WM-4-LD4-30-1HI-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
0°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
2.5°	16.6	16.4	16.2	16.0	15.8	15.5	15.2	14.9	14.5	14.1	13.7
5°	34.9	34.4	33.8	33.2	32.5	31.7	30.9	30.0	29.1	28.1	27.1
7.5°	51.5	51.0	50.3	49.6	48.8	47.8	46.8	45.7	44.5	43.1	41.5
10°	67.3	66.7	66.0	65.1	64.1	63.0	61.7	60.2	58.6	56.9	55.0
12.5°	82.2	81.8	81.3	80.5	79.5	78.1	76.5	74.7	72.8	70.8	68.5
15°	97.5	96.8	96.0	95.1	94.0	92.7	91.1	89.4	87.3	84.9	82.2
17.5°	114.7	113.8	112.8	111.6	110.0	108.3	106.3	104.1	101.7	99.0	96.1
20°	131.6	130.3	129.0	127.6	126.1	124.5	122.4	119.9	117.0	114.0	110.5
22.5°	147.6	145.7	143.8	141.9	140.1	138.3	136.4	134.6	132.8	129.1	125.4
25°	162.8	160.0	157.3	154.6	152.3	150.2	148.2	146.4	144.4	142.4	140.8
27.5°	179.4	174.9	170.4	166.4	163.3	160.4	158.1	155.9	154.2	152.6	150.7
30°	199.0	192.2	185.7	180.0	174.8	169.5	166.5	163.8	162.6	162.5	162.2
32.5°	223.6	212.8	204.0	195.9	187.8	181.4	177.6	174.6	173.7	172.8	172.4
35°	255.4	240.0	227.6	214.9	205.2	199.1	192.7	189.0	185.3	183.6	182.5
37.5°	295.2	275.8	257.1	242.8	230.7	219.4	211.3	204.3	199.0	195.1	192.8
40°	344.2	319.7	297.4	278.4	260.6	244.8	232.2	221.3	213.8	207.8	203.8
42.5°	398.9	372.6	345.9	320.8	296.9	275.5	255.6	241.9	229.5	221.6	215.5
45°	462.2	428.6	397.6	366.6	337.6	309.2	285.8	263.4	248.7	235.9	227.8
47.5°	531.7	490.6	452.7	414.9	380.8	348.0	317.5	291.8	268.4	252.9	241.0
50°	605.9	559.1	511.2	467.8	426.7	387.9	352.5	320.1	293.6	270.9	254.7
52.5°	678.7	627.0	575.3	522.9	474.2	429.4	388.2	351.5	319.5	291.5	276.9
55°	750.6	691.1	635.5	580.5	524.1	472.1	423.7	383.4	353.1	328.1	308.8
57.5°	820.6	754.3	691.1	632.7	575.4	516.2	467.7	425.7	390.4	363.6	342.2
60°	885.9	813.0	745.1	679.3	623.5	567.5	512.4	465.5	427.5	397.7	374.8
62.5°	952.5	864.3	794.1	729.4	667.8	612.3	555.8	505.2	462.5	428.1	405.5
65°	1014.0	920.4	839.2	772.6	709.1	650.5	594.9	540.2	495.2	458.8	434.2
67.5°	1080.3	976.9	886.6	809.4	744.2	683.8	628.4	574.0	526.8	488.1	459.9
70°	1143.9	1029.6	930.7	842.1	773.6	712.9	656.9	603.4	554.3	514.4	482.8
72.5°	1198.6	1076.1	967.7	874.5	797.2	735.8	681.0	630.2	578.6	538.9	506.8
75°	1247.5	1116.0	997.7	899.8	815.0	753.4	699.2	646.7	597.9	558.3	528.1
77.5°	1286.1	1146.9	1022.2	922.4	833.9	764.5	709.0	659.0	612.5	574.3	546.6
80°	1314.5	1181.2	1054.5	944.1	848.3	771.6	715.2	667.4	623.8	587.3	562.7
82.5°	1342.2	1208.8	1078.1	961.6	858.3	775.0	717.9	672.3	632.0	597.7	577.0
85°	1359.4	1225.2	1092.9	974.1	863.6	774.9	717.5	674.3	637.7	606.2	589.8
87.5°	1365.4	1235.6	1103.0	984.2	866.5	772.9	715.3	674.5	642.0	613.5	601.6
90°	1360.2	1225.6	1096.7	980.3	859.0	764.8	709.0	671.5	643.6	619.5	612.8
92.5°	1365.4	1235.6	1103.0	984.2	866.5	772.9	715.3	674.5	642.0	613.5	601.6
95°	1359.4	1225.2	1092.9	974.1	863.6	774.9	717.5	674.3	637.7	606.2	589.8
97.5°	1342.2	1208.8	1078.1	961.6	858.3	775.0	717.9	672.3	632.0	597.7	577.0
100°	1314.5	1181.2	1054.5	944.1	848.3	771.6	715.2	667.4	623.8	587.3	562.7
102.5°	1286.1	1146.9	1022.2	922.4	833.9	764.5	709.0	659.0	612.5	574.3	546.6
105°	1247.5	1116.0	997.7	899.8	815.0	753.4	699.2	646.7	597.9	558.3	528.1
107.5°	1198.6	1076.1	967.7	874.5	797.2	735.8	681.0	630.2	578.6	538.9	506.8
110°	1143.9	1029.6	930.7	842.1	773.6	712.9	656.9	603.4	554.3	514.4	482.8





TEST NUMBER: P231952

CATALOG NUMBER: FVS4WM-4-LD4-30-1HI-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°	1080.3	976.9	886.6	809.4	744.2	683.8	628.4	574.0	526.8	488.1	459.9
115°	1014.0	920.4	839.2	772.6	709.1	650.5	594.9	540.2	495.2	458.8	434.2
117.5°	952.5	864.3	794.1	729.4	667.8	612.3	555.8	505.2	462.5	428.1	405.5
120°	885.9	813.0	745.1	679.3	623.5	567.5	512.4	465.5	427.5	397.7	374.8
122.5°	820.6	754.3	691.1	632.7	575.4	516.2	467.7	425.7	390.4	363.6	342.2
125°	750.6	691.1	635.5	580.5	524.1	472.1	423.7	383.4	353.1	328.1	308.8
127.5°	678.7	627.0	575.3	522.9	474.2	429.4	388.2	351.5	319.5	291.5	276.9
130°	605.9	559.1	511.2	467.8	426.7	387.9	352.5	320.1	293.6	270.9	254.7
132.5°	531.7	490.6	452.7	414.9	380.8	348.0	317.5	291.8	268.4	252.9	241.0
135°	462.2	428.6	397.6	366.6	337.6	309.2	285.8	263.4	248.7	235.9	227.8
137.5°	398.9	372.6	345.9	320.8	296.9	275.5	255.6	241.9	229.5	221.6	215.5
140°	344.2	319.7	297.4	278.4	260.6	244.8	232.2	221.3	213.8	207.8	203.8
142.5°	295.2	275.8	257.1	242.8	230.7	219.4	211.3	204.3	199.0	195.1	192.8
145°	255.4	240.0	227.6	214.9	205.2	199.1	192.7	189.0	185.3	183.6	182.5
147.5°	223.6	212.8	204.0	195.9	187.8	181.4	177.6	174.6	173.7	172.8	172.4
150°	199.0	192.2	185.7	180.0	174.8	169.5	166.5	163.8	162.6	162.5	162.2
152.5°	179.4	174.9	170.4	166.4	163.3	160.4	158.1	155.9	154.2	152.6	150.7
155°	162.8	160.0	157.3	154.6	152.3	150.2	148.2	146.4	144.4	142.4	140.8
157.5°	147.6	145.7	143.8	141.9	140.1	138.3	136.4	134.6	132.8	129.1	125.4
160°	131.6	130.3	129.0	127.6	126.1	124.5	122.4	119.9	117.0	114.0	110.5
162.5°	114.7	113.8	112.8	111.6	110.0	108.3	106.3	104.1	101.7	99.0	96.1
165°	97.5	96.8	96.0	95.1	94.0	92.7	91.1	89.4	87.3	84.9	82.2
167.5°	82.2	81.8	81.3	80.5	79.5	78.1	76.5	74.7	72.8	70.8	68.5
170°	67.3	66.7	66.0	65.1	64.1	63.0	61.7	60.2	58.6	56.9	55.0
172.5°	51.5	51.0	50.3	49.6	48.8	47.8	46.8	45.7	44.5	43.1	41.5
175°	34.9	34.4	33.8	33.2	32.5	31.7	30.9	30.0	29.1	28.1	27.1
177.5°	16.6	16.4	16.2	16.0	15.8	15.5	15.2	14.9	14.5	14.1	13.7
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: P231952

CATALOG NUMBER: FVS4WM-4-LD4-30-1HI-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
0°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
2.5°	13.3	12.9	12.4	11.9	11.4	10.9	10.3	9.7	9.2	8.6	7.9
5°	26.0	24.8	23.6	22.6	21.6	20.6	19.5	18.4	17.2	16.0	14.8
7.5°	39.9	38.1	36.4	34.5	32.6	30.6	28.6	26.8	25.1	23.4	21.6
10°	53.1	51.0	49.0	46.4	43.9	41.3	38.6	35.9	33.1	30.7	28.3
12.5°	66.1	63.5	60.7	57.8	54.8	51.6	48.4	45.0	41.6	38.1	34.9
15°	79.3	76.2	73.4	69.4	65.7	61.9	57.9	53.9	49.9	45.8	41.6
17.5°	93.3	89.1	85.2	81.2	76.8	72.3	67.6	62.7	58.0	53.3	48.5
20°	106.6	102.5	98.0	93.2	88.2	83.0	77.5	71.8	66.0	60.6	55.3
22.5°	121.3	116.5	111.2	105.6	99.8	93.8	87.5	81.1	74.4	67.8	61.9
25°	135.6	130.8	125.3	118.8	112.7	106.7	100.5	94.1	87.6	80.9	74.8
27.5°	149.5	146.0	141.1	135.8	129.4	122.9	116.2	109.3	102.3	95.2	88.4
30°	161.2	159.9	156.7	151.3	145.5	138.6	131.6	124.2	117.1	109.3	101.9
32.5°	172.1	171.2	169.8	166.1	160.3	153.8	146.6	138.9	130.8	123.0	115.2
35°	181.9	181.6	180.6	179.1	174.3	168.2	160.9	153.8	144.8	136.3	128.5
37.5°	191.7	191.1	190.9	189.6	188.3	181.5	174.7	167.1	158.6	149.5	141.4
40°	201.5	200.4	200.1	199.7	198.4	194.4	187.9	180.4	172.2	162.7	154.1
42.5°	211.5	209.9	209.0	209.0	208.2	206.9	200.3	193.1	185.5	175.7	166.5
45°	222.5	219.0	218.0	217.7	217.8	216.6	212.3	205.5	197.9	188.5	178.7
47.5°	232.8	229.1	226.9	226.2	226.5	227.9	229.5	226.4	222.2	215.2	204.5
50°	245.1	239.7	241.3	245.7	250.7	255.7	259.5	257.6	254.2	247.9	234.4
52.5°	268.1	265.4	267.1	271.1	276.6	282.8	287.6	288.3	285.7	281.3	264.9
55°	297.0	292.2	292.1	295.7	302.0	309.1	315.3	318.5	316.9	313.8	296.0
57.5°	327.0	318.3	316.4	320.4	327.1	334.9	342.5	348.2	347.6	345.2	327.5
60°	355.9	344.8	342.0	344.8	351.6	360.4	369.3	377.2	377.8	376.4	359.3
62.5°	386.1	372.9	367.3	368.7	375.6	385.5	395.7	404.8	407.7	407.4	391.5
65°	415.4	400.2	392.0	392.1	399.2	410.3	421.6	432.2	437.3	438.1	424.0
67.5°	443.0	426.7	416.2	416.0	423.3	434.9	447.4	459.3	466.6	468.6	456.6
70°	468.8	453.2	442.3	439.9	445.0	454.8	465.4	475.5	481.4	478.6	462.3
72.5°	490.1	474.0	460.8	456.2	459.7	467.7	476.5	485.2	491.2	484.6	464.1
75°	508.5	492.2	477.9	472.2	474.8	481.3	488.3	495.0	501.6	491.4	465.8
77.5°	526.8	510.0	494.4	488.1	490.3	495.4	500.7	505.0	512.3	498.9	467.3
80°	544.8	527.4	510.3	503.7	506.0	510.0	513.4	515.1	523.3	506.9	468.5
82.5°	562.5	544.2	525.8	519.2	521.9	524.8	526.5	525.4	534.4	515.0	471.4
85°	579.8	560.6	541.0	534.7	538.0	540.0	540.0	535.5	546.1	524.2	471.1
87.5°	596.9	576.7	555.9	550.1	554.2	555.2	553.3	546.2	556.9	531.5	470.7
90°	612.8	591.6	570.5	565.6	570.5	570.5	566.6	557.0	567.6	538.7	470.4
92.5°	596.9	576.7	555.9	550.1	554.2	555.2	553.3	546.2	556.9	531.5	470.7
95°	579.8	560.6	541.0	534.7	538.0	540.0	540.0	535.5	546.1	524.2	471.1
97.5°	562.5	544.2	525.8	519.2	521.9	524.8	526.5	525.4	534.4	515.0	471.4
100°	544.8	527.4	510.3	503.7	506.0	510.0	513.4	515.1	523.3	506.9	468.5
102.5°	526.8	510.0	494.4	488.1	490.3	495.4	500.7	505.0	512.3	498.9	467.3
105°	508.5	492.2	477.9	472.2	474.8	481.3	488.3	495.0	501.6	491.4	465.8
107.5°	490.1	474.0	460.8	456.2	459.7	467.7	476.5	485.2	491.2	484.6	464.1
110°	468.8	453.2	442.3	439.9	445.0	454.8	465.4	475.5	481.4	478.6	462.3



