

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: P241626

Luminaire Tested: **FVS8M-4-LD4-35-3STD-O-UNV-EDC1**

Issue Date: 3/3/2020



Test Information

Test Method: LM-79-08
Report Number: P241626
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1711-410-44)
Test Lab: INNOVATION CENTER(G3)
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: FAIL-SAFE
Catalog Number: FVS8M-4-LD4-35-3STD-O-UNV-EDC1
Description: FAILSAFE FVS8M LED FIXTURE
4FT LENGTH, 3-MODULE LED WITH OPAL LENS
Light Source: (252) 3500K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

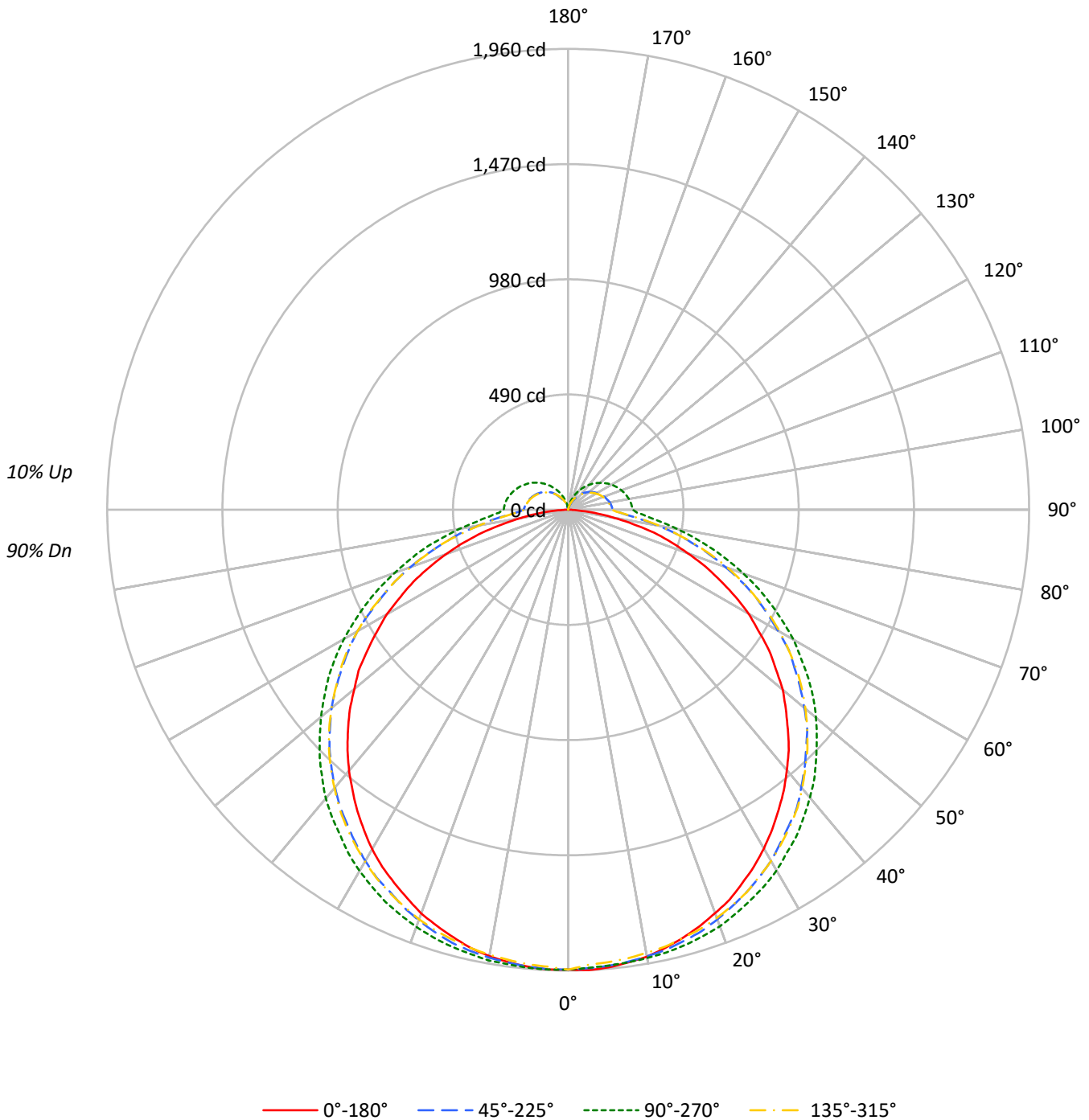
Lumens per Lamp: N/A
Luminaire Lumens: 7096.0 lumens
Efficiency: N/A
Efficacy: 72.0 lumens/watt
Spacing Criteria (0/90/45): 1.26 / 1.34 / 1.44
Luminous Opening: Rectangular w/ Sides (W: 0.65' x L: 3.73' x H: 0.15')
CIE Type: Direct

Input Watts (W): 98.5
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





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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	117	117	117	117	113	113	113	113	106	106	106	99	99	99	93	93	93	90
1	105	100	95	91	101	97	93	89	91	87	84	85	82	80	80	78	76	73
2	95	86	79	73	92	84	77	71	78	73	68	74	69	65	69	66	62	60
3	86	75	67	60	83	73	65	59	69	62	57	64	59	54	61	56	52	49
4	79	66	57	50	76	64	56	50	61	53	48	57	51	46	54	49	44	42
5	72	59	50	43	69	57	49	42	54	47	41	51	45	40	48	43	38	36
6	67	53	44	37	64	52	43	37	49	41	36	46	40	35	44	38	33	31
7	62	48	39	33	59	47	38	32	44	37	31	42	35	30	40	34	30	27
8	57	44	35	29	55	42	34	29	40	33	28	38	32	27	36	31	26	24
9	53	40	32	26	51	39	31	26	37	30	25	35	29	24	34	28	24	22
10	50	37	29	23	48	36	28	23	34	27	23	33	26	22	31	25	21	20

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	8742	8742	8742	8742
5°	8738	8563	8724	8602
10°	8700	8449	8689	8495
15°	8632	8365	8624	8390
20°	8564	8288	8567	8299
25°	8485	8180	8477	8209
30°	8398	8091	8414	8098
35°	8280	7976	8301	7961
40°	8165	7841	8188	7865
45°	8032	7686	8056	7703
50°	7910	7535	7877	7517
55°	7697	7338	7685	7328
60°	7421	7106	7448	7080
65°	6957	6776	7084	6742
70°	6358	6381	6510	6322
75°	5688	5880	5688	5911
80°	4213	5288	4367	5279
85°	2087	4852	2459	4840



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	185.5	2.6
10°-20°	537.0	7.6
20°-30°	828.4	11.7
30°-40°	1023.5	14.4
40°-50°	1098.2	15.5
50°-60°	1039.7	14.7
60°-70°	849.7	12.0
70°-80°	558.6	7.9
80°-90°	266.2	3.8
90°-100°	177.2	2.5
100°-110°	159.8	2.3
110°-120°	133.9	1.9
120°-130°	103.1	1.5
130°-140°	70.9	1.0
140°-150°	41.2	0.6
150°-160°	18.2	0.3
160°-170°	4.6	0.1
170°-180°	0.2	0.0
0°-30°	1550.9	21.9
0°-40°	2574.4	36.3
0°-60°	4712.3	66.4
0°-90°	6386.7	90.0
90°-120°	470.9	6.6
90°-150°	686.1	9.7
90°-180°	709.0	10.0
0°-180°	7096.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1956	1956	1956	1956	1956	
5°	1954	1946	1951	1955	1954	186
15°	1885	1917	1883	1923	1885	532
25°	1752	1833	1750	1840	1752	808
35°	1559	1693	1563	1690	1559	976
45°	1320	1491	1324	1494	1320	1020
55°	1043	1245	1041	1244	1043	929
65°	713	951	726	946	713	707
75°	378	628	378	631	378	392
85°	59	339	69	338	59	80
90°	1	273	2	274	1	3
95°	1	269	1	270	1	1
105°	1	252	1	253	1	1
115°	1	228	1	229	1	1
125°	1	196	1	198	1	1
135°	2	158	1	160	2	1
145°	2	117	2	118	2	1
155°	2	73	2	74	2	1
165°	2	32	2	32	2	1
175°	2	0	2	0	2	0
180°	1	1	1	1	1	



