

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: P241623

Luminaire Tested: **FVS8M-4-LD4-40-3LO-O-UNV-EDC1**

Issue Date: 3/3/2020



**Test Information**

Test Method: LM-79-08  
Report Number: P241623  
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-LD4-40-3LO-O-UNV-EDC1  
Description: FAILSAFE FVS8M LED FIXTURE  
4FT LENGTH, 3-MODULE LED WITH OPAL LENS  
Light Source: (252) 4000K CCT, 80 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

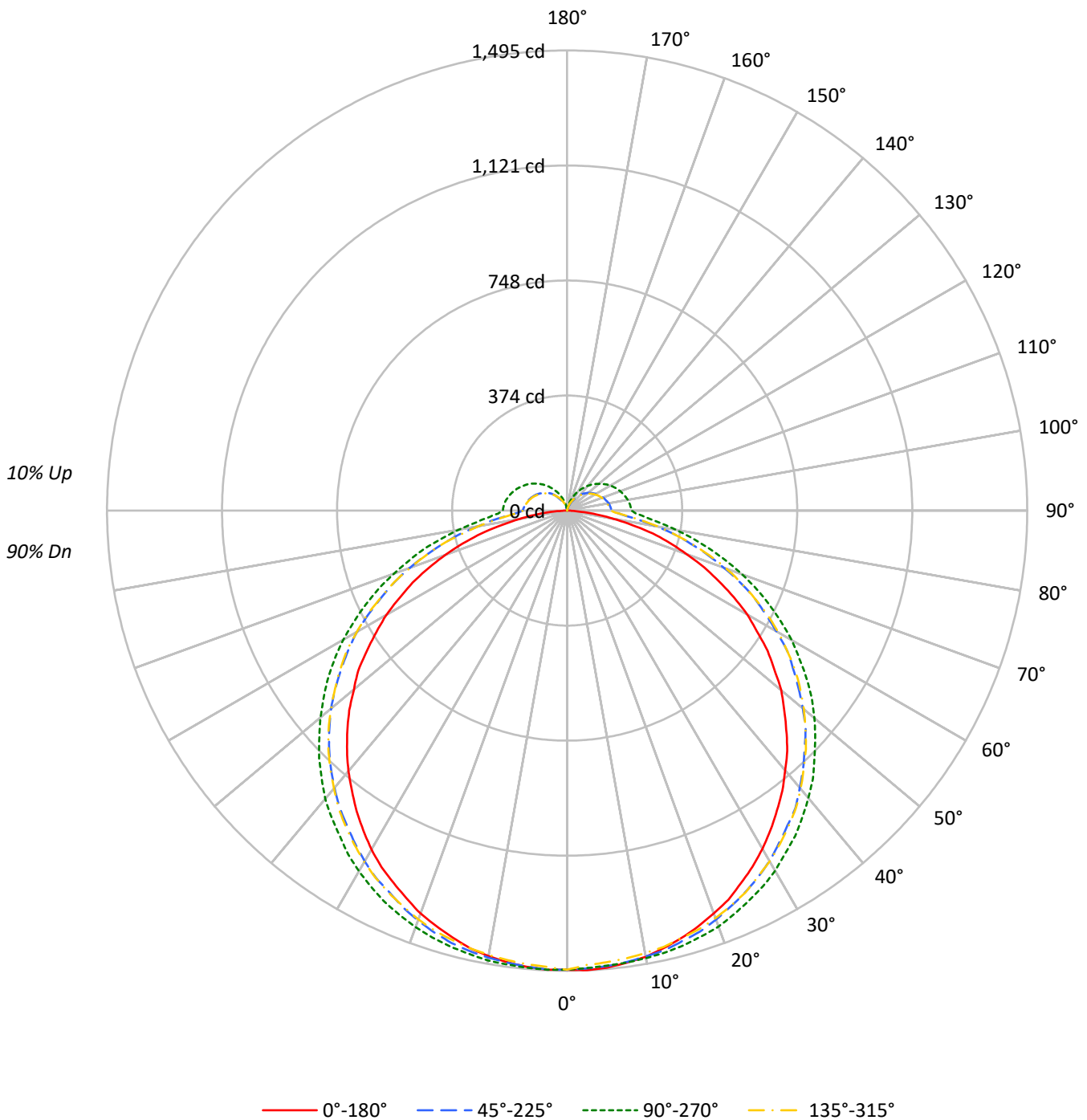
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 5411.0 lumens  
Efficiency: N/A  
Efficacy: 161.5 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): 33.5  
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: P241623  
CATALOG NUMBER: FVS8M-4-LD4-40-3LO-O-UNV-EDC1