TEST NUMBER: P231952

CATALOG NUMBER: FVS4WM-4-LD4-30-1HI-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
112.5°	443.0	426.7	416.2	416.0	423.3	434.9	447.4	459.3	466.6	468.6	456.6
115°	415.4	400.2	392.0	392.1	399.2	410.3	421.6	432.2	437.3	438.1	424.0
117.5°	386.1	372.9	367.3	368.7	375.6	385.5	395.7	404.8	407.7	407.4	391.5
120°	355.9	344.8	342.0	344.8	351.6	360.4	369.3	377.2	377.8	376.4	359.3
122.5°	327.0	318.3	316.4	320.4	327.1	334.9	342.5	348.2	347.6	345.2	327.5
125°	297.0	292.2	292.1	295.7	302.0	309.1	315.3	318.5	316.9	313.8	296.0
127.5°	268.1	265.4	267.1	271.1	276.6	282.8	287.6	288.3	285.7	281.3	264.9
130°	245.1	239.7	241.3	245.7	250.7	255.7	259.5	257.6	254.2	247.9	234.4
132.5°	232.8	229.1	226.9	226.2	226.5	227.9	229.5	226.4	222.2	215.2	204.5
135°	222.5	219.0	218.0	217.7	217.8	216.6	212.3	205.5	197.9	188.5	178.7
137.5°	211.5	209.9	209.0	209.0	208.2	206.9	200.3	193.1	185.5	175.7	166.5
140°	201.5	200.4	200.1	199.7	198.4	194.4	187.9	180.4	172.2	162.7	154.1
142.5°	191.7	191.1	190.9	189.6	188.3	181.5	174.7	167.1	158.6	149.5	141.4
145°	181.9	181.6	180.6	179.1	174.3	168.2	160.9	153.8	144.8	136.3	128.5
147.5°	172.1	171.2	169.8	166.1	160.3	153.8	146.6	138.9	130.8	123.0	115.2
150°	161.2	159.9	156.7	151.3	145.5	138.6	131.6	124.2	117.1	109.3	101.9
152.5°	149.5	146.0	141.1	135.8	129.4	122.9	116.2	109.3	102.3	95.2	88.4
155°	135.6	130.8	125.3	118.8	112.7	106.7	100.5	94.1	87.6	80.9	74.8
157.5°	121.3	116.5	111.2	105.6	99.8	93.8	87.5	81.1	74.4	67.8	61.9
160°	106.6	102.5	98.0	93.2	88.2	83.0	77.5	71.8	66.0	60.6	55.3
162.5°	93.3	89.1	85.2	81.2	76.8	72.3	67.6	62.7	58.0	53.3	48.5
165°	79.3	76.2	73.4	69.4	65.7	61.9	57.9	53.9	49.9	45.8	41.6
167.5°	66.1	63.5	60.7	57.8	54.8	51.6	48.4	45.0	41.6	38.1	34.9
170°	53.1	51.0	49.0	46.4	43.9	41.3	38.6	35.9	33.1	30.7	28.3
172.5°	39.9	38.1	36.4	34.5	32.6	30.6	28.6	26.8	25.1	23.4	21.6
175°	26.0	24.8	23.6	22.6	21.6	20.6	19.5	18.4	17.2	16.0	14.8
177.5°	13.3	12.9	12.4	11.9	11.4	10.9	10.3	9.7	9.2	8.6	7.9
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: P231952

CATALOG NUMBER: FVS4WM-4-LD4-30-1HI-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°	92.5°	95°	97.5°	100°	102.5°	105°	107.5°
0°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
2.5°	7.3	6.7	6.0	5.4	5.4	5.3	5.3	5.3	5.2	5.1	5.1
5°	13.6	12.3	11.1	9.8	9.7	9.6	9.5	9.4	9.3	9.1	9.0
7.5°	19.8	17.9	16.0	14.1	14.0	13.8	13.6	13.4	13.2	13.0	12.7
10°	25.9	23.5	21.0	18.5	18.3	18.0	17.7	17.4	17.0	16.7	16.4
12.5°	32.0	29.0	26.0	22.9	22.5	22.1	21.7	21.2	20.8	20.5	20.1
15°	38.0	34.5	30.9	27.3	26.7	26.2	25.6	25.0	24.6	24.2	23.8
17.5°	43.9	39.9	35.8	31.6	30.9	30.2	29.4	28.8	28.4	27.9	27.4
20°	49.9	45.3	40.7	36.0	35.1	34.1	33.2	32.7	32.2	31.6	31.0
22.5°	56.0	50.6	45.5	40.4	39.3	38.1	37.1	36.5	35.9	35.2	34.5
25°	68.9	63.3	58.4	53.2	52.1	50.8	49.7	48.7	47.4	45.5	43.5
27.5°	82.2	76.1	71.2	66.0	65.1	63.9	63.1	62.2	60.5	58.3	55.7
30°	95.3	88.7	83.9	78.9	78.1	77.1	76.6	75.8	73.5	70.9	67.3
32.5°	108.3	101.5	96.5	91.7	91.2	90.5	90.2	89.1	86.3	82.8	78.2
35°	121.1	114.1	109.1	104.5	104.3	104.0	103.9	102.2	99.0	94.1	88.6
37.5°	133.7	126.7	121.5	117.3	117.4	117.5	117.7	115.2	111.6	104.9	98.1
40°	146.1	139.1	133.9	130.2	130.6	131.0	131.6	128.1	122.9	115.4	106.9
42.5°	158.4	151.4	146.2	143.0	143.8	144.7	145.5	140.9	134.1	125.7	115.1
45°	170.7	163.6	158.4	155.8	157.1	158.4	158.6	153.6	144.9	134.4	122.7
47.5°	193.5	182.6	173.3	166.9	165.4	164.4	162.5	157.2	148.1	137.8	126.8
50°	218.4	202.6	188.5	178.0	173.4	169.7	165.2	158.3	148.6	138.0	127.7
52.5°	244.3	223.1	204.0	189.2	181.2	174.7	167.7	159.2	149.1	138.7	129.5
55°	271.0	244.1	219.7	200.3	188.9	179.3	170.0	160.1	149.8	139.8	131.9
57.5°	298.4	265.6	235.7	211.4	196.3	183.6	172.1	161.2	150.8	141.5	135.1
60°	326.6	287.4	251.8	222.5	203.6	187.6	174.1	162.3	152.1	144.1	139.1
62.5°	355.2	309.6	268.1	233.7	210.7	191.4	175.9	163.5	153.8	147.2	144.0
65°	384.4	332.1	284.5	244.8	217.8	195.0	177.7	164.8	155.7	150.7	149.6
67.5°	413.9	354.8	301.0	255.9	224.7	198.4	179.3	166.2	157.9	154.6	155.8
70°	416.9	355.9	300.6	254.7	223.1	196.9	178.1	165.3	157.5	155.3	157.8
72.5°	417.5	355.9	299.9	253.5	221.4	195.3	176.9	164.1	156.6	154.5	157.1
75°	417.7	355.8	300.7	252.4	219.8	193.9	175.7	163.1	155.8	153.7	156.2
77.5°	417.6	355.4	299.4	251.2	218.3	192.6	174.7	162.1	155.0	152.8	155.2
80°	417.0	356.6	298.0	250.0	216.8	191.4	173.8	161.2	154.2	151.8	154.2
82.5°	417.6	355.0	296.6	248.8	215.4	190.3	173.0	160.5	153.6	150.9	153.0
85°	415.3	353.4	295.2	247.7	214.1	189.3	172.3	159.8	153.0	149.9	151.7
87.5°	413.1	351.8	293.8	246.5	212.8	188.4	171.7	159.2	152.5	149.0	150.4
90°	410.8	350.2	292.4	245.3	211.6	187.6	171.2	158.7	152.0	148.1	149.1
92.5°	413.1	351.8	293.8	246.5	212.8	188.4	171.7	159.2	152.5	149.0	150.4
95°	415.3	353.4	295.2	247.7	214.1	189.3	172.3	159.8	153.0	149.9	151.7
97.5°	417.6	355.0	296.6	248.8	215.4	190.3	173.0	160.5	153.6	150.9	153.0
100°	417.0	356.6	298.0	250.0	216.8	191.4	173.8	161.2	154.2	151.8	154.2
102.5°	417.6	355.4	299.4	251.2	218.3	192.6	174.7	162.1	155.0	152.8	155.2
105°	417.7	355.8	300.7	252.4	219.8	193.9	175.7	163.1	155.8	153.7	156.2
107.5°	417.5	355.9	299.9	253.5	221.4	195.3	176.9	164.1	156.6	154.5	157.1
110°	416.9	355.9	300.6	254.7	223.1	196.9	178.1	165.3	157.5	155.3	157.8



TEST NUMBER: P231952

CATALOG NUMBER: FVS4WM-4-LD4-30-1HI-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°	413.9	354.8	301.0	255.9	224.7	198.4	179.3	166.2	157.9	154.6	155.8
115°	384.4	332.1	284.5	244.8	217.8	195.0	177.7	164.8	155.7	150.7	149.6
117.5°	355.2	309.6	268.1	233.7	210.7	191.4	175.9	163.5	153.8	147.2	144.0
120°	326.6	287.4	251.8	222.5	203.6	187.6	174.1	162.3	152.1	144.1	139.1
122.5°	298.4	265.6	235.7	211.4	196.3	183.6	172.1	161.2	150.8	141.5	135.1
125°	271.0	244.1	219.7	200.3	188.9	179.3	170.0	160.1	149.8	139.8	131.9
127.5°	244.3	223.1	204.0	189.2	181.2	174.7	167.7	159.2	149.1	138.7	129.5
130°	218.4	202.6	188.5	178.0	173.4	169.7	165.2	158.3	148.6	138.0	127.7
132.5°	193.5	182.6	173.3	166.9	165.4	164.4	162.5	157.2	148.1	137.8	126.8
135°	170.7	163.6	158.4	155.8	157.1	158.4	158.6	153.6	144.9	134.4	122.7
137.5°	158.4	151.4	146.2	143.0	143.8	144.7	145.5	140.9	134.1	125.7	115.1
140°	146.1	139.1	133.9	130.2	130.6	131.0	131.6	128.1	122.9	115.4	106.9
142.5°	133.7	126.7	121.5	117.3	117.4	117.5	117.7	115.2	111.6	104.9	98.1
145°	121.1	114.1	109.1	104.5	104.3	104.0	103.9	102.2	99.0	94.1	88.6
147.5°	108.3	101.5	96.5	91.7	91.2	90.5	90.2	89.1	86.3	82.8	78.2
150°	95.3	88.7	83.9	78.9	78.1	77.1	76.6	75.8	73.5	70.9	67.3
152.5°	82.2	76.1	71.2	66.0	65.1	63.9	63.1	62.2	60.5	58.3	55.7
155°	68.9	63.3	58.4	53.2	52.1	50.8	49.7	48.7	47.4	45.5	43.5
157.5°	56.0	50.6	45.5	40.4	39.3	38.1	37.1	36.5	35.9	35.2	34.5
160°	49.9	45.3	40.7	36.0	35.1	34.1	33.2	32.7	32.2	31.6	31.0
162.5°	43.9	39.9	35.8	31.6	30.9	30.2	29.4	28.8	28.4	27.9	27.4
165°	38.0	34.5	30.9	27.3	26.7	26.2	25.6	25.0	24.6	24.2	23.8
167.5°	32.0	29.0	26.0	22.9	22.5	22.1	21.7	21.2	20.8	20.5	20.1
170°	25.9	23.5	21.0	18.5	18.3	18.0	17.7	17.4	17.0	16.7	16.4
172.5°	19.8	17.9	16.0	14.1	14.0	13.8	13.6	13.4	13.2	13.0	12.7
175°	13.6	12.3	11.1	9.8	9.7	9.6	9.5	9.4	9.3	9.1	9.0
177.5°	7.3	6.7	6.0	5.4	5.4	5.3	5.3	5.3	5.2	5.1	5.1
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: P231952