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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	1956.0	1956.0	1956.0	1956.0	1956.0	1956.0	1956.0	1956.0	1956.0	1956.0	1956.0
2.5°	1960.1	1962.5	1966.5	1969.8	1970.6	1970.6	1968.9	1968.1	1962.5	1957.7	1952.0
5°	1954.4	1956.0	1961.7	1964.1	1964.9	1964.1	1961.7	1961.7	1956.8	1950.4	1948.0
7.5°	1943.1	1948.0	1949.6	1951.2	1952.8	1954.4	1952.8	1951.2	1948.0	1943.1	1939.9
10°	1930.2	1931.0	1934.3	1939.1	1939.1	1940.7	1939.1	1939.9	1935.9	1932.6	1928.6
12.5°	1908.5	1910.9	1914.1	1919.7	1921.4	1923.0	1921.4	1923.0	1918.9	1916.5	1918.1
15°	1885.1	1889.9	1890.7	1895.5	1899.6	1900.4	1901.2	1904.4	1899.6	1900.4	1898.8
17.5°	1857.6	1858.4	1863.3	1865.7	1871.3	1876.2	1873.8	1878.6	1878.6	1878.6	1881.0
20°	1826.2	1825.4	1829.4	1838.3	1843.1	1844.7	1846.3	1852.0	1852.8	1854.4	1854.4
22.5°	1794.7	1792.3	1794.7	1804.4	1806.8	1810.9	1817.3	1821.3	1820.5	1822.9	1824.6
25°	1752.0	1752.8	1756.8	1768.9	1772.1	1777.0	1780.2	1786.7	1788.3	1792.3	1794.7
27.5°	1710.8	1710.8	1718.1	1724.5	1731.0	1735.0	1740.7	1750.4	1750.4	1756.8	1760.8
30°	1664.0	1663.2	1671.3	1678.6	1688.2	1693.9	1698.7	1708.4	1711.6	1716.5	1724.5
32.5°	1613.2	1617.3	1624.5	1631.0	1643.1	1650.3	1657.6	1666.5	1672.1	1675.3	1680.2
35°	1559.2	1561.6	1572.1	1581.0	1593.1	1599.5	1608.4	1615.6	1626.1	1630.2	1637.4
37.5°	1505.9	1510.0	1518.0	1529.3	1543.9	1552.7	1556.0	1568.9	1572.1	1580.2	1597.9
40°	1445.5	1450.3	1465.6	1472.9	1488.2	1496.3	1502.7	1515.6	1523.7	1534.2	1541.4
42.5°	1388.2	1393.8	1398.7	1417.2	1431.7	1438.2	1444.6	1456.7	1467.2	1476.1	1488.2
45°	1320.4	1324.5	1337.4	1357.5	1369.6	1380.1	1385.0	1397.9	1412.4	1420.4	1430.9
47.5°	1254.3	1260.7	1271.2	1286.6	1301.1	1311.6	1323.7	1338.2	1354.3	1358.3	1378.5
50°	1190.6	1193.8	1201.9	1222.0	1238.2	1247.8	1255.1	1271.2	1283.3	1297.0	1310.7
52.5°	1112.3	1113.9	1130.1	1148.6	1171.2	1179.3	1185.7	1205.9	1217.2	1231.7	1243.0
55°	1043.0	1042.1	1058.3	1074.4	1097.0	1107.5	1113.1	1130.9	1146.2	1163.1	1175.2
57.5°	958.3	965.5	980.8	1004.2	1023.6	1028.4	1038.1	1058.3	1073.6	1092.2	1112.3
60°	886.5	886.5	901.0	922.8	938.9	955.0	966.3	984.1	998.6	1013.9	1029.2
62.5°	801.0	801.8	821.1	837.3	859.9	872.8	882.4	904.2	922.8	935.7	951.8
65°	713.0	720.3	743.7	756.6	784.8	790.5	803.4	823.6	840.5	857.4	879.2
67.5°	631.6	638.0	650.9	671.9	700.9	707.4	720.3	741.3	765.5	771.9	796.9
70°	538.8	553.3	564.6	587.2	615.4	621.1	636.4	655.0	680.0	696.1	708.2
72.5°	459.0	465.4	484.0	499.3	520.3	534.8	555.8	570.3	592.9	607.4	628.4
75°	377.5	374.3	392.8	416.2	441.2	448.5	459.0	484.8	506.6	526.7	544.5
77.5°	281.5	287.2	310.5	338.0	361.4	366.2	379.9	400.9	423.5	444.4	469.4
80°	200.0	208.1	221.0	254.9	275.9	289.6	301.7	321.8	342.0	371.8	384.8
82.5°	125.8	133.1	152.5	178.3	200.0	212.9	228.3	248.4	269.4	295.2	309.7
85°	58.9	69.4	88.7	115.3	135.5	151.6	161.3	187.1	209.7	232.3	248.4
87.5°	17.7	25.0	46.0	68.6	93.6	105.7	117.8	142.8	167.8	188.7	206.5
90°	0.8	8.9	27.4	51.6	77.4	89.5	101.6	125.8	148.4	171.0	189.6
92.5°	0.8	8.1	26.6	50.0	75.0	87.1	100.0	123.4	146.0	167.8	187.1
95°	0.8	8.1	25.8	49.2	73.4	85.5	98.4	121.8	144.4	165.4	184.7
97.5°	0.8	8.1	25.0	47.6	71.8	83.9	96.0	119.4	142.0	162.9	182.3
100°	0.8	7.3	25.0	46.8	70.2	81.5	94.4	117.0	139.5	159.7	179.9
102.5°	0.8	7.3	24.2	45.2	68.6	79.9	92.0	114.5	135.5	156.5	175.0
105°	0.8	6.5	23.4	44.4	66.1	77.4	89.5	111.3	132.3	152.5	171.0
107.5°	0.8	6.5	22.6	42.8	64.5	75.8	87.1	108.1	129.1	148.4	167.0
110°	0.8	5.6	21.8	41.1	62.1	73.4	84.7	105.7	125.8	145.2	162.9



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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	0.8	5.6	20.2	39.5	60.5	71.0	81.5	102.4	121.8	141.2	158.1
115°	0.8	4.8	19.4	37.9	58.1	68.6	78.2	98.4	117.8	135.5	152.5
117.5°	0.8	4.8	18.6	36.3	55.7	65.3	75.8	94.4	113.7	130.7	148.4
120°	0.8	4.0	17.7	34.7	53.2	62.9	72.6	91.1	108.9	125.8	142.0
122.5°	0.8	3.2	16.1	33.1	50.8	59.7	68.6	86.3	104.1	121.0	135.5
125°	0.8	2.4	15.3	30.7	47.6	56.5	65.3	83.1	99.2	115.3	129.9
127.5°	0.8	2.4	13.7	29.0	45.2	53.2	62.1	78.2	94.4	109.7	123.4
130°	0.8	1.6	12.1	25.8	41.9	50.0	58.1	74.2	88.7	104.1	117.0
132.5°	0.8	1.6	10.5	23.4	37.9	45.2	54.0	69.4	83.9	97.6	110.5
135°	1.6	1.6	8.9	21.0	33.9	41.1	48.4	62.9	77.4	91.1	103.2
137.5°	1.6	1.6	7.3	17.7	29.8	36.3	43.6	56.5	70.2	84.7	96.0
140°	1.6	1.6	6.5	15.3	25.8	32.3	37.9	50.0	62.1	75.0	87.9
142.5°	1.6	1.6	4.8	12.9	22.6	27.4	33.1	44.4	54.8	66.1	78.2
145°	1.6	1.6	4.0	11.3	19.4	24.2	28.2	37.9	47.6	58.1	69.4
147.5°	1.6	1.6	3.2	8.9	16.1	20.2	25.0	32.3	41.9	50.8	58.9
150°	1.6	1.6	2.4	7.3	13.7	16.9	21.0	27.4	35.5	43.6	50.8
152.5°	1.6	1.6	2.4	6.5	11.3	13.7	16.9	23.4	29.0	36.3	42.8
155°	1.6	1.6	2.4	4.8	8.9	11.3	14.5	19.4	24.2	29.8	35.5
157.5°	1.6	1.6	1.6	3.2	7.3	9.7	11.3	15.3	20.2	23.4	27.4
160°	1.6	1.6	1.6	2.4	5.6	7.3	8.9	12.1	15.3	18.6	22.6
162.5°	2.4	2.4	2.4	2.4	4.0	4.8	6.5	8.9	12.1	14.5	16.1
165°	2.4	2.4	2.4	2.4	2.4	3.2	4.0	6.5	8.1	10.5	12.1
167.5°	2.4	2.4	2.4	2.4	2.4	2.4	3.2	4.0	5.6	6.5	8.1
170°	2.4	2.4	2.4	2.4	2.4	1.6	1.6	2.4	2.4	3.2	4.0
172.5°	2.4	2.4	2.4	2.4	2.4	1.6	1.6	1.6	1.6	1.6	1.6
175°	2.4	2.4	2.4	2.4	2.4	1.6	1.6	1.6	1.6	0.8	0.8
177.5°	2.4	2.4	2.4	2.4	2.4	2.4	1.6	1.6	1.6	0.8	0.8
180°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8