### Luminous Intensity Polar Plot





TEST NUMBER: P241623

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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°	6666	6666	6666	6666
5°	6663	6530	6652	6559
10°	6634	6443	6626	6478
15°	6582	6379	6576	6397
20°	6530	6320	6533	6328
25°	6470	6238	6464	6260
30°	6404	6169	6416	6175
35°	6314	6082	6330	6071
40°	6226	5980	6244	5998
45°	6125	5861	6143	5873
50°	6032	5745	6007	5732
55°	5869	5596	5860	5588
60°	5659	5419	5679	5399
65°	5305	5167	5401	5141
70°	4848	4866	4964	4822
75°	4338	4484	4338	4507
80°	3213	4033	3330	4026
85°	1591	3699	1875	3690



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	141.5	2.6
10°-20°	409.5	7.6
20°-30°	631.7	11.7
30°-40°	780.5	14.4
40°-50°	837.4	15.5
50°-60°	792.8	14.7
60°-70°	647.9	12.0
70°-80°	425.9	7.9
80°-90°	203.0	3.8
90°-100°	135.1	2.5
100°-110°	121.8	2.3
110°-120°	102.1	1.9
120°-130°	78.6	1.5
130°-140°	54.1	1.0
140°-150°	31.4	0.6
150°-160°	13.9	0.3
160°-170°	3.5	0.1
170°-180°	0.2	0.0
0°-30°	1182.6	21.9
0°-40°	1963.1	36.3
0°-60°	3593.3	66.4
0°-90°	4870.1	90.0
90°-120°	359.1	6.6
90°-150°	523.2	9.7
90°-180°	541.0	10.0
0°-180°	5411.0	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	1492	1492	1492	1492	1492	
5°	1490	1484	1488	1491	1490	142
15°	1437	1462	1436	1466	1437	406
25°	1336	1398	1335	1403	1336	616
35°	1189	1291	1192	1289	1189	744
45°	1007	1137	1010	1139	1007	778
55°	795	950	794	948	795	708
65°	544	725	554	722	544	539
75°	288	478	288	481	288	299
85°	45	258	53	258	45	61
90°	1	208	2	209	1	2
95°	1	205	1	206	1	0
105°	1	192	1	193	1	1
115°	1	174	1	175	1	1
125°	1	150	1	151	1	1
135°	1	121	1	122	1	1
145°	1	89	1	90	1	1
155°	1	55	1	57	1	1
165°	2	24	2	24	2	0
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°	1491.6	1491.6	1491.6	1491.6	1491.6	1491.6	1491.6	1491.6	1491.6	1491.6	1491.6
2.5°	1494.6	1496.5	1499.6	1502.0	1502.6	1502.6	1501.4	1500.8	1496.5	1492.8	1488.5
5°	1490.3	1491.6	1495.9	1497.7	1498.3	1497.7	1495.9	1495.9	1492.2	1487.3	1485.4
7.5°	1481.7	1485.4	1486.6	1487.9	1489.1	1490.3	1489.1	1487.9	1485.4	1481.7	1479.3
10°	1471.9	1472.5	1475.0	1478.6	1478.6	1479.9	1478.6	1479.3	1476.2	1473.7	1470.7
12.5°	1455.3	1457.1	1459.6	1463.9	1465.1	1466.3	1465.1	1466.3	1463.3	1461.4	1462.7
15°	1437.4	1441.1	1441.7	1445.4	1448.5	1449.1	1449.7	1452.2	1448.5	1449.1	1447.9
17.5°	1416.5	1417.1	1420.8	1422.7	1427.0	1430.7	1428.8	1432.5	1432.5	1432.5	1434.4
20°	1392.5	1391.9	1395.0	1401.8	1405.5	1406.7	1407.9	1412.2	1412.8	1414.1	1414.1
22.5°	1368.5	1366.7	1368.5	1375.9	1377.8	1380.8	1385.8	1388.8	1388.2	1390.1	1391.3