CATALOG NUMBER: FVS4WM-4-LD4-30-1HI-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
0°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
2.5°	5.0	4.9	4.8	4.8	4.7	4.5	4.4	4.3	4.2	4.1	3.9
5°	8.8	8.6	8.4	8.2	8.0	7.8	7.6	7.4	7.2	6.9	6.7
7.5°	12.4	12.2	12.0	11.7	11.4	11.1	10.8	10.5	10.1	9.8	9.4
10°	16.1	15.8	15.5	15.1	14.7	14.3	13.9	13.4	13.0	12.5	12.0
12.5°	19.8	19.4	18.9	18.5	18.0	17.4	16.9	16.3	15.7	15.1	14.5
15°	23.4	22.8	22.3	21.7	21.1	20.5	19.8	19.1	18.4	17.7	16.9
17.5°	26.8	26.2	25.6	24.9	24.2	23.4	22.6	21.8	21.0	20.2	19.3
20°	30.3	29.6	28.8	28.0	27.2	26.3	25.4	24.5	23.6	22.6	21.6
22.5°	33.7	32.9	32.0	31.1	30.1	29.2	28.2	27.1	26.0	24.9	23.8
25°	41.2	38.9	36.4	34.1	33.1	32.0	30.8	29.6	28.4	27.2	25.9
27.5°	52.7	49.6	46.5	43.4	40.3	37.4	34.6	32.1	30.8	29.4	28.1
30°	63.5	59.5	55.4	51.6	47.9	44.3	41.1	38.0	35.1	32.4	30.1
32.5°	73.4	68.3	63.4	58.8	54.4	50.3	46.5	43.2	39.9	36.9	34.0
35°	82.4	76.3	70.5	65.0	60.0	55.5	51.4	47.6	44.0	40.6	37.5
37.5°	90.7	83.6	76.7	70.7	65.0	60.2	55.6	51.4	47.5	43.8	40.6
40°	98.2	90.0	82.5	75.5	69.6	64.2	59.3	54.7	50.4	46.8	43.6
42.5°	105.2	95.8	87.5	80.1	73.7	67.9	62.4	57.5	53.2	49.5	45.8
45°	111.6	101.4	92.0	84.4	77.5	71.1	65.3	60.1	55.8	51.6	47.5
47.5°	116.2	106.2	96.6	88.3	80.9	74.0	67.7	62.7	57.9	53.2	49.0
50°	118.1	109.3	101.4	93.5	85.3	76.8	70.3	64.8	59.5	54.6	50.0
52.5°	121.2	113.8	107.5	100.4	92.6	84.2	76.3	68.5	60.9	55.5	50.4
55°	125.4	119.8	114.6	108.2	100.4	92.0	83.5	75.1	66.8	58.7	51.0
57.5°	130.5	126.7	122.4	116.5	108.7	99.5	90.4	81.4	72.4	63.4	55.6
60°	136.4	134.5	131.0	125.1	116.8	107.0	97.2	87.4	77.4	68.0	59.8
62.5°	143.2	143.0	140.3	134.0	124.7	114.3	103.8	93.1	82.0	72.6	63.6
65°	150.8	151.9	150.1	143.3	132.6	121.5	110.2	98.3	86.7	76.8	67.1
67.5°	158.9	161.1	159.4	152.3	140.6	128.8	116.5	103.3	91.5	80.8	70.7
70°	162.8	166.8	166.6	160.3	148.5	135.9	122.7	108.1	96.2	84.7	74.1
72.5°	162.1	166.2	166.0	160.2	150.4	139.2	126.2	112.4	100.7	88.5	77.3
75°	161.4	165.7	165.9	160.8	152.2	141.2	127.9	114.1	101.6	89.9	79.2
77.5°	160.5	165.3	166.2	162.2	154.5	143.6	130.0	115.9	102.8	90.8	80.0
80°	159.6	165.0	166.8	164.2	157.4	146.5	132.5	117.8	104.3	92.1	81.3
82.5°	158.6	164.7	167.6	166.6	160.7	149.7	135.5	120.0	106.2	93.6	82.9
85°	157.4	164.4	168.5	169.3	164.3	153.3	138.9	122.5	108.5	95.6	85.0
87.5°	156.2	164.0	169.4	172.2	168.2	157.3	142.9	125.4	111.3	98.1	87.5
90°	154.9	163.5	170.3	175.1	172.2	161.6	147.2	128.9	114.5	101.0	90.4
92.5°	156.2	164.0	169.4	172.2	168.2	157.3	142.9	125.4	111.3	98.1	87.5
95°	157.4	164.4	168.5	169.3	164.3	153.3	138.9	122.5	108.5	95.6	85.0
97.5°	158.6	164.7	167.6	166.6	160.7	149.7	135.5	120.0	106.2	93.6	82.9
100°	159.6	165.0	166.8	164.2	157.4	146.5	132.5	117.8	104.3	92.1	81.3
102.5°	160.5	165.3	166.2	162.2	154.5	143.6	130.0	115.9	102.8	90.8	80.0
105°	161.4	165.7	165.9	160.8	152.2	141.2	127.9	114.1	101.6	89.9	79.2
107.5°	162.1	166.2	166.0	160.2	150.4	139.2	126.2	112.4	100.7	88.5	77.3
110°	162.8	166.8	166.6	160.3	148.5	135.9	122.7	108.1	96.2	84.7	74.1



TEST NUMBER: P231952

CATALOG NUMBER: FVS4WM-4-LD4-30-1HI-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	110°	112.5°	115°	117.5°	120°	122.5°	125°	127.5°	130°	132.5°	135°
112.5°	158.9	161.1	159.4	152.3	140.6	128.8	116.5	103.3	91.5	80.8	70.7
115°	150.8	151.9	150.1	143.3	132.6	121.5	110.2	98.3	86.7	76.8	67.1
117.5°	143.2	143.0	140.3	134.0	124.7	114.3	103.8	93.1	82.0	72.6	63.6
120°	136.4	134.5	131.0	125.1	116.8	107.0	97.2	87.4	77.4	68.0	59.8
122.5°	130.5	126.7	122.4	116.5	108.7	99.5	90.4	81.4	72.4	63.4	55.6
125°	125.4	119.8	114.6	108.2	100.4	92.0	83.5	75.1	66.8	58.7	51.0
127.5°	121.2	113.8	107.5	100.4	92.6	84.2	76.3	68.5	60.9	55.5	50.4
130°	118.1	109.3	101.4	93.5	85.3	76.8	70.3	64.8	59.5	54.6	50.0
132.5°	116.2	106.2	96.6	88.3	80.9	74.0	67.7	62.7	57.9	53.2	49.0
135°	111.6	101.4	92.0	84.4	77.5	71.1	65.3	60.1	55.8	51.6	47.5
137.5°	105.2	95.8	87.5	80.1	73.7	67.9	62.4	57.5	53.2	49.5	45.8
140°	98.2	90.0	82.5	75.5	69.6	64.2	59.3	54.7	50.4	46.8	43.6
142.5°	90.7	83.6	76.7	70.7	65.0	60.2	55.6	51.4	47.5	43.8	40.6
145°	82.4	76.3	70.5	65.0	60.0	55.5	51.4	47.6	44.0	40.6	37.5
147.5°	73.4	68.3	63.4	58.8	54.4	50.3	46.5	43.2	39.9	36.9	34.0
150°	63.5	59.5	55.4	51.6	47.9	44.3	41.1	38.0	35.1	32.4	30.1
152.5°	52.7	49.6	46.5	43.4	40.3	37.4	34.6	32.1	30.8	29.4	28.1
155°	41.2	38.9	36.4	34.1	33.1	32.0	30.8	29.6	28.4	27.2	25.9
157.5°	33.7	32.9	32.0	31.1	30.1	29.2	28.2	27.1	26.0	24.9	23.8
160°	30.3	29.6	28.8	28.0	27.2	26.3	25.4	24.5	23.6	22.6	21.6
162.5°	26.8	26.2	25.6	24.9	24.2	23.4	22.6	21.8	21.0	20.2	19.3
165°	23.4	22.8	22.3	21.7	21.1	20.5	19.8	19.1	18.4	17.7	16.9
167.5°	19.8	19.4	18.9	18.5	18.0	17.4	16.9	16.3	15.7	15.1	14.5
170°	16.1	15.8	15.5	15.1	14.7	14.3	13.9	13.4	13.0	12.5	12.0
172.5°	12.4	12.2	12.0	11.7	11.4	11.1	10.8	10.5	10.1	9.8	9.4
175°	8.8	8.6	8.4	8.2	8.0	7.8	7.6	7.4	7.2	6.9	6.7
177.5°	5.0	4.9	4.8	4.8	4.7	4.5	4.4	4.3	4.2	4.1	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: P231952

CATALOG NUMBER: FVS4WM-4-LD4-30-1HI-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	137.5°	140°	142.5°	145°	147.5°	150°	152.5°	155°	157.5°	160°	162.5°
0°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
2.5°	3.8	3.7	3.5	3.4	3.2	3.1	2.9	2.7	2.6	2.4	2.2
5°	6.4	6.2	5.9	5.6	5.3	5.0	4.7	4.4	4.0	3.7	3.4
7.5°	9.0	8.6	8.2	7.7	7.3	6.9	6.4	5.9	5.5	5.0	4.5
10°	11.5	10.9	10.4	9.8	9.2	8.6	8.0	7.4	6.8	6.2	5.6
12.5°	13.8	13.2	12.5	11.8	11.1	10.4	9.6	8.9	8.1	7.4	6.6
15°	16.2	15.4	14.6	13.7	12.9	12.0	11.2	10.3	9.4	8.5	7.5
17.5°	18.4	17.5	16.5	15.6	14.6	13.6	12.6	11.6	10.6	9.5	8.5
20°	20.6	19.5	18.4	17.3	16.2	15.1	14.0	12.9	11.7	10.5	9.4
22.5°	22.6	21.5	20.3	19.1	17.9	16.6	15.4	14.1	12.8	11.5	10.2
25°	24.7	23.4	22.1	20.8	19.4	18.0	16.7	15.3	13.9	12.5	11.1
27.5°	26.7	25.3	23.8	22.4	20.9	19.4	17.9	16.4	15.0	13.5	12.0
30°	28.6	27.1	25.5	24.0	22.4	21.0	19.5	18.0	16.4	14.7	13.0
32.5°	31.2	28.9	27.3	25.9	24.4	22.8	21.0	19.2	17.4	15.7	14.0
35°	34.6	32.2	30.0	27.9	26.0	24.1	22.4	20.7	18.9	17.1	15.1
37.5°	37.9	35.3	32.5	29.9	27.8	26.1	24.3	22.2	20.1	18.0	15.9
40°	40.5	37.3	34.6	32.2	30.0	27.7	25.5	23.3	21.1	18.9	16.7
42.5°	42.3	39.3	36.5	33.7	31.1	28.8	26.7	24.4	22.1	19.7	17.4
45°	44.0	40.7	37.4	34.4	31.8	29.5	27.3	25.4	22.8	20.1	17.5
47.5°	45.1	41.2	37.9	34.9	32.2	29.7	27.3	25.0	22.9	20.2	17.5
50°	45.5	41.6	38.2	35.0	32.1	29.4	26.8	24.4	22.2	20.1	17.3
52.5°	45.8	41.8	38.1	34.7	31.7	28.7	25.9	23.6	21.4	19.6	17.7
55°	45.9	41.6	37.7	34.3	30.9	27.7	25.2	23.0	21.1	19.4	17.5
57.5°	48.4	41.6	37.4	33.5	29.8	27.2	24.8	22.6	20.5	18.4	16.5
60°	52.0	45.1	38.5	32.4	29.5	26.8	24.3	21.8	19.6	17.6	15.9
62.5°	55.4	48.0	40.8	35.0	29.9	26.2	23.5	21.2	19.1	17.6	15.9
65°	58.6	50.5	43.4	37.4	32.0	27.1	23.1	21.1	19.5	17.5	15.2
67.5°	61.5	53.0	45.8	39.5	33.9	29.0	24.8	21.8	19.5	17.1	14.4
70°	64.3	55.7	48.1	41.4	35.8	30.6	26.5	22.9	19.5	16.4	13.5
72.5°	67.2	58.2	50.3	43.6	37.5	32.0	27.6	23.1	19.1	15.7	12.8
75°	69.6	60.7	52.4	45.8	39.0	33.3	27.7	22.7	18.4	14.7	12.1
77.5°	70.4	61.5	53.8	47.3	40.4	34.1	27.6	22.1	17.6	13.6	10.3
80°	71.5	62.5	54.9	47.7	40.7	34.0	27.4	21.7	16.8	11.9	8.2
82.5°	72.9	63.8	56.1	48.4	41.1	33.9	27.3	21.7	16.0	10.5	6.2
85°	74.8	65.5	57.6	49.5	41.7	34.3	27.7	22.0	15.8	10.3	5.7
87.5°	77.1	67.6	59.4	50.9	42.8	35.2	28.5	22.8	16.2	10.6	5.9
90°	79.8	70.2	61.6	52.9	44.3	36.6	29.8	24.0	17.3	11.5	6.7
92.5°	77.1	67.6	59.4	50.9	42.8	35.2	28.5	22.8	16.2	10.6	5.9
95°	74.8	65.5	57.6	49.5	41.7	34.3	27.7	22.0	15.8	10.3	5.7
97.5°	72.9	63.8	56.1	48.4	41.1	33.9	27.3	21.7	16.0	10.5	6.2
100°	71.5	62.5	54.9	47.7	40.7	34.0	27.4	21.7	16.8	11.9	8.2
102.5°	70.4	61.5	53.8	47.3	40.4	34.1	27.6	22.1	17.6	13.6	10.3
105°	69.6	60.7	52.4	45.8	39.0	33.3	27.7	22.7	18.4	14.7	12.1
107.5°	67.2	58.2	50.3	43.6	37.5	32.0	27.6	23.1	19.1	15.7	12.8
110°	64.3	55.7	48.1	41.4	35.8	30.6	26.5	22.9	19.5	16.4	13.5