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CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	1956.0	1956.0	1956.0	1956.0	1956.0	1956.0	1956.0	1956.0	1956.0	1956.0	1956.0
2.5°	1948.0	1948.8	1951.2	1951.2	1951.2	1952.0	1951.2	1950.4	1948.8	1950.4	1948.0
5°	1943.9	1944.7	1946.4	1948.8	1948.8	1948.8	1950.4	1947.2	1947.2	1946.4	1945.6
7.5°	1937.5	1938.3	1941.5	1943.1	1943.1	1943.9	1944.7	1944.7	1942.3	1942.3	1940.7
10°	1927.8	1931.8	1933.5	1936.7	1935.1	1937.5	1938.3	1936.7	1935.1	1935.9	1935.9
12.5°	1916.5	1922.2	1922.2	1928.6	1927.8	1927.0	1928.6	1928.6	1927.8	1928.6	1928.6
15°	1902.0	1906.8	1910.1	1915.7	1914.9	1914.9	1918.9	1919.7	1917.3	1917.3	1915.7
17.5°	1882.6	1885.1	1893.1	1895.5	1897.2	1898.8	1901.2	1902.8	1902.0	1902.0	1899.6
20°	1858.4	1864.1	1873.0	1872.2	1881.0	1881.0	1881.0	1881.8	1883.4	1885.9	1881.8
22.5°	1829.4	1839.1	1846.3	1851.2	1852.8	1854.4	1857.6	1860.9	1860.1	1860.1	1860.9
25°	1799.6	1810.0	1815.7	1825.4	1828.6	1827.0	1833.4	1835.0	1835.0	1833.4	1835.0
27.5°	1766.5	1777.8	1787.5	1788.3	1793.1	1795.5	1798.8	1804.4	1804.4	1805.2	1802.8
30°	1730.2	1742.3	1748.7	1754.4	1757.6	1757.6	1766.5	1768.1	1767.3	1772.1	1771.3
32.5°	1690.7	1704.4	1710.0	1718.1	1722.1	1722.1	1727.0	1732.6	1730.2	1730.2	1731.8
35°	1646.3	1658.4	1665.7	1675.3	1677.0	1679.4	1685.0	1691.5	1693.9	1693.1	1690.7
37.5°	1606.0	1610.0	1622.9	1630.2	1631.0	1634.2	1640.7	1645.5	1643.9	1646.3	1645.5
40°	1552.7	1561.6	1572.9	1581.8	1586.6	1585.0	1591.5	1595.5	1597.9	1598.7	1601.9
42.5°	1502.7	1514.8	1522.1	1531.0	1534.2	1534.2	1538.2	1541.4	1545.5	1549.5	1545.5
45°	1446.3	1455.9	1466.4	1474.5	1480.9	1482.6	1485.8	1485.0	1489.0	1490.6	1496.3
47.5°	1386.6	1399.5	1407.5	1415.6	1418.8	1424.5	1430.9	1431.7	1437.4	1433.4	1438.2
50°	1327.7	1338.2	1348.7	1358.3	1361.6	1360.8	1364.0	1368.0	1372.1	1375.3	1372.9
52.5°	1259.1	1271.2	1281.7	1289.8	1297.0	1295.4	1305.1	1301.9	1310.7	1314.0	1309.1
55°	1188.1	1207.5	1215.6	1222.8	1223.6	1230.1	1243.8	1238.2	1241.4	1245.4	1242.2
57.5°	1118.0	1130.9	1142.2	1151.8	1154.3	1162.3	1165.6	1168.0	1172.0	1172.8	1176.9
60°	1051.0	1055.9	1070.4	1080.9	1084.9	1085.7	1100.2	1097.8	1103.4	1105.9	1102.6
62.5°	968.7	983.3	995.4	1007.5	1007.5	1013.9	1019.6	1017.9	1024.4	1028.4	1030.9
65°	888.9	903.4	915.5	925.2	929.2	936.5	938.9	940.5	947.8	951.0	951.0
67.5°	806.6	826.8	834.0	842.9	850.2	852.6	862.3	865.5	869.5	874.4	876.0
70°	726.0	748.5	755.8	764.7	767.1	774.4	780.8	787.3	785.6	791.3	795.3
72.5°	648.5	663.8	671.1	682.4	689.7	696.1	701.8	708.2	711.4	709.8	714.7
75°	564.6	580.8	588.0	604.2	605.8	612.2	622.7	626.7	628.4	627.5	629.2
77.5°	486.4	499.3	507.4	521.9	529.1	530.8	544.5	544.5	549.3	547.7	550.9
80°	400.9	417.8	436.4	446.9	454.1	453.3	460.6	466.2	468.6	468.6	471.1
82.5°	332.3	345.2	363.0	374.3	378.3	383.1	392.8	396.9	401.7	396.9	404.1
85°	272.6	287.2	300.9	309.7	313.8	321.8	329.9	331.5	338.8	338.8	338.0
87.5°	225.0	240.4	254.1	266.2	271.8	275.1	283.9	288.0	291.2	293.6	292.0
90°	207.3	223.4	237.1	248.4	254.1	258.1	265.4	270.2	272.6	273.4	272.6
92.5°	204.9	220.2	233.9	246.0	250.9	255.7	263.0	267.8	271.0	271.8	270.2
95°	202.5	218.6	232.3	243.6	248.4	253.3	260.5	265.4	268.6	269.4	267.8
97.5°	200.8	215.4	229.9	241.2	246.0	250.1	258.1	263.0	265.4	266.2	265.4
100°	197.6	212.1	225.9	237.1	242.0	246.0	253.3	258.9	261.3	262.1	261.3
102.5°	192.8	208.1	221.0	232.3	237.1	242.0	248.4	253.3	256.5	257.3	256.5
105°	188.7	204.1	217.0	227.5	232.3	237.1	243.6	248.4	251.7	252.5	250.9
107.5°	183.9	199.2	212.1	223.4	228.3	232.3	238.8	243.6	246.0	246.8	245.2
110°	179.1	194.4	207.3	217.8	222.6	225.9	233.1	237.1	240.4	241.2	239.6



TEST NUMBER: P241626

CATALOG NUMBER: FVS8M-4-LD4-35-3STD-O-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	173.4	187.9	200.8	211.3	215.4	220.2	225.9	230.7	233.9	234.7	233.1
115°	167.8	181.5	195.2	205.7	209.7	213.8	220.2	224.2	226.7	227.5	226.7
117.5°	162.9	175.8	187.9	198.4	202.5	206.5	212.9	217.0	220.2	220.2	219.4
120°	156.5	169.4	180.7	190.4	196.0	198.4	204.9	209.7	212.1	212.1	212.1
122.5°	150.8	162.9	175.0	183.9	187.9	191.2	197.6	202.5	204.9	204.9	203.3
125°	143.6	155.7	166.2	175.8	179.1	182.3	188.7	192.8	195.2	196.0	194.4
127.5°	136.3	148.4	158.9	167.0	171.8	175.0	179.9	183.9	187.1	187.1	185.5
130°	129.1	140.4	150.8	158.9	162.9	165.4	171.0	175.8	177.5	177.5	176.6
132.5°	121.8	133.1	142.8	150.0	154.1	156.5	161.3	165.4	167.8	168.6	167.0
135°	114.5	125.0	133.9	142.0	144.4	147.6	151.6	155.7	157.3	158.1	156.5
137.5°	107.3	117.0	125.0	132.3	135.5	137.9	142.8	146.0	147.6	148.4	146.8
140°	99.2	108.1	116.2	123.4	126.6	128.3	133.1	135.5	137.9	137.9	136.3
142.5°	91.1	100.0	107.3	113.7	116.2	118.6	122.6	125.8	126.6	126.6	126.6
145°	81.5	91.1	98.4	104.9	107.3	108.9	112.1	114.5	116.2	117.0	115.3
147.5°	71.0	79.9	88.7	94.4	96.8	99.2	101.6	104.9	105.7	105.7	104.1
150°	59.7	68.6	78.2	84.7	87.9	88.7	91.1	92.8	95.2	95.2	94.4
152.5°	50.0	58.1	66.9	75.0	76.6	79.0	80.7	83.1	83.9	83.9	83.1
155°	41.9	48.4	54.8	62.9	66.9	68.6	71.0	72.6	73.4	72.6	72.6
157.5°	33.1	38.7	44.4	50.8	56.5	58.1	60.5	62.1	62.9	62.1	62.1
160°	25.8	29.8	33.9	40.3	42.8	46.8	50.0	50.8	51.6	51.6	50.8
162.5°	19.4	22.6	25.0	29.0	32.3	34.7	39.5	41.1	41.1	41.9	40.3
165°	13.7	15.3	17.7	20.2	21.8	23.4	28.2	30.7	30.7	31.5	30.7
167.5°	8.9	9.7	11.3	12.9	13.7	15.3	16.9	20.2	21.8	21.8	21.0
170°	4.8	4.8	5.6	6.5	7.3	7.3	8.1	11.3	12.1	12.1	11.3
172.5°	1.6	1.6	1.6	1.6	1.6	1.6	2.4	2.4	4.0	4.0	3.2
175°	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8