25°	1335.9	1336.6	1339.6	1348.9	1351.3	1355.0	1357.5	1362.4	1363.6	1366.7	1368.5
27.5°	1304.6	1304.6	1310.1	1315.0	1320.0	1323.0	1327.3	1334.7	1334.7	1339.6	1342.7
30°	1268.9	1268.3	1274.4	1280.0	1287.4	1291.7	1295.4	1302.7	1305.2	1308.9	1315.0
32.5°	1230.2	1233.2	1238.8	1243.7	1252.9	1258.4	1264.0	1270.8	1275.1	1277.5	1281.2
35°	1188.9	1190.8	1198.8	1205.6	1214.8	1219.7	1226.5	1232.0	1240.0	1243.1	1248.6
37.5°	1148.4	1151.4	1157.6	1166.2	1177.3	1184.0	1186.5	1196.3	1198.8	1204.9	1218.5
40°	1102.2	1105.9	1117.6	1123.1	1134.8	1141.0	1145.9	1155.7	1161.9	1169.9	1175.4
42.5°	1058.5	1062.9	1066.5	1080.7	1091.8	1096.7	1101.6	1110.8	1118.8	1125.6	1134.8
45°	1006.9	1010.0	1019.8	1035.2	1044.4	1052.4	1056.1	1065.9	1077.0	1083.2	1091.1
47.5°	956.4	961.4	969.4	981.0	992.1	1000.1	1009.3	1020.4	1032.7	1035.8	1051.2
50°	907.9	910.3	916.5	931.8	944.1	951.5	957.1	969.4	978.6	989.0	999.5
52.5°	848.2	849.4	861.7	875.9	893.1	899.2	904.2	919.5	928.2	939.2	947.8
55°	795.3	794.7	807.0	819.3	836.5	844.5	848.8	862.3	874.0	886.9	896.2
57.5°	730.7	736.2	747.9	765.8	780.5	784.2	791.6	807.0	818.7	832.8	848.2
60°	676.0	676.0	687.0	703.6	716.0	728.3	736.9	750.4	761.5	773.2	784.8
62.5°	610.8	611.4	626.1	638.5	655.7	665.5	672.9	689.5	703.6	713.5	725.8
65°	543.7	549.3	567.1	576.9	598.5	602.8	612.6	628.0	640.9	653.8	670.4
67.5°	481.6	486.5	496.4	512.4	534.5	539.4	549.3	565.3	583.7	588.6	607.7
70°	410.9	421.9	430.6	447.8	469.3	473.6	485.3	499.4	518.5	530.8	540.0
72.5°	350.0	354.9	369.0	380.7	396.7	407.8	423.8	434.9	452.1	463.2	479.1
75°	287.9	285.4	299.5	317.4	336.4	342.0	350.0	369.7	386.3	401.6	415.2
77.5°	214.7	219.0	236.8	257.7	275.6	279.2	289.7	305.7	322.9	338.9	358.0
80°	152.5	158.7	168.5	194.4	210.4	220.8	230.0	245.4	260.8	283.6	293.4
82.5°	96.0	101.5	116.2	135.9	152.5	162.4	174.1	189.4	205.4	225.1	236.2
85°	44.9	52.9	67.7	88.0	103.3	115.6	123.0	142.7	159.9	177.1	189.4
87.5°	13.5	19.1	35.1	52.3	71.3	80.6	89.8	108.9	127.9	143.9	157.5
90°	0.6	6.8	20.9	39.4	59.0	68.3	77.5	96.0	113.2	130.4	144.5
92.5°	0.6	6.2	20.3	38.1	57.2	66.4	76.3	94.1	111.3	127.9	142.7
95°	0.6	6.2	19.7	37.5	56.0	65.2	75.0	92.9	110.1	126.1	140.9
97.5°	0.6	6.2	19.1	36.3	54.7	64.0	73.2	91.0	108.3	124.2	139.0
100°	0.6	5.5	19.1	35.7	53.5	62.1	72.0	89.2	106.4	121.8	137.2
102.5°	0.6	5.5	18.5	34.4	52.3	60.9	70.1	87.3	103.3	119.3	133.5
105°	0.6	4.9	17.8	33.8	50.4	59.0	68.3	84.9	100.9	116.2	130.4
107.5°	0.6	4.9	17.2	32.6	49.2	57.8	66.4	82.4	98.4	113.2	127.3
110°	0.6	4.3	16.6	31.4	47.4	56.0	64.6	80.6	96.0	110.7	124.2