TEST NUMBER: P231952

CATALOG NUMBER: FVS4WM-4-LD4-30-1HI-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°	61.5	53.0	45.8	39.5	33.9	29.0	24.8	21.8	19.5	17.1	14.4
115°	58.6	50.5	43.4	37.4	32.0	27.1	23.1	21.1	19.5	17.5	15.2
117.5°	55.4	48.0	40.8	35.0	29.9	26.2	23.5	21.2	19.1	17.6	15.9
120°	52.0	45.1	38.5	32.4	29.5	26.8	24.3	21.8	19.6	17.6	15.9
122.5°	48.4	41.6	37.4	33.5	29.8	27.2	24.8	22.6	20.5	18.4	16.5
125°	45.9	41.6	37.7	34.3	30.9	27.7	25.2	23.0	21.1	19.4	17.5
127.5°	45.8	41.8	38.1	34.7	31.7	28.7	25.9	23.6	21.4	19.6	17.7
130°	45.5	41.6	38.2	35.0	32.1	29.4	26.8	24.4	22.2	20.1	17.3
132.5°	45.1	41.2	37.9	34.9	32.2	29.7	27.3	25.0	22.9	20.2	17.5
135°	44.0	40.7	37.4	34.4	31.8	29.5	27.3	25.4	22.8	20.1	17.5
137.5°	42.3	39.3	36.5	33.7	31.1	28.8	26.7	24.4	22.1	19.7	17.4
140°	40.5	37.3	34.6	32.2	30.0	27.7	25.5	23.3	21.1	18.9	16.7
142.5°	37.9	35.3	32.5	29.9	27.8	26.1	24.3	22.2	20.1	18.0	15.9
145°	34.6	32.2	30.0	27.9	26.0	24.1	22.4	20.7	18.9	17.1	15.1
147.5°	31.2	28.9	27.3	25.9	24.4	22.8	21.0	19.2	17.4	15.7	14.0
150°	28.6	27.1	25.5	24.0	22.4	21.0	19.5	18.0	16.4	14.7	13.0
152.5°	26.7	25.3	23.8	22.4	20.9	19.4	17.9	16.4	15.0	13.5	12.0
155°	24.7	23.4	22.1	20.8	19.4	18.0	16.7	15.3	13.9	12.5	11.1
157.5°	22.6	21.5	20.3	19.1	17.9	16.6	15.4	14.1	12.8	11.5	10.2
160°	20.6	19.5	18.4	17.3	16.2	15.1	14.0	12.9	11.7	10.5	9.4
162.5°	18.4	17.5	16.5	15.6	14.6	13.6	12.6	11.6	10.6	9.5	8.5
165°	16.2	15.4	14.6	13.7	12.9	12.0	11.2	10.3	9.4	8.5	7.5
167.5°	13.8	13.2	12.5	11.8	11.1	10.4	9.6	8.9	8.1	7.4	6.6
170°	11.5	10.9	10.4	9.8	9.2	8.6	8.0	7.4	6.8	6.2	5.6
172.5°	9.0	8.6	8.2	7.7	7.3	6.9	6.4	5.9	5.5	5.0	4.5
175°	6.4	6.2	5.9	5.6	5.3	5.0	4.7	4.4	4.0	3.7	3.4
177.5°	3.8	3.7	3.5	3.4	3.2	3.1	2.9	2.7	2.6	2.4	2.2
180°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0



TEST NUMBER: P231952

CATALOG NUMBER: FVS4WM-4-LD4-30-1HI-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
0°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
2.5°	2.1	1.9	1.7	1.5	1.4	1.2	1.0	1.2	1.4	1.5	1.7
5°	3.1	2.7	2.4	2.0	1.7	1.3	1.0	1.3	1.7	2.0	2.4
7.5°	4.0	3.5	3.0	2.5	2.0	1.5	1.0	1.5	2.0	2.5	3.0
10°	4.9	4.3	3.6	3.0	2.3	1.7	1.0	1.7	2.3	3.0	3.6
12.5°	5.8	5.0	4.2	3.4	2.6	1.8	1.0	1.8	2.6	3.4	4.2
15°	6.6	5.7	4.8	3.8	2.9	1.9	1.0	1.9	2.9	3.8	4.8
17.5°	7.4	6.4	5.3	4.2	3.1	2.1	1.0	2.1	3.1	4.2	5.3
20°	8.2	7.0	5.8	4.6	3.4	2.2	1.0	2.2	3.4	4.6	5.8
22.5°	8.9	7.6	6.3	5.0	3.6	2.3	1.0	2.3	3.6	5.0	6.3
25°	9.6	8.2	6.8	5.3	3.9	2.4	1.0	2.4	3.9	5.3	6.8
27.5°	10.5	9.0	7.4	5.8	4.2	2.6	1.0	2.6	4.2	5.8	7.4
30°	11.3	9.6	7.9	6.2	4.5	2.7	1.0	2.7	4.5	6.2	7.9
32.5°	12.2	10.4	8.5	6.7	4.8	2.9	1.0	2.9	4.8	6.7	8.5
35°	13.1	11.1	9.1	7.0	5.0	3.0	1.0	3.0	5.0	7.0	9.1
37.5°	13.7	11.6	9.5	7.4	5.3	3.1	1.0	3.1	5.3	7.4	9.5
40°	14.4	12.2	9.9	7.7	5.5	3.2	1.0	3.2	5.5	7.7	9.9
42.5°	14.9	12.5	10.1	7.8	5.5	3.3	1.0	3.3	5.5	7.8	10.1
45°	15.0	12.5	10.1	7.8	5.5	3.2	1.0	3.2	5.5	7.8	10.1
47.5°	14.9	12.4	10.0	7.7	5.4	3.2	1.0	3.2	5.4	7.7	10.0
50°	14.8	12.5	10.2	7.9	5.6	3.3	1.0	3.3	5.6	7.9	10.2
52.5°	15.3	12.7	10.2	7.8	5.5	3.2	1.0	3.2	5.5	7.8	10.2
55°	15.0	12.4	9.9	7.5	5.3	3.1	1.0	3.1	5.3	7.5	9.9
57.5°	14.5	12.0	9.8	7.6	5.4	3.2	1.0	3.2	5.4	7.6	9.8
60°	14.3	12.3	9.7	7.3	5.1	3.0	1.0	3.0	5.1	7.3	9.7
62.5°	13.7	11.5	9.1	7.0	5.2	3.5	1.9	3.5	5.2	7.0	9.1
65°	12.8	10.5	8.4	6.5	4.8	3.3	1.9	3.3	4.8	6.5	8.4
67.5°	11.8	9.5	7.4	5.6	4.2	3.0	1.9	3.0	4.2	5.6	7.4
70°	10.9	8.6	6.4	4.9	3.8	2.8	1.9	2.8	3.8	4.9	6.4
72.5°	10.4	8.0	5.9	4.0	2.9	2.3	1.9	2.3	2.9	4.0	5.9
75°	9.7	7.1	4.7	3.2	2.7	2.3	1.9	2.3	2.7	3.2	4.7
77.5°	7.8	5.8	3.7	2.4	1.1	0.2	0.0	0.2	1.1	2.4	3.7
80°	5.5	3.7	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.9
82.5°	3.6	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	2.7	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	2.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90°	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.5°	2.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95°	2.7	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.5°	3.6	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100°	5.5	3.7	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.9
102.5°	7.8	5.8	3.7	2.4	1.1	0.2	0.0	0.2	1.1	2.4	3.7
105°	9.7	7.1	4.7	3.2	2.7	2.3	1.9	2.3	2.7	3.2	4.7
107.5°	10.4	8.0	5.9	4.0	2.9	2.3	1.9	2.3	2.9	4.0	5.9
110°	10.9	8.6	6.4	4.9	3.8	2.8	1.9	2.8	3.8	4.9	6.4



TEST NUMBER: P231952

CATALOG NUMBER: FVS4WM-4-LD4-30-1HI-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	165°	167.5°	170°	172.5°	175°	177.5°	180°	182.5°	185°	187.5°	190°
112.5°	11.8	9.5	7.4	5.6	4.2	3.0	1.9	3.0	4.2	5.6	7.4
115°	12.8	10.5	8.4	6.5	4.8	3.3	1.9	3.3	4.8	6.5	8.4
117.5°	13.7	11.5	9.1	7.0	5.2	3.5	1.9	3.5	5.2	7.0	9.1
120°	14.3	12.3	9.7	7.3	5.1	3.0	1.0	3.0	5.1	7.3	9.7
122.5°	14.5	12.0	9.8	7.6	5.4	3.2	1.0	3.2	5.4	7.6	9.8
125°	15.0	12.4	9.9	7.5	5.3	3.1	1.0	3.1	5.3	7.5	9.9
127.5°	15.3	12.7	10.2	7.8	5.5	3.2	1.0	3.2	5.5	7.8	10.2
130°	14.8	12.5	10.2	7.9	5.6	3.3	1.0	3.3	5.6	7.9	10.2
132.5°	14.9	12.4	10.0	7.7	5.4	3.2	1.0	3.2	5.4	7.7	10.0
135°	15.0	12.5	10.1	7.8	5.5	3.2	1.0	3.2	5.5	7.8	10.1
137.5°	14.9	12.5	10.1	7.8	5.5	3.3	1.0	3.3	5.5	7.8	10.1
140°	14.4	12.2	9.9	7.7	5.5	3.2	1.0	3.2	5.5	7.7	9.9
142.5°	13.7	11.6	9.5	7.4	5.3	3.1	1.0	3.1	5.3	7.4	9.5
145°	13.1	11.1	9.1	7.0	5.0	3.0	1.0	3.0	5.0	7.0	9.1
147.5°	12.2	10.4	8.5	6.7	4.8	2.9	1.0	2.9	4.8	6.7	8.5
150°	11.3	9.6	7.9	6.2	4.5	2.7	1.0	2.7	4.5	6.2	7.9
152.5°	10.5	9.0	7.4	5.8	4.2	2.6	1.0	2.6	4.2	5.8	7.4
155°	9.6	8.2	6.8	5.3	3.9	2.4	1.0	2.4	3.9	5.3	6.8
157.5°	8.9	7.6	6.3	5.0	3.6	2.3	1.0	2.3	3.6	5.0	6.3
160°	8.2	7.0	5.8	4.6	3.4	2.2	1.0	2.2	3.4	4.6	5.8
162.5°	7.4	6.4	5.3	4.2	3.1	2.1	1.0	2.1	3.1	4.2	5.3
165°	6.6	5.7	4.8	3.8	2.9	1.9	1.0	1.9	2.9	3.8	4.8
167.5°	5.8	5.0	4.2	3.4	2.6	1.8	1.0	1.8	2.6	3.4	4.2
170°	4.9	4.3	3.6	3.0	2.3	1.7	1.0	1.7	2.3	3.0	3.6
172.5°	4.0	3.5	3.0	2.5	2.0	1.5	1.0	1.5	2.0	2.5	3.0
175°	3.1	2.7	2.4	2.0	1.7	1.3	1.0	1.3	1.7	2.0	2.4
177.5°	2.1	1.9	1.7	1.5	1.4	1.2	1.0	1.2	1.4	1.5	1.7
180°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0