TEST NUMBER: P241626

CATALOG NUMBER: FVS8M-4-LD4-35-3STD-O-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	1956.0	1956.0	1956.0	1956.0	1956.0	1956.0	1956.0	1956.0	1956.0	1956.0	1956.0
2.5°	1949.6	1948.0	1950.4	1951.2	1949.6	1946.4	1943.1	1940.7	1937.5	1936.7	1936.7
5°	1945.6	1944.7	1946.4	1946.4	1946.4	1944.7	1939.9	1936.7	1931.8	1930.2	1931.8
7.5°	1940.7	1940.7	1942.3	1941.5	1939.9	1938.3	1932.6	1928.6	1924.6	1923.0	1923.0
10°	1933.5	1932.6	1933.5	1931.8	1931.8	1928.6	1924.6	1918.1	1914.1	1912.5	1912.5
12.5°	1926.2	1923.0	1922.2	1924.6	1922.2	1918.1	1910.1	1906.0	1903.6	1896.4	1895.5
15°	1914.1	1910.1	1910.9	1909.3	1911.7	1906.8	1898.0	1893.9	1885.1	1879.4	1878.6
17.5°	1897.2	1897.2	1896.4	1894.7	1893.1	1887.5	1881.8	1876.2	1869.7	1863.3	1854.4
20°	1877.8	1878.6	1877.0	1877.8	1877.0	1867.3	1861.7	1852.8	1848.0	1839.1	1832.6
22.5°	1857.6	1856.0	1853.6	1852.0	1852.8	1846.3	1838.3	1829.4	1822.1	1811.7	1805.2
25°	1833.4	1831.8	1827.8	1827.0	1827.0	1818.9	1811.7	1798.8	1795.5	1784.2	1772.9
27.5°	1800.4	1798.8	1797.1	1794.7	1793.1	1789.1	1781.8	1768.1	1759.2	1749.5	1738.3
30°	1764.1	1767.3	1761.6	1760.0	1756.0	1756.0	1746.3	1735.0	1725.3	1710.8	1700.3
32.5°	1727.8	1729.4	1727.8	1724.5	1718.9	1717.3	1706.0	1696.3	1685.8	1670.5	1657.6
35°	1688.2	1685.8	1687.4	1677.8	1681.8	1672.1	1661.6	1656.0	1643.1	1628.6	1615.6
37.5°	1644.7	1643.1	1638.2	1633.4	1631.0	1628.6	1615.6	1606.8	1600.3	1581.8	1566.4
40°	1593.1	1595.5	1592.3	1591.5	1584.2	1581.0	1566.4	1556.8	1547.9	1531.0	1516.4
42.5°	1544.7	1548.7	1536.6	1538.2	1534.2	1524.5	1516.4	1508.4	1492.2	1483.4	1460.8
45°	1491.4	1487.4	1485.0	1476.1	1476.1	1471.3	1459.2	1454.3	1438.2	1423.7	1404.3
47.5°	1430.1	1435.0	1423.7	1424.5	1422.9	1414.0	1400.3	1396.3	1377.7	1368.0	1344.6
50°	1372.9	1368.0	1364.8	1366.4	1355.9	1354.3	1343.8	1330.9	1316.4	1304.3	1286.6
52.5°	1305.9	1306.7	1306.7	1297.8	1297.8	1284.9	1273.6	1264.0	1252.7	1234.1	1222.0
55°	1243.0	1241.4	1236.5	1234.9	1223.6	1218.0	1207.5	1193.0	1185.7	1168.8	1155.1
57.5°	1176.9	1172.8	1167.2	1158.3	1155.9	1148.6	1137.3	1124.4	1111.5	1097.0	1087.3
60°	1102.6	1101.0	1093.0	1087.3	1084.1	1075.2	1068.0	1057.5	1038.9	1023.6	1008.3
62.5°	1026.0	1025.2	1021.2	1013.9	1012.3	1002.6	989.7	975.2	962.3	947.8	930.0
65°	947.0	942.1	935.7	934.9	927.6	922.8	916.3	896.1	880.0	866.3	850.2
67.5°	873.6	869.5	856.6	856.6	851.0	842.9	830.8	822.7	799.4	785.6	767.1
70°	788.9	789.7	784.0	780.0	768.7	757.4	751.8	741.3	721.9	701.8	688.0
72.5°	707.4	703.4	695.3	692.1	689.7	681.6	665.5	649.3	634.8	621.1	595.3
75°	626.7	621.9	609.8	613.8	607.4	596.9	588.0	569.5	550.9	534.0	514.6
77.5°	545.3	536.4	532.4	531.6	529.9	515.4	500.9	484.8	467.8	460.6	429.1
80°	471.9	459.8	454.1	455.7	448.5	434.8	425.9	410.6	392.8	374.3	350.9
82.5°	395.2	393.6	383.1	379.1	373.5	365.4	351.7	335.6	317.0	299.3	278.3
85°	333.9	327.5	327.5	314.6	313.0	300.9	288.0	272.6	252.5	231.5	212.1
87.5°	290.4	282.3	276.7	270.2	266.2	256.5	240.4	224.2	205.7	191.2	165.4
90°	268.6	263.8	254.9	250.1	245.2	232.3	217.8	202.5	184.7	164.5	145.2
92.5°	266.2	260.5	252.5	247.6	242.8	229.9	215.4	200.0	181.5	162.1	141.2
95°	264.6	258.1	250.1	245.2	240.4	227.5	213.8	197.6	179.9	159.7	139.5
97.5°	261.3	255.7	247.6	242.8	237.1	225.0	211.3	195.2	177.5	157.3	137.1
100°	257.3	250.9	243.6	238.8	233.9	221.8	207.3	191.2	173.4	154.9	134.7
102.5°	252.5	247.6	238.8	233.9	229.1	217.0	203.3	187.1	170.2	151.6	131.5
105°	247.6	242.0	234.7	229.9	224.2	212.9	199.2	183.1	166.2	147.6	128.3
107.5°	243.6	237.1	229.1	224.2	219.4	208.1	194.4	179.1	162.1	143.6	125.0
110°	237.1	231.5	223.4	218.6	213.8	202.5	188.7	174.2	158.1	139.5	121.0



TEST NUMBER: P241626

CATALOG NUMBER: FVS8M-4-LD4-35-3STD-O-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	229.9	224.2	216.2	212.1	207.3	196.0	183.1	168.6	153.3	135.5	117.0
115°	223.4	217.8	210.5	206.5	201.7	190.4	177.5	162.9	148.4	130.7	112.9
117.5°	216.2	210.5	203.3	199.2	194.4	183.1	171.8	158.1	142.8	125.8	108.9
120°	208.1	202.5	196.0	192.0	187.1	176.6	165.4	151.6	137.1	121.0	104.1
122.5°	200.0	195.2	187.9	183.9	179.9	170.2	158.9	146.0	131.5	116.2	100.0
125°	191.2	186.3	179.9	175.8	171.8	162.9	151.6	139.5	125.0	110.5	94.4
127.5°	182.3	178.3	171.8	167.8	163.7	154.9	144.4	132.3	119.4	104.9	89.5
130°	173.4	168.6	162.9	159.7	154.9	146.8	137.1	125.0	112.9	99.2	84.7
132.5°	163.7	159.7	154.1	150.8	147.6	138.7	129.1	118.6	105.7	92.8	79.9
135°	154.1	150.0	146.0	142.0	137.9	130.7	121.0	110.5	99.2	87.1	74.2
137.5°	144.4	140.4	136.3	133.1	129.1	121.8	113.7	103.2	92.0	81.5	69.4
140°	134.7	130.7	126.6	123.4	120.2	113.7	104.9	96.0	85.5	74.2	62.9
142.5°	124.2	121.0	116.2	113.7	110.5	104.1	96.8	87.9	78.2	67.8	58.1
145°	113.7	110.5	106.5	104.1	100.8	95.2	88.7	79.9	71.0	62.1	52.4
147.5°	103.2	100.0	96.0	94.4	91.1	87.1	79.9	71.8	64.5	54.8	46.0
150°	92.0	90.3	86.3	83.9	82.3	76.6	71.0	63.7	57.3	49.2	41.1
152.5°	82.3	79.9	75.8	74.2	72.6	67.8	62.9	55.7	50.0	42.8	35.5
155°	71.0	69.4	66.1	64.5	62.9	58.1	54.0	48.4	42.8	36.3	29.8
157.5°	61.3	59.7	56.5	54.8	53.2	50.0	45.2	41.1	35.5	29.8	24.2
160°	50.0	48.4	46.8	45.2	44.4	41.1	36.3	33.1	29.0	24.2	18.6
162.5°	39.5	39.5	37.1	36.3	34.7	32.3	29.0	25.0	21.8	18.6	13.7
165°	29.8	29.0	27.4	26.6	25.8	23.4	21.0	19.4	16.1	12.9	8.9
167.5°	20.2	19.4	18.6	18.6	17.7	16.1	13.7	11.3	9.7	7.3	5.6
170°	11.3	10.5	10.5	9.7	9.7	8.1	7.3	5.6	4.8	3.2	2.4
172.5°	3.2	3.2	3.2	3.2	2.4	1.6	1.6	0.8	0.8	0.8	0.8
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.8
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.8	0.8
180°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8