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**CANDELA DISTRIBUTION (continued):**

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	0.6	4.3	15.4	30.1	46.1	54.1	62.1	78.1	92.9	107.6	120.6
115°	0.6	3.7	14.8	28.9	44.3	52.3	59.7	75.0	89.8	103.3	116.2
117.5°	0.6	3.7	14.1	27.7	42.4	49.8	57.8	72.0	86.7	99.6	113.2
120°	0.6	3.1	13.5	26.4	40.6	48.0	55.4	69.5	83.0	96.0	108.3
122.5°	0.6	2.5	12.3	25.2	38.7	45.5	52.3	65.8	79.3	92.3	103.3
125°	0.6	1.8	11.7	23.4	36.3	43.1	49.8	63.4	75.7	88.0	99.0
127.5°	0.6	1.8	10.5	22.1	34.4	40.6	47.4	59.7	72.0	83.7	94.1
130°	0.6	1.2	9.2	19.7	32.0	38.1	44.3	56.6	67.7	79.3	89.2
132.5°	0.6	1.2	8.0	17.8	28.9	34.4	41.2	52.9	64.0	74.4	84.3
135°	1.2	1.2	6.8	16.0	25.8	31.4	36.9	48.0	59.0	69.5	78.7
137.5°	1.2	1.2	5.5	13.5	22.8	27.7	33.2	43.1	53.5	64.6	73.2
140°	1.2	1.2	4.9	11.7	19.7	24.6	28.9	38.1	47.4	57.2	67.0
142.5°	1.2	1.2	3.7	9.8	17.2	20.9	25.2	33.8	41.8	50.4	59.7
145°	1.2	1.2	3.1	8.6	14.8	18.5	21.5	28.9	36.3	44.3	52.9
147.5°	1.2	1.2	2.5	6.8	12.3	15.4	19.1	24.6	32.0	38.7	44.9
150°	1.2	1.2	1.8	5.5	10.5	12.9	16.0	20.9	27.1	33.2	38.7
152.5°	1.2	1.2	1.8	4.9	8.6	10.5	12.9	17.8	22.1	27.7	32.6
155°	1.2	1.2	1.8	3.7	6.8	8.6	11.1	14.8	18.5	22.8	27.1
157.5°	1.2	1.2	1.2	2.5	5.5	7.4	8.6	11.7	15.4	17.8	20.9
160°	1.2	1.2	1.2	1.8	4.3	5.5	6.8	9.2	11.7	14.1	17.2
162.5°	1.8	1.8	1.8	1.8	3.1	3.7	4.9	6.8	9.2	11.1	12.3
165°	1.8	1.8	1.8	1.8	1.8	2.5	3.1	4.9	6.2	8.0	9.2
167.5°	1.8	1.8	1.8	1.8	1.8	1.8	2.5	3.1	4.3	4.9	6.2
170°	1.8	1.8	1.8	1.8	1.8	1.2	1.2	1.8	1.8	2.5	3.1
172.5°	1.8	1.8	1.8	1.8	1.8	1.2	1.2	1.2	1.2	1.2	1.2
175°	1.8	1.8	1.8	1.8	1.8	1.2	1.2	1.2	1.2	0.6	0.6
177.5°	1.8	1.8	1.8	1.8	1.8	1.8	1.2	1.2	1.2	0.6	0.6
180°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6