TEST NUMBER: P231952

CATALOG NUMBER: FVS4WM-4-LD4-30-1HI-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
0°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
2.5°	1.9	2.1	2.2	2.4	2.6	2.7	2.9	3.1	3.2	3.4	3.5
5°	2.7	3.1	3.4	3.7	4.0	4.4	4.7	5.0	5.3	5.6	5.9
7.5°	3.5	4.0	4.5	5.0	5.5	5.9	6.4	6.9	7.3	7.7	8.2
10°	4.3	4.9	5.6	6.2	6.8	7.4	8.0	8.6	9.2	9.8	10.4
12.5°	5.0	5.8	6.6	7.4	8.1	8.9	9.6	10.4	11.1	11.8	12.5
15°	5.7	6.6	7.5	8.5	9.4	10.3	11.2	12.0	12.9	13.7	14.6
17.5°	6.4	7.4	8.5	9.5	10.6	11.6	12.6	13.6	14.6	15.6	16.5
20°	7.0	8.2	9.4	10.5	11.7	12.9	14.0	15.1	16.2	17.3	18.4
22.5°	7.6	8.9	10.2	11.5	12.8	14.1	15.4	16.6	17.9	19.1	20.3
25°	8.2	9.6	11.1	12.5	13.9	15.3	16.7	18.0	19.4	20.8	22.1
27.5°	9.0	10.5	12.0	13.5	15.0	16.4	17.9	19.4	20.9	22.4	23.8
30°	9.6	11.3	13.0	14.7	16.4	18.0	19.5	21.0	22.4	24.0	25.5
32.5°	10.4	12.2	14.0	15.7	17.4	19.2	21.0	22.8	24.4	25.9	27.3
35°	11.1	13.1	15.1	17.1	18.9	20.7	22.4	24.1	26.0	27.9	30.0
37.5°	11.6	13.7	15.9	18.0	20.1	22.2	24.3	26.1	27.8	29.9	32.5
40°	12.2	14.4	16.7	18.9	21.1	23.3	25.5	27.7	30.0	32.2	34.6
42.5°	12.5	14.9	17.4	19.7	22.1	24.4	26.7	28.8	31.1	33.7	36.5
45°	12.5	15.0	17.5	20.1	22.8	25.4	27.3	29.5	31.8	34.4	37.4
47.5°	12.4	14.9	17.5	20.2	22.9	25.0	27.3	29.7	32.2	34.9	37.9
50°	12.5	14.8	17.3	20.1	22.2	24.4	26.8	29.4	32.1	35.0	38.2
52.5°	12.7	15.3	17.7	19.6	21.4	23.6	25.9	28.7	31.7	34.7	38.1
55°	12.4	15.0	17.5	19.4	21.1	23.0	25.2	27.7	30.9	34.3	37.7
57.5°	12.0	14.5	16.5	18.4	20.5	22.6	24.8	27.2	29.8	33.5	37.4
60°	12.3	14.3	15.9	17.6	19.6	21.8	24.3	26.8	29.5	32.4	38.5
62.5°	11.5	13.7	15.9	17.6	19.1	21.2	23.5	26.2	29.9	35.0	40.8
65°	10.5	12.8	15.2	17.5	19.5	21.1	23.1	27.1	32.0	37.4	43.4
67.5°	9.5	11.8	14.4	17.1	19.5	21.8	24.8	29.0	33.9	39.5	45.8
70°	8.6	10.9	13.5	16.4	19.5	22.9	26.5	30.6	35.8	41.4	48.1
72.5°	8.0	10.4	12.8	15.7	19.1	23.1	27.6	32.0	37.5	43.6	50.3
75°	7.1	9.7	12.1	14.7	18.4	22.7	27.7	33.3	39.0	45.8	52.4
77.5°	5.8	7.8	10.3	13.6	17.6	22.1	27.6	34.1	40.4	47.3	53.8
80°	3.7	5.5	8.2	11.9	16.8	21.7	27.4	34.0	40.7	47.7	54.9
82.5°	1.9	3.6	6.2	10.5	16.0	21.7	27.3	33.9	41.1	48.4	56.1
85°	0.7	2.7	5.7	10.3	15.8	22.0	27.7	34.3	41.7	49.5	57.6
87.5°	0.2	2.2	5.9	10.6	16.2	22.8	28.5	35.2	42.8	50.9	59.4
90°	0.0	1.9	6.7	11.5	17.3	24.0	29.8	36.6	44.3	52.9	61.6
92.5°	0.2	2.2	5.9	10.6	16.2	22.8	28.5	35.2	42.8	50.9	59.4
95°	0.7	2.7	5.7	10.3	15.8	22.0	27.7	34.3	41.7	49.5	57.6
97.5°	1.9	3.6	6.2	10.5	16.0	21.7	27.3	33.9	41.1	48.4	56.1
100°	3.7	5.5	8.2	11.9	16.8	21.7	27.4	34.0	40.7	47.7	54.9
102.5°	5.8	7.8	10.3	13.6	17.6	22.1	27.6	34.1	40.4	47.3	53.8
105°	7.1	9.7	12.1	14.7	18.4	22.7	27.7	33.3	39.0	45.8	52.4
107.5°	8.0	10.4	12.8	15.7	19.1	23.1	27.6	32.0	37.5	43.6	50.3
110°	8.6	10.9	13.5	16.4	19.5	22.9	26.5	30.6	35.8	41.4	48.1



TEST NUMBER: P231952

CATALOG NUMBER: FVS4WM-4-LD4-30-1HI-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	192.5°	195°	197.5°	200°	202.5°	205°	207.5°	210°	212.5°	215°	217.5°
112.5°	9.5	11.8	14.4	17.1	19.5	21.8	24.8	29.0	33.9	39.5	45.8
115°	10.5	12.8	15.2	17.5	19.5	21.1	23.1	27.1	32.0	37.4	43.4
117.5°	11.5	13.7	15.9	17.6	19.1	21.2	23.5	26.2	29.9	35.0	40.8
120°	12.3	14.3	15.9	17.6	19.6	21.8	24.3	26.8	29.5	32.4	38.5
122.5°	12.0	14.5	16.5	18.4	20.5	22.6	24.8	27.2	29.8	33.5	37.4
125°	12.4	15.0	17.5	19.4	21.1	23.0	25.2	27.7	30.9	34.3	37.7
127.5°	12.7	15.3	17.7	19.6	21.4	23.6	25.9	28.7	31.7	34.7	38.1
130°	12.5	14.8	17.3	20.1	22.2	24.4	26.8	29.4	32.1	35.0	38.2
132.5°	12.4	14.9	17.5	20.2	22.9	25.0	27.3	29.7	32.2	34.9	37.9
135°	12.5	15.0	17.5	20.1	22.8	25.4	27.3	29.5	31.8	34.4	37.4
137.5°	12.5	14.9	17.4	19.7	22.1	24.4	26.7	28.8	31.1	33.7	36.5
140°	12.2	14.4	16.7	18.9	21.1	23.3	25.5	27.7	30.0	32.2	34.6
142.5°	11.6	13.7	15.9	18.0	20.1	22.2	24.3	26.1	27.8	29.9	32.5
145°	11.1	13.1	15.1	17.1	18.9	20.7	22.4	24.1	26.0	27.9	30.0
147.5°	10.4	12.2	14.0	15.7	17.4	19.2	21.0	22.8	24.4	25.9	27.3
150°	9.6	11.3	13.0	14.7	16.4	18.0	19.5	21.0	22.4	24.0	25.5
152.5°	9.0	10.5	12.0	13.5	15.0	16.4	17.9	19.4	20.9	22.4	23.8
155°	8.2	9.6	11.1	12.5	13.9	15.3	16.7	18.0	19.4	20.8	22.1
157.5°	7.6	8.9	10.2	11.5	12.8	14.1	15.4	16.6	17.9	19.1	20.3
160°	7.0	8.2	9.4	10.5	11.7	12.9	14.0	15.1	16.2	17.3	18.4
162.5°	6.4	7.4	8.5	9.5	10.6	11.6	12.6	13.6	14.6	15.6	16.5
165°	5.7	6.6	7.5	8.5	9.4	10.3	11.2	12.0	12.9	13.7	14.6
167.5°	5.0	5.8	6.6	7.4	8.1	8.9	9.6	10.4	11.1	11.8	12.5
170°	4.3	4.9	5.6	6.2	6.8	7.4	8.0	8.6	9.2	9.8	10.4
172.5°	3.5	4.0	4.5	5.0	5.5	5.9	6.4	6.9	7.3	7.7	8.2
175°	2.7	3.1	3.4	3.7	4.0	4.4	4.7	5.0	5.3	5.6	5.9
177.5°	1.9	2.1	2.2	2.4	2.6	2.7	2.9	3.1	3.2	3.4	3.5
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: P231952

CATALOG NUMBER: FVS4WM-4-LD4-30-1HI-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
0°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
2.5°	3.7	3.8	3.9	4.1	4.2	4.3	4.4	4.5	4.7	4.8	4.8
5°	6.2	6.4	6.7	6.9	7.2	7.4	7.6	7.8	8.0	8.2	8.4
7.5°	8.6	9.0	9.4	9.8	10.1	10.5	10.8	11.1	11.4	11.7	12.0
10°	10.9	11.5	12.0	12.5	13.0	13.4	13.9	14.3	14.7	15.1	15.5
12.5°	13.2	13.8	14.5	15.1	15.7	16.3	16.9	17.4	18.0	18.5	18.9
15°	15.4	16.2	16.9	17.7	18.4	19.1	19.8	20.5	21.1	21.7	22.3
17.5°	17.5	18.4	19.3	20.2	21.0	21.8	22.6	23.4	24.2	24.9	25.6
20°	19.5	20.6	21.6	22.6	23.6	24.5	25.4	26.3	27.2	28.0	28.8
22.5°	21.5	22.6	23.8	24.9	26.0	27.1	28.2	29.2	30.1	31.1	32.0
25°	23.4	24.7	25.9	27.2	28.4	29.6	30.8	32.0	33.1	34.1	36.4
27.5°	25.3	26.7	28.1	29.4	30.8	32.1	34.6	37.4	40.3	43.4	46.5
30°	27.1	28.6	30.1	32.4	35.1	38.0	41.1	44.3	47.9	51.6	55.4
32.5°	28.9	31.2	34.0	36.9	39.9	43.2	46.5	50.3	54.4	58.8	63.4
35°	32.2	34.6	37.5	40.6	44.0	47.6	51.4	55.5	60.0	65.0	70.5
37.5°	35.3	37.9	40.6	43.8	47.5	51.4	55.6	60.2	65.0	70.7	76.7
40°	37.3	40.5	43.6	46.8	50.4	54.7	59.3	64.2	69.6	75.5	82.5
42.5°	39.3	42.3	45.8	49.5	53.2	57.5	62.4	67.9	73.7	80.1	87.5
45°	40.7	44.0	47.5	51.6	55.8	60.1	65.3	71.1	77.5	84.4	92.0
47.5°	41.2	45.1	49.0	53.2	57.9	62.7	67.7	74.0	80.9	88.3	96.6
50°	41.6	45.5	50.0	54.6	59.5	64.8	70.3	76.8	85.3	93.5	101.4
52.5°	41.8	45.8	50.4	55.5	60.9	68.5	76.3	84.2	92.6	100.4	107.5
55°	41.6	45.9	51.0	58.7	66.8	75.1	83.5	92.0	100.4	108.2	114.6
57.5°	41.6	48.4	55.6	63.4	72.4	81.4	90.4	99.5	108.7	116.5	122.4
60°	45.1	52.0	59.8	68.0	77.4	87.4	97.2	107.0	116.8	125.1	131.0
62.5°	48.0	55.4	63.6	72.6	82.0	93.1	103.8	114.3	124.7	134.0	140.3
65°	50.5	58.6	67.1	76.8	86.7	98.3	110.2	121.5	132.6	143.3	150.1
67.5°	53.0	61.5	70.7	80.8	91.5	103.3	116.5	128.8	140.6	152.3	159.4
70°	55.7	64.3	74.1	84.7	96.2	108.1	122.7	135.9	148.5	160.3	166.6
72.5°	58.2	67.2	77.3	88.5	100.7	112.4	126.2	139.2	150.4	160.2	166.0
75°	60.7	69.6	79.2	89.9	101.6	114.1	127.9	141.2	152.2	160.8	165.9
77.5°	61.5	70.4	80.0	90.8	102.8	115.9	130.0	143.6	154.5	162.2	166.2
80°	62.5	71.5	81.3	92.1	104.3	117.8	132.5	146.5	157.4	164.2	166.8
82.5°	63.8	72.9	82.9	93.6	106.2	120.0	135.5	149.7	160.7	166.6	167.6
85°	65.5	74.8	85.0	95.6	108.5	122.5	138.9	153.3	164.3	169.3	168.5
87.5°	67.6	77.1	87.5	98.1	111.3	125.4	142.9	157.3	168.2	172.2	169.4
90°	70.2	79.8	90.4	101.0	114.5	128.9	147.2	161.6	172.2	175.1	170.3
92.5°	67.6	77.1	87.5	98.1	111.3	125.4	142.9	157.3	168.2	172.2	169.4
95°	65.5	74.8	85.0	95.6	108.5	122.5	138.9	153.3	164.3	169.3	168.5
97.5°	63.8	72.9	82.9	93.6	106.2	120.0	135.5	149.7	160.7	166.6	167.6
100°	62.5	71.5	81.3	92.1	104.3	117.8	132.5	146.5	157.4	164.2	166.8
102.5°	61.5	70.4	80.0	90.8	102.8	115.9	130.0	143.6	154.5	162.2	166.2
105°	60.7	69.6	79.2	89.9	101.6	114.1	127.9	141.2	152.2	160.8	165.9
107.5°	58.2	67.2	77.3	88.5	100.7	112.4	126.2	139.2	150.4	160.2	166.0
110°	55.7	64.3	74.1	84.7	96.2	108.1	122.7	135.9	148.5	160.3	166.6