TEST NUMBER: P241626

CATALOG NUMBER: FVS8M-4-LD4-35-3STD-O-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	1956.0	1956.0	1956.0	1956.0	1956.0	1956.0	1956.0	1956.0	1956.0	1956.0	1956.0
2.5°	1937.5	1939.1	1939.1	1938.3	1945.6	1949.6	1953.6	1957.7	1961.7	1964.9	1968.9
5°	1930.2	1932.6	1931.8	1933.5	1936.7	1945.6	1948.8	1951.2	1955.2	1959.3	1964.1
7.5°	1922.2	1923.0	1922.2	1921.4	1928.6	1934.3	1937.5	1941.5	1946.4	1948.8	1952.8
10°	1910.1	1909.3	1909.3	1909.3	1914.1	1919.7	1923.8	1927.8	1931.0	1934.3	1936.7
12.5°	1893.1	1894.7	1890.7	1892.3	1893.1	1899.6	1904.4	1910.1	1910.9	1914.9	1916.5
15°	1875.4	1873.8	1873.8	1872.2	1872.2	1877.0	1880.2	1883.4	1888.3	1893.1	1896.4
17.5°	1852.0	1848.8	1847.1	1848.8	1846.3	1848.8	1853.6	1856.0	1860.9	1861.7	1870.5
20°	1825.4	1826.2	1820.5	1816.5	1815.7	1819.7	1820.5	1827.0	1830.2	1831.0	1837.5
22.5°	1796.3	1791.5	1788.3	1786.7	1785.8	1785.8	1785.8	1788.3	1793.1	1795.5	1802.0
25°	1764.9	1756.8	1754.4	1752.0	1746.3	1745.5	1747.9	1750.4	1753.6	1759.2	1764.1
27.5°	1727.8	1720.5	1718.1	1712.4	1705.2	1707.6	1707.6	1712.4	1711.6	1716.5	1722.9
30°	1685.8	1679.4	1673.7	1672.9	1660.0	1664.0	1659.2	1667.3	1665.7	1673.7	1681.0
32.5°	1647.9	1636.6	1627.7	1625.3	1614.8	1613.2	1612.4	1615.6	1615.6	1622.9	1635.8
35°	1601.9	1589.0	1578.5	1577.7	1562.4	1563.2	1557.6	1563.2	1564.8	1572.1	1585.0
37.5°	1549.5	1535.8	1530.1	1527.7	1510.8	1509.2	1505.1	1505.9	1510.0	1518.9	1528.5
40°	1497.1	1485.0	1477.7	1476.1	1460.8	1451.1	1444.6	1449.5	1448.7	1462.4	1473.7
42.5°	1444.6	1428.5	1419.6	1414.8	1404.3	1393.0	1386.6	1388.2	1392.2	1400.3	1417.2
45°	1391.4	1372.9	1362.4	1359.1	1339.0	1330.1	1323.7	1324.5	1327.7	1343.0	1351.9
47.5°	1328.5	1310.7	1301.1	1293.8	1276.1	1266.4	1256.7	1259.1	1262.4	1274.5	1291.4
50°	1264.8	1245.4	1235.7	1229.3	1215.6	1194.6	1186.5	1185.7	1190.6	1208.3	1227.7
52.5°	1202.7	1180.1	1171.2	1162.3	1141.4	1126.0	1119.6	1122.8	1125.2	1130.9	1153.5
55°	1134.9	1112.3	1100.2	1096.2	1069.6	1059.9	1047.8	1041.3	1047.0	1062.3	1084.9
57.5°	1065.5	1038.9	1027.6	1022.0	995.4	988.1	970.4	963.9	969.6	984.9	1006.7
60°	985.7	967.1	951.0	944.5	923.6	901.8	889.7	889.7	897.8	904.2	926.8
62.5°	910.7	884.9	880.8	861.5	840.5	824.4	809.8	804.2	814.7	830.0	848.6
65°	828.4	801.8	796.9	782.4	760.6	741.3	734.0	726.0	730.8	741.3	760.6
67.5°	750.2	722.7	710.6	697.7	683.2	658.2	639.6	638.0	642.1	665.5	677.6
70°	665.5	639.6	630.8	625.9	596.1	571.9	558.2	551.7	559.8	583.2	598.5
72.5°	576.7	560.6	542.9	534.0	509.8	484.0	468.6	466.2	474.3	488.8	509.8
75°	493.6	468.6	460.6	450.1	424.3	398.5	381.5	377.5	387.2	401.7	423.5
77.5°	411.4	384.8	376.7	363.8	340.4	317.0	296.0	288.0	302.5	317.8	343.6
80°	331.5	310.5	298.4	286.3	263.0	239.6	215.4	207.3	220.2	238.0	255.7
82.5°	254.1	231.5	215.4	205.7	183.9	162.1	143.6	138.7	147.6	165.4	183.9
85°	188.7	166.2	153.3	142.0	122.6	93.6	76.6	69.4	77.4	96.0	119.4
87.5°	145.2	120.2	107.3	97.6	70.2	50.0	29.0	23.4	32.3	48.4	74.2
90°	121.8	98.4	86.3	74.2	49.2	26.6	9.7	2.4	11.3	29.8	54.0
92.5°	118.6	95.2	83.1	71.0	46.8	24.2	7.3	0.8	8.9	26.6	50.0
95°	117.0	93.6	81.5	69.4	45.2	23.4	6.5	0.8	8.1	25.8	49.2
97.5°	115.3	91.1	79.9	67.8	44.4	23.4	6.5	0.8	8.1	25.0	47.6
100°	112.9	88.7	77.4	66.1	43.6	22.6	6.5	0.8	8.1	25.0	46.8
102.5°	109.7	87.1	75.8	64.5	41.9	21.8	5.6	0.8	7.3	24.2	46.0
105°	106.5	84.7	74.2	62.9	40.3	21.0	5.6	0.8	7.3	23.4	44.4
107.5°	104.1	82.3	71.8	60.5	38.7	20.2	4.8	0.8	6.5	22.6	42.8
110°	100.8	79.9	69.4	58.9	37.9	19.4	4.8	0.8	6.5	21.8	41.1



TEST NUMBER: P241626

CATALOG NUMBER: FVS8M-4-LD4-35-3STD-O-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	97.6	76.6	66.9	56.5	36.3	17.7	4.0	0.8	5.6	21.0	39.5
115°	93.6	74.2	64.5	54.0	34.7	16.9	4.0	0.8	5.6	20.2	38.7
117.5°	90.3	71.0	61.3	51.6	32.3	16.1	3.2	0.8	4.8	18.6	36.3
120°	86.3	66.9	58.1	48.4	30.7	15.3	2.4	0.8	4.8	17.7	34.7
122.5°	82.3	63.7	54.8	46.0	29.0	13.7	2.4	0.8	4.0	16.9	33.1
125°	78.2	60.5	51.6	43.6	27.4	12.9	1.6	0.8	4.0	15.3	31.5
127.5°	74.2	57.3	49.2	41.1	25.8	11.3	1.6	0.8	3.2	14.5	29.8
130°	69.4	53.2	46.0	37.9	23.4	10.5	1.6	0.8	2.4	12.9	26.6
132.5°	65.3	49.2	42.8	35.5	21.8	8.9	1.6	0.8	2.4	11.3	24.2
135°	60.5	46.0	39.5	33.1	19.4	8.1	0.8	0.8	1.6	9.7	21.0
137.5°	55.7	42.8	36.3	29.8	17.7	6.5	1.6	1.6	1.6	8.1	18.6
140°	50.8	38.7	32.3	26.6	15.3	5.6	1.6	1.6	1.6	7.3	16.1
142.5°	46.0	34.7	29.0	24.2	13.7	4.0	1.6	1.6	1.6	5.6	13.7
145°	41.9	31.5	25.8	21.0	11.3	3.2	1.6	1.6	1.6	4.8	11.3
147.5°	37.1	27.4	22.6	18.6	9.7	2.4	1.6	1.6	1.6	4.0	9.7
150°	32.3	23.4	19.4	15.3	7.3	1.6	1.6	1.6	1.6	3.2	8.9
152.5°	27.4	19.4	16.1	12.9	5.6	1.6	1.6	1.6	1.6	3.2	7.3
155°	22.6	16.1	12.9	9.7	4.0	1.6	1.6	1.6	1.6	2.4	5.6
157.5°	18.6	12.9	10.5	7.3	2.4	1.6	1.6	1.6	1.6	2.4	4.8
160°	14.5	8.9	7.3	4.8	1.6	1.6	1.6	1.6	1.6	2.4	3.2
162.5°	10.5	6.5	4.0	3.2	1.6	1.6	1.6	2.4	1.6	1.6	3.2
165°	6.5	3.2	2.4	1.6	1.6	1.6	1.6	2.4	2.4	1.6	2.4
167.5°	3.2	1.6	1.6	1.6	1.6	1.6	2.4	2.4	2.4	2.4	2.4
170°	1.6	1.6	1.6	1.6	1.6	2.4	2.4	2.4	2.4	2.4	2.4
172.5°	1.6	1.6	1.6	1.6	1.6	2.4	2.4	2.4	2.4	2.4	2.4
175°	1.6	1.6	1.6	1.6	1.6	2.4	2.4	2.4	2.4	2.4	2.4
177.5°	1.6	1.6	1.6	1.6	2.4	2.4	2.4	2.4	2.4	2.4	2.4
180°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8



TEST NUMBER: P241626

CATALOG NUMBER: FVS8M-4-LD4-35-3STD-O-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	1956.0	1956.0	1956.0	1956.0	1956.0	1956.0	1956.0	1956.0	1956.0	1956.0	1956.0
2.5°	1968.9	1969.8	1969.8	1969.8	1965.7	1959.3	1956.8	1951.2	1952.8	1956.0	1956.0
5°	1964.9	1965.7	1964.1	1963.3	1959.3	1952.0	1950.4	1948.0	1946.4	1952.0	1952.0
7.5°	1954.4	1953.6	1954.4	1955.2	1952.0	1946.4	1943.1	1939.9	1942.3	1946.4	1947.2
10°	1939.9	1941.5	1941.5	1940.7	1939.1	1935.1	1934.3	1931.8	1934.3	1937.5	1940.7
12.5°	1921.4	1923.8	1923.8	1925.4	1923.8	1919.7	1922.2	1918.9	1923.8	1931.0	1931.8
15°	1900.4	1901.2	1901.2	1906.0	1906.0	1905.2	1906.8	1906.0	1911.7	1914.9	1916.5
17.5°	1875.4	1875.4	1879.4	1885.1	1885.9	1879.4	1884.3	1885.1	1888.3	1895.5	1900.4
20°	1843.9	1849.6	1848.0	1854.4	1854.4	1855.2	1858.4	1861.7	1866.5	1870.5	1880.2
22.5°	1809.2	1815.7	1815.7	1819.7	1825.4	1828.6	1829.4	1833.4	1839.9	1852.0	1851.2
25°	1776.2	1776.2	1781.8	1785.8	1787.5	1796.3	1793.1	1806.0	1810.9	1820.5	1822.1
27.5°	1735.8	1736.6	1743.9	1751.2	1752.8	1755.2	1764.1	1768.1	1778.6	1783.4	1792.3
30°	1691.5	1698.7	1701.2	1711.6	1714.9	1720.5	1725.3	1731.8	1743.9	1747.9	1754.4
32.5°	1644.7	1654.4	1656.8	1665.7	1668.9	1677.8	1681.8	1687.4	1700.3	1709.2	1717.3
35°	1593.1	1601.1	1607.6	1620.5	1625.3	1631.0	1636.6	1647.9	1661.6	1665.7	1672.9
37.5°	1542.2	1551.1	1557.6	1568.9	1575.3	1585.8	1593.1	1600.3	1611.6	1621.3	1626.9
40°	1489.8	1498.7	1501.1	1516.4	1522.9	1535.0	1542.2	1554.3	1563.2	1572.9	1585.8
42.5°	1430.9	1439.8	1443.8	1459.2	1470.5	1476.1	1489.8	1499.5	1513.2	1518.9	1526.9
45°	1372.1	1378.5	1385.0	1399.5	1411.6	1418.8	1435.0	1443.0	1452.7	1464.0	1470.5
47.5°	1305.9	1314.0	1320.4	1337.4	1349.5	1363.2	1373.7	1385.0	1397.9	1405.1	1418.8
50°	1241.4	1249.4	1255.1	1272.8	1284.9	1295.4	1313.2	1328.5	1335.8	1346.2	1354.3
52.5°	1171.2	1182.5	1189.8	1209.1	1222.0	1234.1	1244.6	1260.7	1266.4	1284.9	1293.0
55°	1096.2	1108.3	1119.6	1134.9	1146.2	1169.6	1173.6	1191.4	1205.9	1215.6	1219.6
57.5°	1022.8	1032.5	1046.2	1062.3	1080.9	1093.8	1105.1	1118.0	1126.8	1137.3	1151.0
60°	947.0	962.3	963.1	982.5	997.8	1017.9	1034.9	1043.0	1059.1	1065.5	1075.2
62.5°	868.7	874.4	891.3	909.9	920.3	940.5	951.8	969.6	980.0	995.4	1005.8
65°	782.4	796.9	811.5	821.1	842.9	856.6	871.1	888.9	897.8	917.9	922.8
67.5°	702.6	716.3	721.1	741.3	759.0	780.8	796.1	810.6	820.3	833.2	850.2
70°	623.5	632.4	638.8	660.6	680.0	696.1	713.0	732.4	743.7	753.4	761.4
72.5°	533.2	539.6	557.4	573.5	593.7	613.0	630.0	646.9	659.8	670.3	680.0
75°	444.4	454.1	474.3	495.3	512.2	536.4	546.1	563.0	573.5	592.1	598.5
77.5°	367.0	379.1	388.0	413.8	429.1	454.1	471.9	485.6	492.8	508.2	521.9
80°	284.7	298.4	306.5	331.5	351.7	367.8	383.9	400.9	421.1	435.6	439.6
82.5°	212.9	219.4	229.9	257.3	278.3	304.1	320.2	332.3	349.3	360.6	370.2
85°	147.6	154.1	171.0	191.2	212.9	236.3	254.1	273.4	285.5	300.1	311.4
87.5°	97.6	109.7	124.2	147.6	167.0	189.6	208.9	225.0	241.2	254.9	265.4
90°	78.2	90.3	103.2	126.6	149.2	170.2	189.6	207.3	222.6	237.1	247.6
92.5°	75.0	87.1	99.2	123.4	145.2	167.0	186.3	204.9	219.4	233.1	245.2
95°	73.4	85.5	97.6	121.0	143.6	164.5	183.9	202.5	217.8	231.5	242.8
97.5°	71.8	83.9	96.0	119.4	141.2	162.9	181.5	199.2	215.4	229.1	240.4
100°	70.2	81.5	93.6	116.2	138.7	159.7	179.1	196.8	212.1	225.9	237.1
102.5°	68.6	79.9	92.0	113.7	135.5	155.7	175.0	192.0	208.1	221.0	232.3
105°	66.1	77.4	89.5	111.3	132.3	151.6	171.0	187.9	204.1	216.2	227.5
107.5°	64.5	75.8	86.3	108.9	129.1	148.4	166.2	183.1	198.4	212.1	222.6
110°	62.1	73.4	83.9	104.9	125.8	144.4	162.1	179.1	193.6	207.3	217.8