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**CANDELA DISTRIBUTION (continued):**

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	1491.6	1491.6	1491.6	1491.6	1491.6	1491.6	1491.6	1491.6	1491.6	1491.6	1491.6
2.5°	1485.4	1486.0	1487.9	1487.9	1487.9	1488.5	1487.9	1487.3	1486.0	1487.3	1485.4
5°	1482.3	1483.0	1484.2	1486.0	1486.0	1486.0	1487.3	1484.8	1484.8	1484.2	1483.6
7.5°	1477.4	1478.0	1480.5	1481.7	1481.7	1482.3	1483.0	1483.0	1481.1	1481.1	1479.9
10°	1470.0	1473.1	1474.3	1476.8	1475.6	1477.4	1478.0	1476.8	1475.6	1476.2	1476.2
12.5°	1461.4	1465.7	1465.7	1470.7	1470.0	1469.4	1470.7	1470.7	1470.0	1470.7	1470.7
15°	1450.4	1454.0	1456.5	1460.8	1460.2	1460.2	1463.3	1463.9	1462.0	1462.0	1460.8
17.5°	1435.6	1437.4	1443.6	1445.4	1446.7	1447.9	1449.7	1451.0	1450.4	1450.4	1448.5
20°	1417.1	1421.4	1428.2	1427.6	1434.4	1434.4	1434.4	1435.0	1436.2	1438.1	1435.0
22.5°	1395.0	1402.4	1407.9	1411.6	1412.8	1414.1	1416.5	1419.0	1418.4	1418.4	1419.0
25°	1372.2	1380.2	1384.5	1391.9	1394.4	1393.2	1398.1	1399.3	1399.3	1398.1	1399.3
27.5°	1347.0	1355.6	1363.0	1363.6	1367.3	1369.2	1371.6	1375.9	1375.9	1376.5	1374.7
30°	1319.3	1328.6	1333.5	1337.8	1340.3	1340.3	1347.0	1348.3	1347.6	1351.3	1350.7
32.5°	1289.2	1299.7	1304.0	1310.1	1313.2	1313.2	1316.9	1321.2	1319.3	1319.3	1320.6
35°	1255.4	1264.6	1270.1	1277.5	1278.7	1280.6	1284.9	1289.8	1291.7	1291.0	1289.2
37.5°	1224.6	1227.7	1237.5	1243.1	1243.7	1246.1	1251.1	1254.8	1253.5	1255.4	1254.8
40°	1184.0	1190.8	1199.4	1206.2	1209.9	1208.6	1213.5	1216.6	1218.5	1219.1	1221.5
42.5°	1145.9	1155.1	1160.7	1167.4	1169.9	1169.9	1173.0	1175.4	1178.5	1181.6	1178.5
45°	1102.8	1110.2	1118.2	1124.4	1129.3	1130.5	1133.0	1132.4	1135.4	1136.7	1141.0
47.5°	1057.3	1067.2	1073.3	1079.5	1081.9	1086.2	1091.1	1091.8	1096.1	1093.0	1096.7