TEST NUMBER: P231952

CATALOG NUMBER: FVS4WM-4-LD4-30-1HI-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	220°	222.5°	225°	227.5°	230°	232.5°	235°	237.5°	240°	242.5°	245°
112.5°	53.0	61.5	70.7	80.8	91.5	103.3	116.5	128.8	140.6	152.3	159.4
115°	50.5	58.6	67.1	76.8	86.7	98.3	110.2	121.5	132.6	143.3	150.1
117.5°	48.0	55.4	63.6	72.6	82.0	93.1	103.8	114.3	124.7	134.0	140.3
120°	45.1	52.0	59.8	68.0	77.4	87.4	97.2	107.0	116.8	125.1	131.0
122.5°	41.6	48.4	55.6	63.4	72.4	81.4	90.4	99.5	108.7	116.5	122.4
125°	41.6	45.9	51.0	58.7	66.8	75.1	83.5	92.0	100.4	108.2	114.6
127.5°	41.8	45.8	50.4	55.5	60.9	68.5	76.3	84.2	92.6	100.4	107.5
130°	41.6	45.5	50.0	54.6	59.5	64.8	70.3	76.8	85.3	93.5	101.4
132.5°	41.2	45.1	49.0	53.2	57.9	62.7	67.7	74.0	80.9	88.3	96.6
135°	40.7	44.0	47.5	51.6	55.8	60.1	65.3	71.1	77.5	84.4	92.0
137.5°	39.3	42.3	45.8	49.5	53.2	57.5	62.4	67.9	73.7	80.1	87.5
140°	37.3	40.5	43.6	46.8	50.4	54.7	59.3	64.2	69.6	75.5	82.5
142.5°	35.3	37.9	40.6	43.8	47.5	51.4	55.6	60.2	65.0	70.7	76.7
145°	32.2	34.6	37.5	40.6	44.0	47.6	51.4	55.5	60.0	65.0	70.5
147.5°	28.9	31.2	34.0	36.9	39.9	43.2	46.5	50.3	54.4	58.8	63.4
150°	27.1	28.6	30.1	32.4	35.1	38.0	41.1	44.3	47.9	51.6	55.4
152.5°	25.3	26.7	28.1	29.4	30.8	32.1	34.6	37.4	40.3	43.4	46.5
155°	23.4	24.7	25.9	27.2	28.4	29.6	30.8	32.0	33.1	34.1	36.4
157.5°	21.5	22.6	23.8	24.9	26.0	27.1	28.2	29.2	30.1	31.1	32.0
160°	19.5	20.6	21.6	22.6	23.6	24.5	25.4	26.3	27.2	28.0	28.8
162.5°	17.5	18.4	19.3	20.2	21.0	21.8	22.6	23.4	24.2	24.9	25.6
165°	15.4	16.2	16.9	17.7	18.4	19.1	19.8	20.5	21.1	21.7	22.3
167.5°	13.2	13.8	14.5	15.1	15.7	16.3	16.9	17.4	18.0	18.5	18.9
170°	10.9	11.5	12.0	12.5	13.0	13.4	13.9	14.3	14.7	15.1	15.5
172.5°	8.6	9.0	9.4	9.8	10.1	10.5	10.8	11.1	11.4	11.7	12.0
175°	6.2	6.4	6.7	6.9	7.2	7.4	7.6	7.8	8.0	8.2	8.4
177.5°	3.7	3.8	3.9	4.1	4.2	4.3	4.4	4.5	4.7	4.8	4.8
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: P231952

CATALOG NUMBER: FVS4WM-4-LD4-30-1HI-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	252.5°	255°	257.5°	260°	262.5°	265°	267.5°	270°	272.5°
0°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
2.5°	4.9	5.0	5.1	5.1	5.2	5.3	5.3	5.3	5.4	5.4	6.0
5°	8.6	8.8	9.0	9.1	9.3	9.4	9.5	9.6	9.7	9.8	11.1
7.5°	12.2	12.4	12.7	13.0	13.2	13.4	13.6	13.8	14.0	14.1	16.0
10°	15.8	16.1	16.4	16.7	17.0	17.4	17.7	18.0	18.3	18.5	21.0
12.5°	19.4	19.8	20.1	20.5	20.8	21.2	21.7	22.1	22.5	22.9	26.0
15°	22.8	23.4	23.8	24.2	24.6	25.0	25.6	26.2	26.7	27.3	30.9
17.5°	26.2	26.8	27.4	27.9	28.4	28.8	29.4	30.2	30.9	31.6	35.8
20°	29.6	30.3	31.0	31.6	32.2	32.7	33.2	34.1	35.1	36.0	40.7
22.5°	32.9	33.7	34.5	35.2	35.9	36.5	37.1	38.1	39.3	40.4	45.5
25°	38.9	41.2	43.5	45.5	47.4	48.7	49.7	50.8	52.1	53.2	58.4
27.5°	49.6	52.7	55.7	58.3	60.5	62.2	63.1	63.9	65.1	66.0	71.2
30°	59.5	63.5	67.3	70.9	73.5	75.8	76.6	77.1	78.1	78.9	83.9
32.5°	68.3	73.4	78.2	82.8	86.3	89.1	90.2	90.5	91.2	91.7	96.5
35°	76.3	82.4	88.6	94.1	99.0	102.2	103.9	104.0	104.3	104.5	109.1
37.5°	83.6	90.7	98.1	104.9	111.6	115.2	117.7	117.5	117.4	117.3	121.5
40°	90.0	98.2	106.9	115.4	122.9	128.1	131.6	131.0	130.6	130.2	133.9
42.5°	95.8	105.2	115.1	125.7	134.1	140.9	145.5	144.7	143.8	143.0	146.2
45°	101.4	111.6	122.7	134.4	144.9	153.6	158.6	158.4	157.1	155.8	158.4
47.5°	106.2	116.2	126.8	137.8	148.1	157.2	162.5	164.4	165.4	166.9	173.3
50°	109.3	118.1	127.7	138.0	148.6	158.3	165.2	169.7	173.4	178.0	188.5
52.5°	113.8	121.2	129.5	138.7	149.1	159.2	167.7	174.7	181.2	189.2	204.0
55°	119.8	125.4	131.9	139.8	149.8	160.1	170.0	179.3	188.9	200.3	219.7
57.5°	126.7	130.5	135.1	141.5	150.8	161.2	172.1	183.6	196.3	211.4	235.7
60°	134.5	136.4	139.1	144.1	152.1	162.3	174.1	187.6	203.6	222.5	251.8
62.5°	143.0	143.2	144.0	147.2	153.8	163.5	175.9	191.4	210.7	233.7	268.1
65°	151.9	150.8	149.6	150.7	155.7	164.8	177.7	195.0	217.8	244.8	284.5
67.5°	161.1	158.9	155.8	154.6	157.9	166.2	179.3	198.4	224.7	255.9	301.0
70°	166.8	162.8	157.8	155.3	157.5	165.3	178.1	196.9	223.1	254.7	300.6
72.5°	166.2	162.1	157.1	154.5	156.6	164.1	176.9	195.3	221.4	253.5	299.9
75°	165.7	161.4	156.2	153.7	155.8	163.1	175.7	193.9	219.8	252.4	300.7
77.5°	165.3	160.5	155.2	152.8	155.0	162.1	174.7	192.6	218.3	251.2	299.4
80°	165.0	159.6	154.2	151.8	154.2	161.2	173.8	191.4	216.8	250.0	298.0
82.5°	164.7	158.6	153.0	150.9	153.6	160.5	173.0	190.3	215.4	248.8	296.6
85°	164.4	157.4	151.7	149.9	153.0	159.8	172.3	189.3	214.1	247.7	295.2
87.5°	164.0	156.2	150.4	149.0	152.5	159.2	171.7	188.4	212.8	246.5	293.8
90°	163.5	154.9	149.1	148.1	152.0	158.7	171.2	187.6	211.6	245.3	292.4
92.5°	164.0	156.2	150.4	149.0	152.5	159.2	171.7	188.4	212.8	246.5	293.8
95°	164.4	157.4	151.7	149.9	153.0	159.8	172.3	189.3	214.1	247.7	295.2
97.5°	164.7	158.6	153.0	150.9	153.6	160.5	173.0	190.3	215.4	248.8	296.6
100°	165.0	159.6	154.2	151.8	154.2	161.2	173.8	191.4	216.8	250.0	298.0
102.5°	165.3	160.5	155.2	152.8	155.0	162.1	174.7	192.6	218.3	251.2	299.4
105°	165.7	161.4	156.2	153.7	155.8	163.1	175.7	193.9	219.8	252.4	300.7
107.5°	166.2	162.1	157.1	154.5	156.6	164.1	176.9	195.3	221.4	253.5	299.9
110°	166.8	162.8	157.8	155.3	157.5	165.3	178.1	196.9	223.1	254.7	300.6





TEST NUMBER: P231952

CATALOG NUMBER: FVS4WM-4-LD4-30-1HI-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°	161.1	158.9	155.8	154.6	157.9	166.2	179.3	198.4	224.7	255.9	301.0
115°	151.9	150.8	149.6	150.7	155.7	164.8	177.7	195.0	217.8	244.8	284.5
117.5°	143.0	143.2	144.0	147.2	153.8	163.5	175.9	191.4	210.7	233.7	268.1
120°	134.5	136.4	139.1	144.1	152.1	162.3	174.1	187.6	203.6	222.5	251.8
122.5°	126.7	130.5	135.1	141.5	150.8	161.2	172.1	183.6	196.3	211.4	235.7
125°	119.8	125.4	131.9	139.8	149.8	160.1	170.0	179.3	188.9	200.3	219.7
127.5°	113.8	121.2	129.5	138.7	149.1	159.2	167.7	174.7	181.2	189.2	204.0
130°	109.3	118.1	127.7	138.0	148.6	158.3	165.2	169.7	173.4	178.0	188.5
132.5°	106.2	116.2	126.8	137.8	148.1	157.2	162.5	164.4	165.4	166.9	173.3
135°	101.4	111.6	122.7	134.4	144.9	153.6	158.6	158.4	157.1	155.8	158.4
137.5°	95.8	105.2	115.1	125.7	134.1	140.9	145.5	144.7	143.8	143.0	146.2
140°	90.0	98.2	106.9	115.4	122.9	128.1	131.6	131.0	130.6	130.2	133.9
142.5°	83.6	90.7	98.1	104.9	111.6	115.2	117.7	117.5	117.4	117.3	121.5
145°	76.3	82.4	88.6	94.1	99.0	102.2	103.9	104.0	104.3	104.5	109.1
147.5°	68.3	73.4	78.2	82.8	86.3	89.1	90.2	90.5	91.2	91.7	96.5
150°	59.5	63.5	67.3	70.9	73.5	75.8	76.6	77.1	78.1	78.9	83.9
152.5°	49.6	52.7	55.7	58.3	60.5	62.2	63.1	63.9	65.1	66.0	71.2
155°	38.9	41.2	43.5	45.5	47.4	48.7	49.7	50.8	52.1	53.2	58.4
157.5°	32.9	33.7	34.5	35.2	35.9	36.5	37.1	38.1	39.3	40.4	45.5
160°	29.6	30.3	31.0	31.6	32.2	32.7	33.2	34.1	35.1	36.0	40.7
162.5°	26.2	26.8	27.4	27.9	28.4	28.8	29.4	30.2	30.9	31.6	35.8
165°	22.8	23.4	23.8	24.2	24.6	25.0	25.6	26.2	26.7	27.3	30.9
167.5°	19.4	19.8	20.1	20.5	20.8	21.2	21.7	22.1	22.5	22.9	26.0
170°	15.8	16.1	16.4	16.7	17.0	17.4	17.7	18.0	18.3	18.5	21.0
172.5°	12.2	12.4	12.7	13.0	13.2	13.4	13.6	13.8	14.0	14.1	16.0
175°	8.6	8.8	9.0	9.1	9.3	9.4	9.5	9.6	9.7	9.8	11.1
177.5°	4.9	5.0	5.1	5.1	5.2	5.3	5.3	5.3	5.4	5.4	6.0
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: P231952

CATALOG NUMBER: FVS4WM-4-LD4-30-1HI-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
0°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
2.5°	6.7	7.3	7.9	8.6	9.2	9.7	10.3	10.9	11.4	11.9	12.4
5°	12.3	13.6	14.8	16.0	17.2	18.4	19.5	20.6	21.6	22.6	23.6
7.5°	17.9	19.8	21.6	23.4	25.1	26.8	28.6	30.6	32.6	34.5	36.4
10°	23.5	25.9	28.3	30.7	33.1	35.9	38.6	41.3	43.9	46.4	49.0
12.5°	29.0	32.0	34.9	38.1	41.6	45.0	48.4	51.6	54.8	57.8	60.7
15°	34.5	38.0	41.6	45.8	49.9	53.9	57.9	61.9	65.7	69.4	73.4
17.5°	39.9	43.9	48.5	53.3	58.0	62.7	67.6	72.3	76.8	81.2	85.2
20°	45.3	49.9	55.3	60.6	66.0	71.8	77.5	83.0	88.2	93.2	98.0
22.5°	50.6	56.0	61.9	67.8	74.4	81.1	87.5	93.8	99.8	105.6	111.2
25°	63.3	68.9	74.8	80.9	87.6	94.1	100.5	106.7	112.7	118.8	125.3
27.5°	76.1	82.2	88.4	95.2	102.3	109.3	116.2	122.9	129.4	135.8	141.1
30°	88.7	95.3	101.9	109.3	117.1	124.2	131.6	138.6	145.5	151.3	156.7
32.5°	101.5	108.3	115.2	123.0	130.8	138.9	146.6	153.8	160.3	166.1	169.8
35°	114.1	121.1	128.5	136.3	144.8	153.8	160.9	168.2	174.3	179.1	180.6
37.5°	126.7	133.7	141.4	149.5	158.6	167.1	174.7	181.5	188.3	189.6	190.9
40°	139.1	146.1	154.1	162.7	172.2	180.4	187.9	194.4	198.4	199.7	200.1
42.5°	151.4	158.4	166.5	175.7	185.5	193.1	200.3	206.9	208.2	209.0	209.0
45°	163.6	170.7	178.7	188.5	197.9	205.5	212.3	216.6	217.8	217.7	218.0
47.5°	182.6	193.5	204.5	215.2	222.2	226.4	229.5	227.9	226.5	226.2	226.9
50°	202.6	218.4	234.4	247.9	254.2	257.6	259.5	255.7	250.7	245.7	241.3
52.5°	223.1	244.3	264.9	281.3	285.7	288.3	287.6	282.8	276.6	271.1	267.1
55°	244.1	271.0	296.0	313.8	316.9	318.5	315.3	309.1	302.0	295.7	292.1
57.5°	265.6	298.4	327.5	345.2	347.6	348.2	342.5	334.9	327.1	320.4	316.4
60°	287.4	326.6	359.3	376.4	377.8	377.2	369.3	360.4	351.6	344.8	342.0
62.5°	309.6	355.2	391.5	407.4	407.7	404.8	395.7	385.5	375.6	368.7	367.3
65°	332.1	384.4	424.0	438.1	437.3	432.2	421.6	410.3	399.2	392.1	392.0
67.5°	354.8	413.9	456.6	468.6	466.6	459.3	447.4	434.9	423.3	416.0	416.2
70°	355.9	416.9	462.3	478.6	481.4	475.5	465.4	454.8	445.0	439.9	442.3
72.5°	355.9	417.5	464.1	484.6	491.2	485.2	476.5	467.7	459.7	456.2	460.8
75°	355.8	417.7	465.8	491.4	501.6	495.0	488.3	481.3	474.8	472.2	477.9
77.5°	355.4	417.6	467.3	498.9	512.3	505.0	500.7	495.4	490.3	488.1	494.4
80°	356.6	417.0	468.5	506.9	523.3	515.1	513.4	510.0	506.0	503.7	510.3
82.5°	355.0	417.6	471.4	515.0	534.4	525.4	526.5	524.8	521.9	519.2	525.8
85°	353.4	415.3	471.1	524.2	546.1	535.5	540.0	540.0	538.0	534.7	541.0
87.5°	351.8	413.1	470.7	531.5	556.9	546.2	553.3	555.2	554.2	550.1	555.9
90°	350.2	410.8	470.4	538.7	567.6	557.0	566.6	570.5	570.5	565.6	570.5
92.5°	351.8	413.1	470.7	531.5	556.9	546.2	553.3	555.2	554.2	550.1	555.9
95°	353.4	415.3	471.1	524.2	546.1	535.5	540.0	540.0	538.0	534.7	541.0
97.5°	355.0	417.6	471.4	515.0	534.4	525.4	526.5	524.8	521.9	519.2	525.8
100°	356.6	417.0	468.5	506.9	523.3	515.1	513.4	510.0	506.0	503.7	510.3
102.5°	355.4	417.6	467.3	498.9	512.3	505.0	500.7	495.4	490.3	488.1	494.4
105°	355.8	417.7	465.8	491.4	501.6	495.0	488.3	481.3	474.8	472.2	477.9
107.5°	355.9	417.5	464.1	484.6	491.2	485.2	476.5	467.7	459.7	456.2	460.8
110°	355.9	416.9	462.3	478.6	481.4	475.5	465.4	454.8	445.0	439.9	442.3