TEST NUMBER: P241626

CATALOG NUMBER: FVS8M-4-LD4-35-3STD-O-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	60.5	71.0	81.5	101.6	121.0	140.4	157.3	173.4	188.7	200.8	211.3
115°	58.1	68.6	78.2	98.4	117.8	136.3	152.5	168.6	182.3	195.2	205.7
117.5°	55.7	65.3	75.8	94.4	113.7	130.7	147.6	162.1	175.8	187.9	198.4
120°	53.2	62.9	72.6	91.1	108.9	126.6	142.0	156.5	169.4	181.5	191.2
122.5°	50.8	59.7	69.4	87.1	104.1	121.0	136.3	150.0	162.9	173.4	183.9
125°	48.4	57.3	66.1	83.1	99.2	115.3	129.9	143.6	155.7	166.2	175.8
127.5°	46.0	54.0	62.1	79.0	95.2	109.7	124.2	137.1	148.4	158.9	167.8
130°	42.8	50.8	58.1	74.2	89.5	104.1	117.8	129.9	142.0	150.8	159.7
132.5°	37.9	46.0	54.0	69.4	84.7	98.4	111.3	123.4	133.9	142.8	151.6
135°	33.9	41.1	48.4	62.1	77.4	92.0	104.1	115.3	125.8	133.9	142.8
137.5°	29.8	36.3	42.8	55.7	69.4	83.1	97.6	108.1	117.8	125.8	133.1
140°	26.6	31.5	37.9	49.2	62.1	74.2	87.9	100.8	109.7	117.8	125.0
142.5°	22.6	28.2	33.9	43.6	54.0	65.3	78.2	90.3	101.6	108.1	115.3
145°	19.4	24.2	29.0	37.9	46.8	57.3	66.9	80.7	92.0	100.0	105.7
147.5°	16.9	20.2	25.0	33.1	40.3	49.2	58.9	69.4	79.9	90.3	96.0
150°	14.5	17.7	21.0	27.4	34.7	41.9	49.2	58.9	66.9	78.2	86.3
152.5°	12.1	15.3	17.7	23.4	29.0	35.5	41.9	50.0	57.3	65.3	75.8
155°	10.5	12.9	15.3	19.4	24.2	29.0	34.7	41.1	47.6	54.8	62.9
157.5°	8.1	10.5	12.9	16.1	20.2	23.4	28.2	32.3	38.7	42.8	50.0
160°	6.5	8.1	9.7	12.9	16.1	19.4	21.8	25.8	29.8	33.1	38.7
162.5°	4.8	6.5	8.1	10.5	12.9	15.3	16.9	19.4	21.8	25.0	29.0
165°	3.2	4.8	5.6	7.3	9.7	11.3	12.9	13.7	15.3	17.7	20.2
167.5°	2.4	3.2	4.0	4.8	6.5	8.1	8.9	9.7	10.5	11.3	12.9
170°	2.4	2.4	2.4	3.2	4.0	4.8	5.6	5.6	6.5	6.5	7.3
172.5°	1.6	1.6	1.6	1.6	1.6	2.4	2.4	2.4	2.4	2.4	2.4
175°	2.4	1.6	1.6	1.6	1.6	0.8	0.8	0.8	0.8	0.0	0.0
177.5°	2.4	1.6	1.6	1.6	1.6	0.8	0.8	0.0	0.0	0.0	0.0
180°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8



TEST NUMBER: P241626

CATALOG NUMBER: FVS8M-4-LD4-35-3STD-O-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	1956.0	1956.0	1956.0	1956.0	1956.0	1956.0	1956.0	1956.0	1956.0	1956.0	1956.0
2.5°	1956.8	1958.5	1958.5	1958.5	1958.5	1957.7	1958.5	1958.5	1957.7	1957.7	1957.7
5°	1953.6	1953.6	1956.0	1955.2	1956.0	1955.2	1955.2	1953.6	1955.2	1954.4	1953.6
7.5°	1948.8	1949.6	1950.4	1952.0	1951.2	1950.4	1951.2	1949.6	1948.8	1948.8	1948.8
10°	1941.5	1943.9	1945.6	1947.2	1945.6	1946.4	1945.6	1944.7	1942.3	1943.1	1943.1
12.5°	1931.0	1932.6	1935.1	1935.1	1935.9	1934.3	1937.5	1935.1	1933.5	1935.1	1931.0
15°	1919.7	1918.1	1921.4	1924.6	1923.8	1923.0	1924.6	1922.2	1921.4	1918.9	1920.5
17.5°	1905.2	1904.4	1909.3	1908.5	1908.5	1907.6	1906.8	1906.0	1903.6	1902.8	1902.0
20°	1881.0	1885.1	1885.9	1888.3	1888.3	1888.3	1888.3	1884.3	1882.6	1881.8	1881.0
22.5°	1856.8	1858.4	1860.9	1863.3	1864.1	1864.9	1864.1	1864.9	1861.7	1860.1	1859.2
25°	1825.4	1832.6	1838.3	1841.5	1838.3	1839.9	1839.1	1836.7	1837.5	1831.0	1831.8
27.5°	1792.3	1797.1	1802.8	1806.8	1806.0	1807.6	1807.6	1806.8	1803.6	1802.8	1800.4
30°	1758.4	1762.5	1763.3	1768.9	1771.3	1773.7	1771.3	1770.5	1768.9	1763.3	1764.1
32.5°	1722.1	1721.3	1730.2	1729.4	1732.6	1736.6	1734.2	1733.4	1729.4	1727.0	1726.2
35°	1674.5	1679.4	1685.0	1688.2	1688.2	1689.9	1692.3	1689.1	1689.1	1684.2	1684.2
37.5°	1635.0	1635.0	1638.2	1643.1	1645.5	1648.7	1646.3	1647.9	1639.8	1641.5	1636.6
40°	1583.4	1586.6	1591.5	1593.9	1596.3	1603.6	1598.7	1593.9	1591.5	1593.1	1585.0
42.5°	1532.6	1531.8	1538.2	1542.2	1543.9	1547.9	1546.3	1545.5	1543.1	1537.4	1532.6
45°	1473.7	1480.1	1483.4	1485.8	1490.6	1493.9	1489.8	1491.4	1485.0	1479.3	1477.7
47.5°	1420.4	1422.1	1423.7	1430.9	1428.5	1432.5	1434.2	1435.8	1430.9	1424.5	1422.9
50°	1360.0	1357.5	1365.6	1370.4	1368.8	1372.1	1373.7	1372.9	1368.8	1359.1	1358.3
52.5°	1292.2	1293.0	1300.3	1306.7	1303.5	1306.7	1309.9	1309.1	1300.3	1299.5	1295.4
55°	1225.2	1227.7	1234.9	1235.7	1238.2	1243.8	1240.6	1237.3	1239.0	1231.7	1226.9
57.5°	1155.1	1155.1	1163.1	1168.0	1168.0	1173.6	1172.8	1168.8	1167.2	1165.6	1158.3
60°	1082.5	1084.9	1090.5	1093.8	1101.0	1101.8	1096.2	1099.4	1097.8	1087.3	1081.7
62.5°	1005.8	1005.0	1017.1	1020.4	1022.0	1022.8	1020.4	1024.4	1016.3	1011.5	1012.3
65°	923.6	926.8	935.7	948.6	945.4	946.2	942.1	942.9	938.1	932.4	929.2
67.5°	853.4	855.8	857.4	866.3	875.2	868.7	864.7	863.1	858.2	858.2	851.8
70°	764.7	768.7	785.6	784.0	786.4	784.0	788.9	789.7	776.8	769.5	775.2
72.5°	691.3	687.2	704.2	699.3	703.4	705.8	706.6	699.3	697.7	690.5	687.2
75°	603.3	613.0	618.7	619.5	620.3	630.8	628.4	624.3	615.4	604.2	607.4
77.5°	527.5	531.6	534.8	538.0	540.4	545.3	546.1	543.7	535.6	533.2	528.3
80°	447.7	453.3	461.4	462.2	463.8	467.8	469.4	465.4	459.0	446.9	442.0
82.5°	375.1	379.9	392.8	395.2	398.5	393.6	399.3	393.6	383.9	379.9	375.9
85°	313.8	321.0	325.9	329.9	333.1	338.0	333.1	332.3	325.9	319.4	312.2
87.5°	272.6	276.7	285.5	288.0	289.6	294.4	292.8	289.6	282.3	273.4	271.0
90°	253.3	258.1	266.2	271.0	274.2	274.2	273.4	270.2	264.6	257.3	251.7
92.5°	251.7	257.3	264.6	268.6	271.8	272.6	271.8	267.8	262.1	254.1	249.2
95°	248.4	253.3	261.3	266.2	268.6	270.2	268.6	266.2	260.5	251.7	247.6
97.5°	246.0	250.9	258.1	263.8	266.2	267.8	266.2	263.0	257.3	249.2	244.4
100°	241.2	246.8	254.1	259.7	262.1	263.8	263.0	258.9	253.3	246.0	241.2
102.5°	237.1	242.0	249.2	254.9	257.3	258.1	257.3	254.1	248.4	241.2	236.3
105°	233.1	237.1	244.4	249.2	252.5	253.3	252.5	250.1	244.4	236.3	231.5
107.5°	227.5	232.3	239.6	244.4	246.8	248.4	246.8	244.4	238.8	230.7	226.7
110°	222.6	225.9	233.1	238.0	241.2	242.0	241.2	238.0	232.3	225.0	220.2