50°	1012.4	1020.4	1028.4	1035.8	1038.3	1037.6	1040.1	1043.2	1046.2	1048.7	1046.9
52.5°	960.1	969.4	977.4	983.5	989.0	987.8	995.2	992.7	999.5	1002.0	998.3
55°	906.0	920.8	926.9	932.5	933.1	938.0	948.5	944.1	946.6	949.7	947.2
57.5°	852.5	862.3	871.0	878.3	880.2	886.3	888.8	890.6	893.7	894.3	897.4
60°	801.4	805.1	816.2	824.2	827.3	827.9	839.0	837.1	841.4	843.3	840.8
62.5°	738.7	749.8	759.0	768.2	768.2	773.2	777.5	776.2	781.1	784.2	786.1
65°	677.8	688.9	698.1	705.5	708.6	714.1	716.0	717.2	722.7	725.2	725.2
67.5°	615.1	630.5	636.0	642.8	648.3	650.1	657.5	660.0	663.1	666.7	668.0
70°	553.6	570.8	576.3	583.1	584.9	590.5	595.4	600.3	599.1	603.4	606.5
72.5°	494.5	506.2	511.7	520.4	525.9	530.8	535.1	540.0	542.5	541.3	545.0
75°	430.6	442.9	448.4	460.7	461.9	466.8	474.8	477.9	479.1	478.5	479.8
77.5°	370.9	380.7	386.9	398.0	403.5	404.7	415.2	415.2	418.9	417.6	420.1
80°	305.7	318.6	332.8	340.8	346.3	345.7	351.2	355.5	357.4	357.4	359.2
82.5°	253.4	263.3	276.8	285.4	288.5	292.2	299.5	302.6	306.3	302.6	308.2
85°	207.9	219.0	229.4	236.2	239.3	245.4	251.6	252.8	258.3	258.3	257.7
87.5°	171.6	183.3	193.7	203.0	207.3	209.7	216.5	219.6	222.0	223.9	222.7
90°	158.1	170.4	180.8	189.4	193.7	196.8	202.4	206.1	207.9	208.5	207.9
92.5°	156.2	167.9	178.4	187.6	191.3	195.0	200.5	204.2	206.7	207.3	206.1
95°	154.4	166.7	177.1	185.8	189.4	193.1	198.7	202.4	204.8	205.4	204.2
97.5°	153.2	164.2	175.3	183.9	187.6	190.7	196.8	200.5	202.4	203.0	202.4
100°	150.7	161.8	172.2	180.8	184.5	187.6	193.1	197.4	199.3	199.9	199.3
102.5°	147.0	158.7	168.5	177.1	180.8	184.5	189.4	193.1	195.6	196.2	195.6
105°	143.9	155.6	165.5	173.5	177.1	180.8	185.8	189.4	191.9	192.5	191.3
107.5°	140.2	151.9	161.8	170.4	174.1	177.1	182.1	185.8	187.6	188.2	187.0
110°	136.5	148.2	158.1	166.1	169.8	172.2	177.8	180.8	183.3	183.9	182.7