TEST NUMBER: P231952

CATALOG NUMBER: FVS4WM-4-LD4-30-1HI-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	275°	277.5°	280°	282.5°	285°	287.5°	290°	292.5°	295°	297.5°	300°
112.5°	354.8	413.9	456.6	468.6	466.6	459.3	447.4	434.9	423.3	416.0	416.2
115°	332.1	384.4	424.0	438.1	437.3	432.2	421.6	410.3	399.2	392.1	392.0
117.5°	309.6	355.2	391.5	407.4	407.7	404.8	395.7	385.5	375.6	368.7	367.3
120°	287.4	326.6	359.3	376.4	377.8	377.2	369.3	360.4	351.6	344.8	342.0
122.5°	265.6	298.4	327.5	345.2	347.6	348.2	342.5	334.9	327.1	320.4	316.4
125°	244.1	271.0	296.0	313.8	316.9	318.5	315.3	309.1	302.0	295.7	292.1
127.5°	223.1	244.3	264.9	281.3	285.7	288.3	287.6	282.8	276.6	271.1	267.1
130°	202.6	218.4	234.4	247.9	254.2	257.6	259.5	255.7	250.7	245.7	241.3
132.5°	182.6	193.5	204.5	215.2	222.2	226.4	229.5	227.9	226.5	226.2	226.9
135°	163.6	170.7	178.7	188.5	197.9	205.5	212.3	216.6	217.8	217.7	218.0
137.5°	151.4	158.4	166.5	175.7	185.5	193.1	200.3	206.9	208.2	209.0	209.0
140°	139.1	146.1	154.1	162.7	172.2	180.4	187.9	194.4	198.4	199.7	200.1
142.5°	126.7	133.7	141.4	149.5	158.6	167.1	174.7	181.5	188.3	189.6	190.9
145°	114.1	121.1	128.5	136.3	144.8	153.8	160.9	168.2	174.3	179.1	180.6
147.5°	101.5	108.3	115.2	123.0	130.8	138.9	146.6	153.8	160.3	166.1	169.8
150°	88.7	95.3	101.9	109.3	117.1	124.2	131.6	138.6	145.5	151.3	156.7
152.5°	76.1	82.2	88.4	95.2	102.3	109.3	116.2	122.9	129.4	135.8	141.1
155°	63.3	68.9	74.8	80.9	87.6	94.1	100.5	106.7	112.7	118.8	125.3
157.5°	50.6	56.0	61.9	67.8	74.4	81.1	87.5	93.8	99.8	105.6	111.2
160°	45.3	49.9	55.3	60.6	66.0	71.8	77.5	83.0	88.2	93.2	98.0
162.5°	39.9	43.9	48.5	53.3	58.0	62.7	67.6	72.3	76.8	81.2	85.2
165°	34.5	38.0	41.6	45.8	49.9	53.9	57.9	61.9	65.7	69.4	73.4
167.5°	29.0	32.0	34.9	38.1	41.6	45.0	48.4	51.6	54.8	57.8	60.7
170°	23.5	25.9	28.3	30.7	33.1	35.9	38.6	41.3	43.9	46.4	49.0
172.5°	17.9	19.8	21.6	23.4	25.1	26.8	28.6	30.6	32.6	34.5	36.4
175°	12.3	13.6	14.8	16.0	17.2	18.4	19.5	20.6	21.6	22.6	23.6
177.5°	6.7	7.3	7.9	8.6	9.2	9.7	10.3	10.9	11.4	11.9	12.4
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: P231952

CATALOG NUMBER: FVS4WM-4-LD4-30-1HI-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	302.5°	305°	307.5°	310°	312.5°	315°	317.5°	320°	322.5°	325°	327.5°
0°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
2.5°	12.9	13.3	13.7	14.1	14.5	14.9	15.2	15.5	15.8	16.0	16.2
5°	24.8	26.0	27.1	28.1	29.1	30.0	30.9	31.7	32.5	33.2	33.8
7.5°	38.1	39.9	41.5	43.1	44.5	45.7	46.8	47.8	48.8	49.6	50.3
10°	51.0	53.1	55.0	56.9	58.6	60.2	61.7	63.0	64.1	65.1	66.0
12.5°	63.5	66.1	68.5	70.8	72.8	74.7	76.5	78.1	79.5	80.5	81.3
15°	76.2	79.3	82.2	84.9	87.3	89.4	91.1	92.7	94.0	95.1	96.0
17.5°	89.1	93.3	96.1	99.0	101.7	104.1	106.3	108.3	110.0	111.6	112.8
20°	102.5	106.6	110.5	114.0	117.0	119.9	122.4	124.5	126.1	127.6	129.0
22.5°	116.5	121.3	125.4	129.1	132.8	134.6	136.4	138.3	140.1	141.9	143.8
25°	130.8	135.6	140.8	142.4	144.4	146.4	148.2	150.2	152.3	154.6	157.3
27.5°	146.0	149.5	150.7	152.6	154.2	155.9	158.1	160.4	163.3	166.4	170.4
30°	159.9	161.2	162.2	162.5	162.6	163.8	166.5	169.5	174.8	180.0	185.7
32.5°	171.2	172.1	172.4	172.8	173.7	174.6	177.6	181.4	187.8	195.9	204.0
35°	181.6	181.9	182.5	183.6	185.3	189.0	192.7	199.1	205.2	214.9	227.6
37.5°	191.1	191.7	192.8	195.1	199.0	204.3	211.3	219.4	230.7	242.8	257.1
40°	200.4	201.5	203.8	207.8	213.8	221.3	232.2	244.8	260.6	278.4	297.4
42.5°	209.9	211.5	215.5	221.6	229.5	241.9	255.6	275.5	296.9	320.8	345.9
45°	219.0	222.5	227.8	235.9	248.7	263.4	285.8	309.2	337.6	366.6	397.6
47.5°	229.1	232.8	241.0	252.9	268.4	291.8	317.5	348.0	380.8	414.9	452.7
50°	239.7	245.1	254.7	270.9	293.6	320.1	352.5	387.9	426.7	467.8	511.2
52.5°	265.4	268.1	276.9	291.5	319.5	351.5	388.2	429.4	474.2	522.9	575.3
55°	292.2	297.0	308.8	328.1	353.1	383.4	423.7	472.1	524.1	580.5	635.5
57.5°	318.3	327.0	342.2	363.6	390.4	425.7	467.7	516.2	575.4	632.7	691.1
60°	344.8	355.9	374.8	397.7	427.5	465.5	512.4	567.5	623.5	679.3	745.1
62.5°	372.9	386.1	405.5	428.1	462.5	505.2	555.8	612.3	667.8	729.4	794.1
65°	400.2	415.4	434.2	458.8	495.2	540.2	594.9	650.5	709.1	772.6	839.2
67.5°	426.7	443.0	459.9	488.1	526.8	574.0	628.4	683.8	744.2	809.4	886.6
70°	453.2	468.8	482.8	514.4	554.3	603.4	656.9	712.9	773.6	842.1	930.7
72.5°	474.0	490.1	506.8	538.9	578.6	630.2	681.0	735.8	797.2	874.5	967.7
75°	492.2	508.5	528.1	558.3	597.9	646.7	699.2	753.4	815.0	899.8	997.7
77.5°	510.0	526.8	546.6	574.3	612.5	659.0	709.0	764.5	833.9	922.4	1022.2
80°	527.4	544.8	562.7	587.3	623.8	667.4	715.2	771.6	848.3	944.1	1054.5
82.5°	544.2	562.5	577.0	597.7	632.0	672.3	717.9	775.0	858.3	961.6	1078.1
85°	560.6	579.8	589.8	606.2	637.7	674.3	717.5	774.9	863.6	974.0	1092.9
87.5°	576.7	596.9	601.6	613.5	642.0	674.5	715.3	772.9	866.5	984.2	1103.0
90°	591.6	612.8	612.8	619.5	643.6	671.5	709.0	764.8	859.0	980.3	1096.7
92.5°	576.7	596.9	601.6	613.5	642.0	674.5	715.3	772.9	866.5	984.2	1103.0
95°	560.6	579.8	589.8	606.2	637.7	674.3	717.5	774.9	863.6	974.0	1092.9
97.5°	544.2	562.5	577.0	597.7	632.0	672.3	717.9	775.0	858.3	961.6	1078.1
100°	527.4	544.8	562.7	587.3	623.8	667.4	715.2	771.6	848.3	944.1	1054.5
102.5°	510.0	526.8	546.6	574.3	612.5	659.0	709.0	764.5	833.9	922.4	1022.2
105°	492.2	508.5	528.1	558.3	597.9	646.7	699.2	753.4	815.0	899.8	997.7
107.5°	474.0	490.1	506.8	538.9	578.6	630.2	681.0	735.8	797.2	874.5	967.7
110°	453.2	468.8	482.8	514.4	554.3	603.4	656.9	712.9	773.6	842.1	930.7



TEST NUMBER: P231952

CATALOG NUMBER: FVS4WM-4-LD4-30-1HI-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°	426.7	443.0	459.9	488.1	526.8	574.0	628.4	683.8	744.2	809.4	886.6
115°	400.2	415.4	434.2	458.8	495.2	540.2	594.9	650.5	709.1	772.6	839.2
117.5°	372.9	386.1	405.5	428.1	462.5	505.2	555.8	612.3	667.8	729.4	794.1
120°	344.8	355.9	374.8	397.7	427.5	465.5	512.4	567.5	623.5	679.3	745.1
122.5°	318.3	327.0	342.2	363.6	390.4	425.7	467.7	516.2	575.4	632.7	691.1
125°	292.2	297.0	308.8	328.1	353.1	383.4	423.7	472.1	524.1	580.5	635.5
127.5°	265.4	268.1	276.9	291.5	319.5	351.5	388.2	429.4	474.2	522.9	575.3
130°	239.7	245.1	254.7	270.9	293.6	320.1	352.5	387.9	426.7	467.8	511.2
132.5°	229.1	232.8	241.0	252.9	268.4	291.8	317.5	348.0	380.8	414.9	452.7
135°	219.0	222.5	227.8	235.9	248.7	263.4	285.8	309.2	337.6	366.6	397.6
137.5°	209.9	211.5	215.5	221.6	229.5	241.9	255.6	275.5	296.9	320.8	345.9
140°	200.4	201.5	203.8	207.8	213.8	221.3	232.2	244.8	260.6	278.4	297.4
142.5°	191.1	191.7	192.8	195.1	199.0	204.3	211.3	219.4	230.7	242.8	257.1
145°	181.6	181.9	182.5	183.6	185.3	189.0	192.7	199.1	205.2	214.9	227.6
147.5°	171.2	172.1	172.4	172.8	173.7	174.6	177.6	181.4	187.8	195.9	204.0
150°	159.9	161.2	162.2	162.5	162.6	163.8	166.5	169.5	174.8	180.0	185.7
152.5°	146.0	149.5	150.7	152.6	154.2	155.9	158.1	160.4	163.3	166.4	170.4
155°	130.8	135.6	140.8	142.4	144.4	146.4	148.2	150.2	152.3	154.6	157.3
157.5°	116.5	121.3	125.4	129.1	132.8	134.6	136.4	138.3	140.1	141.9	143.8
160°	102.5	106.6	110.5	114.0	117.0	119.9	122.4	124.5	126.1	127.6	129.0
162.5°	89.1	93.3	96.1	99.0	101.7	104.1	106.3	108.3	110.0	111.6	112.8
165°	76.2	79.3	82.2	84.9	87.3	89.4	91.1	92.7	94.0	95.1	96.0
167.5°	63.5	66.1	68.5	70.8	72.8	74.7	76.5	78.1	79.5	80.5	81.3
170°	51.0	53.1	55.0	56.9	58.6	60.2	61.7	63.0	64.1	65.1	66.0
172.5°	38.1	39.9	41.5	43.1	44.5	45.7	46.8	47.8	48.8	49.6	50.3
175°	24.8	26.0	27.1	28.1	29.1	30.0	30.9	31.7	32.5	33.2	33.8
177.5°	12.9	13.3	13.7	14.1	14.5	14.9	15.2	15.5	15.8	16.0	16.2
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: P231952