TEST NUMBER: P241626

CATALOG NUMBER: FVS8M-4-LD4-35-3STD-O-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	216.2	220.2	227.5	231.5	233.9	235.5	234.7	230.7	225.9	217.8	213.8
115°	209.7	213.8	221.0	225.0	227.5	229.1	228.3	225.0	218.6	211.3	207.3
117.5°	202.5	207.3	213.8	217.0	220.2	221.0	220.2	217.0	212.1	205.7	200.0
120°	196.0	199.2	205.7	209.7	212.1	212.9	212.1	208.9	204.1	196.8	193.6
122.5°	187.9	192.0	198.4	203.3	204.9	205.7	204.9	202.5	196.8	189.6	185.5
125°	179.9	183.1	189.6	193.6	196.0	197.6	196.0	192.8	187.1	181.5	177.5
127.5°	171.0	175.0	181.5	184.7	187.1	188.7	187.1	183.1	179.1	173.4	169.4
130°	162.9	167.0	171.8	175.8	178.3	179.1	177.5	175.0	171.0	164.5	161.3
132.5°	154.9	158.1	162.9	167.0	168.6	169.4	167.8	165.4	161.3	155.7	151.6
135°	146.0	148.4	153.3	156.5	158.9	159.7	158.1	154.9	151.6	146.8	143.6
137.5°	136.3	139.5	143.6	147.6	149.2	150.0	148.4	146.0	142.0	137.1	133.9
140°	127.4	129.1	134.7	136.3	138.7	139.5	137.1	134.7	131.5	126.6	124.2
142.5°	117.8	120.2	124.2	126.6	129.1	129.1	127.4	125.0	121.8	117.0	115.3
145°	108.1	109.7	113.7	116.2	117.8	117.8	117.0	114.5	112.1	107.3	105.7
147.5°	98.4	100.0	103.2	105.7	107.3	108.1	106.5	104.9	101.6	97.6	95.2
150°	88.7	89.5	92.8	94.4	96.0	96.0	95.2	93.6	90.3	87.9	85.5
152.5°	78.2	79.0	82.3	83.9	84.7	86.3	84.7	82.3	80.7	77.4	75.8
155°	68.6	70.2	71.8	73.4	74.2	74.2	73.4	72.6	70.2	67.8	65.3
157.5°	54.8	59.7	62.1	62.9	62.9	63.7	62.9	61.3	60.5	58.1	56.5
160°	42.8	46.0	50.8	53.2	53.2	52.4	52.4	50.8	50.0	47.6	47.6
162.5°	31.5	33.9	40.3	41.1	42.8	41.9	41.9	41.9	40.3	39.5	37.1
165°	21.8	23.4	28.2	32.3	32.3	31.5	31.5	30.7	30.7	29.0	27.4
167.5°	13.7	14.5	16.9	22.6	22.6	21.8	21.8	21.8	21.0	19.4	19.4
170°	7.3	8.1	8.9	10.5	12.9	12.9	12.1	12.9	12.1	11.3	10.5
172.5°	2.4	2.4	1.6	2.4	4.8	4.8	4.8	4.8	4.8	4.0	4.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8



TEST NUMBER: P241626

CATALOG NUMBER: FVS8M-4-LD4-35-3STD-O-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	1956.0	1956.0	1956.0	1956.0	1956.0	1956.0	1956.0	1956.0	1956.0	1956.0	1956.0
2.5°	1957.7	1956.0	1953.6	1949.6	1945.6	1945.6	1945.6	1948.0	1949.6	1948.8	1949.6
5°	1953.6	1949.6	1948.0	1943.1	1940.7	1940.7	1939.1	1941.5	1945.6	1943.9	1944.7
7.5°	1948.8	1946.4	1942.3	1936.7	1931.8	1931.0	1931.0	1931.8	1933.5	1932.6	1931.8
10°	1940.7	1937.5	1935.1	1927.8	1922.2	1919.7	1918.9	1921.4	1919.7	1919.7	1918.9
12.5°	1931.8	1927.8	1923.0	1914.9	1910.1	1905.2	1905.2	1903.6	1904.4	1904.4	1902.8
15°	1915.7	1915.7	1908.5	1902.0	1893.9	1889.1	1885.9	1885.9	1885.1	1884.3	1881.0
17.5°	1900.4	1896.4	1889.1	1881.0	1876.2	1870.5	1866.5	1861.7	1860.9	1860.1	1855.2
20°	1881.0	1873.8	1869.7	1860.9	1853.6	1847.1	1839.9	1835.0	1834.2	1829.4	1826.2
22.5°	1856.8	1851.2	1844.7	1836.7	1825.4	1818.1	1813.3	1806.8	1801.2	1799.6	1796.3
25°	1830.2	1826.2	1821.3	1806.8	1797.1	1789.9	1781.0	1773.7	1766.5	1764.1	1760.0
27.5°	1798.8	1791.5	1786.7	1778.6	1765.7	1752.0	1744.7	1735.0	1730.2	1725.3	1723.7
30°	1760.0	1757.6	1747.9	1739.9	1727.8	1716.5	1709.2	1692.3	1689.9	1683.4	1676.1
32.5°	1723.7	1721.3	1709.2	1700.3	1687.4	1677.0	1665.7	1652.8	1641.5	1639.8	1631.8
35°	1678.6	1677.8	1666.5	1656.8	1644.7	1635.0	1619.7	1608.4	1593.9	1589.0	1584.2
37.5°	1631.8	1631.8	1619.7	1609.2	1598.7	1585.0	1572.1	1553.5	1547.9	1538.2	1533.4
40°	1581.8	1576.1	1569.7	1561.6	1545.5	1533.4	1518.9	1505.1	1492.2	1484.2	1479.3
42.5°	1528.5	1526.9	1521.3	1510.8	1493.9	1478.5	1467.2	1451.9	1434.2	1431.7	1422.1
45°	1475.3	1473.7	1461.6	1452.7	1438.2	1423.7	1409.2	1390.6	1376.9	1371.2	1361.6
47.5°	1414.0	1412.4	1405.9	1390.6	1378.5	1361.6	1348.7	1328.5	1311.6	1304.3	1295.4
50°	1355.9	1347.9	1339.8	1329.3	1313.2	1301.9	1286.6	1268.8	1253.5	1239.8	1235.7
52.5°	1293.0	1283.3	1272.8	1267.2	1246.2	1236.5	1218.8	1196.2	1183.3	1176.0	1163.9
55°	1222.8	1214.8	1211.5	1190.6	1180.9	1163.1	1151.8	1133.3	1117.2	1098.6	1095.4
57.5°	1153.5	1143.0	1134.1	1119.6	1113.1	1095.4	1080.1	1055.1	1040.5	1026.8	1016.3
60°	1080.1	1072.8	1059.1	1047.0	1034.1	1022.8	1004.2	977.6	959.9	950.2	949.4
62.5°	1001.8	994.6	990.5	967.1	959.9	937.3	921.2	904.2	877.6	869.5	859.9
65°	923.6	918.7	903.4	891.3	873.6	861.5	845.3	823.6	804.2	788.9	776.8
67.5°	851.0	841.3	827.6	809.8	797.7	781.6	760.6	734.0	713.0	708.2	695.3
70°	765.5	751.8	745.3	724.3	709.8	697.7	674.3	655.8	631.6	616.3	605.0
72.5°	685.6	672.7	662.2	644.5	627.5	608.2	590.4	567.9	544.5	529.9	521.1
75°	603.3	591.2	582.4	563.8	549.3	527.5	501.7	481.5	465.4	446.1	433.2
77.5°	520.3	507.4	502.5	476.7	459.0	447.7	424.3	401.7	374.3	366.2	350.9
80°	438.0	427.5	420.2	396.0	381.5	359.8	342.8	320.2	296.8	281.5	271.8
82.5°	373.5	360.6	341.2	327.5	308.1	291.2	266.2	248.4	221.0	209.7	198.4
85°	308.9	294.4	283.9	263.0	250.9	233.1	209.7	183.9	161.3	148.4	136.3
87.5°	264.6	250.9	240.4	221.8	204.9	182.3	163.7	141.2	114.5	103.2	92.8
90°	246.8	233.9	220.2	204.1	186.3	166.2	145.2	122.6	98.4	86.3	74.2
92.5°	244.4	232.3	218.6	201.7	183.9	163.7	142.8	120.2	96.8	83.9	71.8
95°	242.0	229.9	216.2	199.2	181.5	162.1	141.2	118.6	95.2	82.3	70.2
97.5°	239.6	227.5	213.8	196.8	179.1	159.7	138.7	117.0	92.8	80.7	68.6
100°	235.5	223.4	209.7	193.6	175.8	156.5	136.3	114.5	91.1	79.0	67.8
102.5°	231.5	219.4	205.7	189.6	171.8	153.3	133.1	111.3	88.7	76.6	65.3
105°	225.9	213.8	200.8	185.5	168.6	150.0	129.1	108.9	86.3	75.0	63.7
107.5°	221.0	209.7	196.0	180.7	163.7	146.0	125.8	105.7	83.9	72.6	61.3
110°	215.4	204.1	191.2	175.8	159.7	142.0	122.6	102.4	81.5	70.2	59.7