TEST NUMBER: P241623

CATALOG NUMBER: FVS8M-4-LD4-40-3LO-O-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	132.2	143.3	153.2	161.2	164.2	167.9	172.2	175.9	178.4	179.0	177.8
115°	127.9	138.4	148.8	156.8	159.9	163.0	167.9	171.0	172.8	173.5	172.8
117.5°	124.2	134.1	143.3	151.3	154.4	157.5	162.4	165.5	167.9	167.9	167.3
120°	119.3	129.2	137.8	145.2	149.5	151.3	156.2	159.9	161.8	161.8	161.8
122.5°	115.0	124.2	133.5	140.2	143.3	145.8	150.7	154.4	156.2	156.2	155.0
125°	109.5	118.7	126.7	134.1	136.5	139.0	143.9	147.0	148.8	149.5	148.2
127.5°	103.9	113.2	121.2	127.3	131.0	133.5	137.2	140.2	142.7	142.7	141.5
130°	98.4	107.0	115.0	121.2	124.2	126.1	130.4	134.1	135.3	135.3	134.7
132.5°	92.9	101.5	108.9	114.4	117.5	119.3	123.0	126.1	127.9	128.6	127.3
135°	87.3	95.3	102.1	108.3	110.1	112.6	115.6	118.7	119.9	120.6	119.3
137.5°	81.8	89.2	95.3	100.9	103.3	105.2	108.9	111.3	112.6	113.2	111.9
140°	75.7	82.4	88.6	94.1	96.6	97.8	101.5	103.3	105.2	105.2	103.9
142.5°	69.5	76.3	81.8	86.7	88.6	90.4	93.5	96.0	96.6	96.6	96.6
145°	62.1	69.5	75.0	80.0	81.8	83.0	85.5	87.3	88.6	89.2	88.0
147.5°	54.1	60.9	67.7	72.0	73.8	75.7	77.5	80.0	80.6	80.6	79.3
150°	45.5	52.3	59.7	64.6	67.0	67.7	69.5	70.7	72.6	72.6	72.0
152.5°	38.1	44.3	51.1	57.2	58.4	60.3	61.5	63.4	64.0	64.0	63.4
155°	32.0	36.9	41.8	48.0	51.1	52.3	54.1	55.4	56.0	55.4	55.4
157.5°	25.2	29.5	33.8	38.7	43.1	44.3	46.1	47.4	48.0	47.4	47.4
160°	19.7	22.8	25.8	30.8	32.6	35.7	38.1	38.7	39.4	39.4	38.7
162.5°	14.8	17.2	19.1	22.1	24.6	26.4	30.1	31.4	31.4	32.0	30.8
165°	10.5	11.7	13.5	15.4	16.6	17.8	21.5	23.4	23.4	24.0	23.4
167.5°	6.8	7.4	8.6	9.8	10.5	11.7	12.9	15.4	16.6	16.6	16.0
170°	3.7	3.7	4.3	4.9	5.5	5.5	6.2	8.6	9.2	9.2	8.6
172.5°	1.2	1.2	1.2	1.2	1.2	1.2	1.8	1.8	3.1	3.1	2.5
175°	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6