CATALOG NUMBER: FVS4WM-4-LD4-30-1HI-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
0°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
2.5°	16.4	16.6	16.7	16.8	16.9	16.9	17.5	17.3	17.1	16.9	16.8
5°	34.4	34.9	35.3	35.7	35.9	36.2	36.3	36.4	36.9	36.6	36.3
7.5°	51.0	51.5	51.9	52.3	52.5	52.7	52.7	52.7	52.5	52.7	52.1
10°	66.7	67.3	67.8	68.2	68.4	68.4	68.4	68.2	67.9	67.9	67.1
12.5°	81.8	82.2	82.5	82.5	82.4	82.1	81.6	81.0	80.3	79.4	78.6
15°	96.8	97.5	98.0	98.2	98.3	98.1	97.8	97.2	96.4	95.5	94.7
17.5°	113.8	114.7	115.4	116.0	116.4	116.7	116.8	116.7	116.4	115.8	115.6
20°	130.3	131.6	132.9	134.1	135.2	136.2	136.9	137.6	137.9	138.1	138.6
22.5°	145.7	147.6	149.7	151.6	153.5	155.3	156.8	158.2	159.3	160.2	161.5
25°	160.0	162.8	165.6	169.0	172.1	175.0	177.7	180.0	182.0	183.5	184.7
27.5°	174.9	179.4	183.6	188.4	193.4	198.0	202.2	206.0	209.2	211.9	214.1
30°	192.2	199.0	205.5	211.8	219.9	227.4	234.2	240.2	245.5	250.0	253.6
32.5°	212.8	223.6	234.0	243.8	255.1	266.9	277.7	287.4	295.9	303.2	309.1
35°	240.0	255.4	271.3	286.6	301.5	317.3	331.5	344.1	354.9	364.0	371.2
37.5°	275.8	295.2	317.1	337.6	356.6	375.5	392.9	408.2	421.5	432.6	441.4
40°	319.7	344.2	370.0	394.8	417.9	439.9	460.3	478.0	492.8	504.8	514.1
42.5°	372.6	398.9	427.8	458.1	485.5	510.8	536.0	557.7	575.6	589.9	600.5
45°	428.6	462.2	493.8	530.3	564.6	598.7	624.4	649.9	671.3	688.3	700.9
47.5°	490.6	531.7	572.6	612.7	652.6	688.7	722.9	755.6	784.5	809.1	828.8
50°	559.1	605.9	653.0	699.2	745.8	789.4	832.0	874.1	911.0	942.2	967.2
52.5°	627.0	678.7	732.6	785.9	842.7	899.8	952.0	1007.3	1055.1	1094.9	1126.3
55°	691.1	750.6	811.7	877.2	947.1	1025.7	1095.4	1154.2	1202.9	1241.6	1270.4
57.5°	754.3	820.6	890.2	974.1	1065.9	1151.0	1235.8	1291.9	1332.3	1362.0	1381.7
60°	813.0	885.9	974.4	1069.7	1169.3	1262.9	1347.9	1406.9	1433.2	1453.8	1468.6
62.5°	864.3	952.5	1053.0	1159.6	1261.8	1355.4	1426.2	1484.3	1504.4	1519.4	1529.2
65°	920.4	1014.0	1125.2	1238.2	1341.4	1428.0	1489.9	1534.8	1560.2	1576.0	1588.1
67.5°	976.9	1080.3	1193.4	1311.5	1416.8	1495.4	1549.9	1585.8	1609.1	1623.8	1635.1
70°	1029.6	1143.9	1264.9	1386.3	1489.4	1556.7	1602.7	1626.2	1646.9	1662.7	1674.7
72.5°	1076.1	1198.6	1329.0	1447.3	1544.5	1606.2	1633.9	1657.4	1679.8	1698.4	1708.7
75°	1116.0	1247.5	1377.2	1496.5	1592.3	1633.7	1658.5	1683.9	1709.0	1728.0	1738.8
77.5°	1146.9	1286.1	1415.3	1544.6	1621.3	1660.6	1684.7	1708.2	1727.4	1745.5	1758.1
80°	1181.2	1314.5	1450.0	1583.8	1653.5	1686.6	1707.1	1724.2	1738.5	1756.3	1772.8
82.5°	1208.8	1342.2	1486.7	1606.5	1671.6	1702.2	1721.3	1738.3	1753.6	1765.9	1783.2
85°	1225.2	1359.4	1508.5	1624.3	1680.1	1708.0	1729.7	1749.1	1764.6	1777.6	1786.8
87.5°	1235.6	1365.4	1515.3	1636.2	1684.3	1710.2	1732.7	1751.5	1767.5	1784.7	1794.3
90°	1225.6	1360.2	1507.4	1638.2	1683.5	1709.4	1732.5	1749.8	1763.3	1782.5	1790.2
92.5°	1235.6	1365.4	1515.3	1636.2	1684.3	1710.2	1732.7	1751.5	1767.5	1784.7	1794.3
95°	1225.2	1359.4	1508.5	1624.3	1680.1	1708.0	1729.7	1749.1	1764.6	1777.6	1786.8
97.5°	1208.8	1342.2	1486.7	1606.5	1671.6	1702.2	1721.3	1738.3	1753.6	1765.9	1783.2
100°	1181.2	1314.5	1450.0	1583.8	1653.5	1686.6	1707.1	1724.2	1738.5	1756.3	1772.8
102.5°	1146.9	1286.1	1415.3	1544.6	1621.3	1660.6	1684.7	1708.2	1727.4	1745.5	1758.1
105°	1116.0	1247.5	1377.2	1496.5	1592.3	1633.7	1658.5	1683.9	1709.0	1728.0	1738.8
107.5°	1076.1	1198.6	1329.0	1447.3	1544.5	1606.2	1633.9	1657.4	1679.8	1698.4	1708.7
110°	1029.6	1143.9	1264.9	1386.3	1489.4	1556.7	1602.7	1626.2	1646.9	1662.7	1674.7



TEST NUMBER: P231952

CATALOG NUMBER: FVS4WM-4-LD4-30-1HI-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	330°	332.5°	335°	337.5°	340°	342.5°	345°	347.5°	350°	352.5°	355°
112.5°	976.9	1080.3	1193.4	1311.5	1416.8	1495.4	1549.9	1585.8	1609.1	1623.8	1635.1
115°	920.4	1014.0	1125.2	1238.2	1341.4	1428.0	1489.9	1534.8	1560.2	1576.0	1588.1
117.5°	864.3	952.5	1053.0	1159.6	1261.8	1355.4	1426.2	1484.3	1504.4	1519.4	1529.2
120°	813.0	885.9	974.4	1069.7	1169.3	1262.9	1347.9	1406.9	1433.2	1453.8	1468.6
122.5°	754.3	820.6	890.2	974.1	1065.9	1151.0	1235.8	1291.9	1332.3	1362.0	1381.7
125°	691.1	750.6	811.7	877.2	947.1	1025.7	1095.4	1154.2	1202.9	1241.6	1270.4
127.5°	627.0	678.7	732.6	785.9	842.7	899.8	952.0	1007.3	1055.1	1094.9	1126.3
130°	559.1	605.9	653.0	699.2	745.8	789.4	832.0	874.1	911.0	942.2	967.2
132.5°	490.6	531.7	572.6	612.7	652.6	688.7	722.9	755.6	784.5	809.1	828.8
135°	428.6	462.2	493.8	530.3	564.6	598.7	624.4	649.9	671.3	688.3	700.9
137.5°	372.6	398.9	427.8	458.1	485.5	510.8	536.0	557.7	575.6	589.9	600.5
140°	319.7	344.2	370.0	394.8	417.9	439.9	460.3	478.0	492.8	504.8	514.1
142.5°	275.8	295.2	317.1	337.6	356.6	375.5	392.9	408.2	421.5	432.6	441.4
145°	240.0	255.4	271.3	286.6	301.5	317.3	331.5	344.1	354.9	364.0	371.2
147.5°	212.8	223.6	234.0	243.8	255.1	266.9	277.7	287.4	295.9	303.2	309.1
150°	192.2	199.0	205.5	211.8	219.9	227.4	234.2	240.2	245.5	250.0	253.6
152.5°	174.9	179.4	183.6	188.4	193.4	198.0	202.2	206.0	209.2	211.9	214.1
155°	160.0	162.8	165.6	169.0	172.1	175.0	177.7	180.0	182.0	183.5	184.7
157.5°	145.7	147.6	149.7	151.6	153.5	155.3	156.8	158.2	159.3	160.2	161.5
160°	130.3	131.6	132.9	134.1	135.2	136.2	136.9	137.6	137.9	138.1	138.6
162.5°	113.8	114.7	115.4	116.0	116.4	116.7	116.8	116.7	116.4	115.8	115.6
165°	96.8	97.5	98.0	98.2	98.3	98.1	97.8	97.2	96.4	95.5	94.7
167.5°	81.8	82.2	82.5	82.5	82.4	82.1	81.6	81.0	80.3	79.4	78.6
170°	66.7	67.3	67.8	68.2	68.4	68.4	68.4	68.2	67.9	67.9	67.1
172.5°	51.0	51.5	51.9	52.3	52.5	52.7	52.7	52.7	52.5	52.7	52.1
175°	34.4	34.9	35.3	35.7	35.9	36.2	36.3	36.4	36.9	36.6	36.3
177.5°	16.4	16.6	16.7	16.8	16.9	16.9	17.5	17.3	17.1	16.9	16.8
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: P231952

CATALOG NUMBER: FVS4WM-4-LD4-30-1HI-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	357.5°	360°
0°	1.0	1.0
2.5°	16.6	16.4
5°	35.9	35.6
7.5°	51.6	51.0
10°	66.2	65.4
12.5°	77.3	76.0
15°	93.0	91.4
17.5°	114.1	112.6
20°	137.6	136.6
22.5°	161.0	160.6
25°	185.7	185.7
27.5°	215.9	216.4
30°	256.7	257.8
32.5°	314.4	316.5
35°	377.5	380.0
37.5°	449.2	452.1
40°	521.9	524.3
42.5°	609.2	610.9
45°	711.3	712.8
47.5°	846.3	851.3
50°	989.2	996.6
52.5°	1153.5	1162.1
55°	1294.0	1299.6
57.5°	1395.7	1394.9
60°	1480.4	1479.5
62.5°	1533.7	1533.4
65°	1595.6	1597.8
67.5°	1642.3	1645.0
70°	1682.7	1686.3
72.5°	1711.8	1709.4
75°	1743.0	1743.1
77.5°	1768.2	1777.7
80°	1787.6	1797.9
82.5°	1798.0	1813.3
85°	1802.6	1821.0
87.5°	1797.1	1826.8
90°	1798.9	1817.2
92.5°	1797.1	1826.8
95°	1802.6	1821.0
97.5°	1798.0	1813.3
100°	1787.6	1797.9
102.5°	1768.2	1777.7
105°	1743.0	1743.1
107.5°	1711.8	1709.4
110°	1682.7	1686.3





TEST NUMBER: P231952

CATALOG NUMBER: FVS4WM-4-LD4-30-1HI-P125-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	357.5°	360°
112.5°	1642.3	1645.0
115°	1595.6	1597.8
117.5°	1533.7	1533.4
120°	1480.4	1479.5
122.5°	1395.7	1394.9
125°	1294.0	1299.6
127.5°	1153.5	1162.1
130°	989.2	996.6
132.5°	846.3	851.3
135°	711.3	712.8
137.5°	609.2	610.9
140°	521.9	524.3
142.5°	449.2	452.1
145°	377.5	380.0
147.5°	314.4	316.5
150°	256.7	257.8
152.5°	215.9	216.4
155°	185.7	185.7
157.5°	161.0	160.6
160°	137.6	136.6
162.5°	114.1	112.6
165°	93.0	91.4
167.5°	77.3	76.0
170°	66.2	65.4
172.5°	51.6	51.0
175°	35.9	35.6
177.5°	16.6	16.4
180°	1.0	1.0

(END OF REPORT)