TEST NUMBER: P241626

CATALOG NUMBER: FVS8M-4-LD4-35-3STD-O-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	208.9	197.6	185.5	171.0	154.9	137.1	118.6	99.2	78.2	67.8	57.3
115°	202.5	192.8	179.9	165.4	149.2	132.3	114.5	95.2	75.0	64.5	54.8
117.5°	196.0	185.5	173.4	159.7	144.4	127.4	109.7	91.1	71.8	62.1	52.4
120°	187.9	178.3	167.0	154.1	138.7	122.6	105.7	87.1	68.6	58.9	50.0
122.5°	181.5	171.8	160.5	147.6	133.1	117.0	100.8	83.9	65.3	55.7	46.8
125°	173.4	163.7	153.3	140.4	126.6	111.3	96.0	79.9	61.3	52.4	44.4
127.5°	166.2	157.3	146.0	133.9	120.2	106.5	91.1	75.8	58.1	50.0	41.9
130°	157.3	148.4	137.9	126.6	114.5	100.0	86.3	71.0	54.8	46.8	38.7
132.5°	149.2	140.4	130.7	120.2	108.1	94.4	80.7	66.1	50.8	43.6	36.3
135°	140.4	131.5	122.6	112.1	100.8	88.7	75.8	61.3	47.6	40.3	33.1
137.5°	130.7	123.4	114.5	104.9	94.4	82.3	70.2	57.3	43.6	37.1	30.7
140°	121.8	114.5	106.5	97.6	86.3	75.8	64.5	52.4	40.3	33.1	28.2
142.5°	112.1	105.7	97.6	89.5	79.0	70.2	58.9	47.6	36.3	29.8	25.0
145°	103.2	96.0	89.5	81.5	71.8	63.7	53.2	42.8	32.3	27.4	21.8
147.5°	93.6	87.9	80.7	73.4	65.3	56.5	47.6	37.9	28.2	23.4	19.4
150°	83.1	78.2	72.6	65.3	58.1	50.8	41.9	33.1	24.2	20.2	16.1
152.5°	74.2	68.6	64.5	57.3	50.8	43.6	36.3	28.2	21.0	16.9	13.7
155°	63.7	59.7	54.8	50.0	43.6	37.9	30.7	24.2	16.9	13.7	10.5
157.5°	54.8	51.6	46.8	41.9	36.3	30.7	25.8	19.4	13.7	10.5	8.1
160°	45.2	41.9	37.9	34.7	29.8	25.0	20.2	15.3	10.5	8.1	5.6
162.5°	36.3	33.9	29.8	26.6	23.4	19.4	15.3	11.3	7.3	4.8	3.2
165°	26.6	25.0	22.6	19.4	16.9	13.7	10.5	7.3	4.0	3.2	2.4
167.5°	18.6	16.9	14.5	12.9	11.3	8.1	6.5	4.0	2.4	2.4	1.6
170°	10.5	8.9	8.1	6.5	5.6	4.0	2.4	2.4	1.6	1.6	1.6
172.5°	3.2	2.4	2.4	1.6	1.6	0.8	0.8	1.6	1.6	1.6	1.6
175°	0.0	0.0	0.0	0.0	0.8	0.8	0.8	1.6	1.6	1.6	1.6
177.5°	0.0	0.0	0.0	0.0	0.8	0.8	0.8	1.6	1.6	1.6	1.6
180°	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8



TEST NUMBER: P241626

CATALOG NUMBER: FVS8M-4-LD4-35-3STD-O-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	1956.0	1956.0	1956.0	1956.0
2.5°	1951.2	1956.0	1959.3	1960.1
5°	1944.7	1950.4	1951.2	1954.4
7.5°	1933.5	1939.9	1941.5	1943.1
10°	1918.9	1923.8	1928.6	1930.2
12.5°	1900.4	1906.8	1907.6	1908.5
15°	1880.2	1881.8	1885.9	1885.1
17.5°	1851.2	1854.4	1859.2	1857.6
20°	1822.9	1825.4	1829.4	1826.2
22.5°	1791.5	1788.3	1791.5	1794.7
25°	1752.0	1752.0	1754.4	1752.0
27.5°	1712.4	1709.2	1707.6	1710.8
30°	1669.7	1663.2	1660.8	1664.0
32.5°	1620.5	1613.2	1613.2	1613.2
35°	1576.1	1568.9	1560.8	1559.2
37.5°	1522.1	1510.8	1504.3	1505.9
40°	1467.2	1452.7	1451.9	1445.5
42.5°	1405.9	1394.6	1389.8	1388.2
45°	1346.2	1328.5	1322.8	1320.4
47.5°	1278.5	1265.6	1255.1	1254.3
50°	1213.1	1200.2	1190.6	1190.6
52.5°	1142.2	1127.6	1117.2	1112.3
55°	1073.6	1051.8	1038.9	1043.0
57.5°	996.2	975.2	960.7	958.3
60°	922.0	901.0	885.7	886.5
62.5°	835.7	824.4	804.2	801.0
65°	761.4	741.3	718.7	713.0
67.5°	669.5	656.6	636.4	631.6
70°	585.6	568.7	551.7	538.8
72.5°	499.3	477.5	467.0	459.0
75°	416.2	386.4	378.3	377.5
77.5°	329.9	304.9	293.6	281.5
80°	245.2	228.3	209.7	200.0
82.5°	173.4	150.0	129.9	125.8
85°	108.9	86.3	67.8	58.9
87.5°	65.3	42.8	26.6	17.7
90°	49.2	25.8	8.1	0.8
92.5°	47.6	25.0	7.3	0.8
95°	46.0	24.2	6.5	0.8
97.5°	45.2	23.4	6.5	0.8
100°	44.4	22.6	6.5	0.8
102.5°	42.8	21.8	5.6	0.8
105°	41.9	21.0	5.6	0.8
107.5°	40.3	20.2	5.6	0.8
110°	38.7	19.4	4.8	0.8



TEST NUMBER: P241626

CATALOG NUMBER: FVS8M-4-LD4-35-3STD-O-UNV-EDC1

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	37.1	18.6	4.8	0.8
115°	35.5	17.7	4.0	0.8
117.5°	33.1	16.1	3.2	0.8
120°	31.5	15.3	3.2	0.8
122.5°	29.8	14.5	2.4	0.8
125°	28.2	12.9	2.4	0.8
127.5°	26.6	12.1	1.6	0.8
130°	24.2	10.5	1.6	0.8
132.5°	22.6	9.7	1.6	0.8
135°	20.2	8.9	1.6	1.6
137.5°	18.6	7.3	1.6	1.6
140°	16.1	6.5	1.6	1.6
142.5°	14.5	4.8	1.6	1.6
145°	12.1	4.0	1.6	1.6
147.5°	10.5	3.2	1.6	1.6
150°	8.1	2.4	1.6	1.6
152.5°	6.5	2.4	1.6	1.6
155°	4.8	1.6	1.6	1.6
157.5°	3.2	1.6	1.6	1.6
160°	2.4	1.6	1.6	1.6
162.5°	2.4	1.6	2.4	2.4
165°	1.6	1.6	2.4	2.4
167.5°	1.6	2.4	2.4	2.4
170°	1.6	2.4	2.4	2.4
172.5°	1.6	2.4	2.4	2.4
175°	2.4	2.4	2.4	2.4
177.5°	2.4	2.4	2.4	2.4
180°	0.8	0.8	0.8	0.8

(END OF REPORT)