TEST NUMBER: P241623

CATALOG NUMBER: FVS8M-4-LD4-40-3LO-O-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	1491.6	1491.6	1491.6	1491.6	1491.6	1491.6	1491.6	1491.6	1491.6	1491.6	1491.6
2.5°	1486.6	1485.4	1487.3	1487.9	1486.6	1484.2	1481.7	1479.9	1477.4	1476.8	1476.8
5°	1483.6	1483.0	1484.2	1484.2	1484.2	1483.0	1479.3	1476.8	1473.1	1471.9	1473.1
7.5°	1479.9	1479.9	1481.1	1480.5	1479.3	1478.0	1473.7	1470.7	1467.6	1466.3	1466.3
10°	1474.3	1473.7	1474.3	1473.1	1473.1	1470.7	1467.6	1462.7	1459.6	1458.3	1458.3
12.5°	1468.8	1466.3	1465.7	1467.6	1465.7	1462.7	1456.5	1453.4	1451.6	1446.0	1445.4
15°	1459.6	1456.5	1457.1	1455.9	1457.7	1454.0	1447.3	1444.2	1437.4	1433.1	1432.5
17.5°	1446.7	1446.7	1446.0	1444.8	1443.6	1439.3	1435.0	1430.7	1425.8	1420.8	1414.1
20°	1431.9	1432.5	1431.3	1431.9	1431.3	1423.9	1419.6	1412.8	1409.1	1402.4	1397.5
22.5°	1416.5	1415.3	1413.4	1412.2	1412.8	1407.9	1401.8	1395.0	1389.5	1381.5	1376.5
25°	1398.1	1396.8	1393.8	1393.2	1393.2	1387.0	1381.5	1371.6	1369.2	1360.6	1351.9
27.5°	1372.9	1371.6	1370.4	1368.5	1367.3	1364.2	1358.7	1348.3	1341.5	1334.1	1325.5
30°	1345.2	1347.6	1343.3	1342.1	1339.0	1339.0	1331.6	1323.0	1315.7	1304.6	1296.6
32.5°	1317.5	1318.7	1317.5	1315.0	1310.7	1309.5	1300.9	1293.5	1285.5	1273.8	1264.0
35°	1287.4	1285.5	1286.7	1279.4	1282.4	1275.1	1267.1	1262.8	1252.9	1241.8	1232.0
37.5°	1254.1	1252.9	1249.2	1245.5	1243.7	1241.8	1232.0	1225.2	1220.3	1206.2	1194.5
40°	1214.8	1216.6	1214.2	1213.5	1208.0	1205.6	1194.5	1187.1	1180.3	1167.4	1156.3
42.5°	1177.9	1180.9	1171.7	1173.0	1169.9	1162.5	1156.3	1150.2	1137.9	1131.1	1113.9
45°	1137.3	1134.2	1132.4	1125.6	1125.6	1121.9	1112.7	1109.0	1096.7	1085.6	1070.9
47.5°	1090.5	1094.2	1085.6	1086.2	1085.0	1078.2	1067.8	1064.7	1050.6	1043.2	1025.3
50°	1046.9	1043.2	1040.7	1041.9	1033.9	1032.7	1024.7	1014.9	1003.8	994.6	981.0
52.5°	995.8	996.4	996.4	989.7	989.7	979.8	971.2	963.8	955.2	941.1	931.8
55°	947.8	946.6	942.9	941.7	933.1	928.8	920.8	909.7	904.2	891.2	880.8
57.5°	897.4	894.3	890.0	883.3	881.4	875.9	867.3	857.4	847.6	836.5	829.1
60°	840.8	839.6	833.4	829.1	826.7	819.9	814.4	806.4	792.2	780.5	768.8
62.5°	782.4	781.8	778.7	773.2	771.9	764.5	754.7	743.6	733.8	722.7	709.2
65°	722.1	718.4	713.5	712.9	707.3	703.6	698.7	683.4	671.0	660.6	648.3
67.5°	666.1	663.1	653.2	653.2	648.9	642.8	633.5	627.4	609.5	599.1	584.9
70°	601.5	602.2	597.9	594.8	586.2	577.6	573.3	565.3	550.5	535.1	524.7
72.5°	539.4	536.3	530.2	527.7	525.9	519.7	507.4	495.1	484.1	473.6	453.9
75°	477.9	474.2	465.0	468.1	463.2	455.2	448.4	434.2	420.1	407.2	392.4
77.5°	415.8	409.0	406.0	405.3	404.1	393.0	382.0	369.7	356.7	351.2	327.2
80°	359.8	350.6	346.3	347.5	342.0	331.5	324.8	313.1	299.5	285.4	267.6
82.5°	301.4	300.2	292.2	289.1	284.8	278.6	268.2	255.9	241.7	228.2	212.2
85°	254.6	249.7	249.7	239.9	238.7	229.4	219.6	207.9	192.5	176.5	161.8
87.5°	221.4	215.3	211.0	206.1	203.0	195.6	183.3	171.0	156.8	145.8	126.1
90°	204.8	201.1	194.4	190.7	187.0	177.1	166.1	154.4	140.9	125.5	110.7
92.5°	203.0	198.7	192.5	188.8	185.1	175.3	164.2	152.5	138.4	123.6	107.6
95°	201.7	196.8	190.7	187.0	183.3	173.5	163.0	150.7	137.2	121.8	106.4
97.5°	199.3	195.0	188.8	185.1	180.8	171.6	161.2	148.8	135.3	119.9	104.6
100°	196.2	191.3	185.8	182.1	178.4	169.1	158.1	145.8	132.2	118.1	102.7
102.5°	192.5	188.8	182.1	178.4	174.7	165.5	155.0	142.7	129.8	115.6	100.3
105°	188.8	184.5	179.0	175.3	171.0	162.4	151.9	139.6	126.7	112.6	97.8
107.5°	185.8	180.8	174.7	171.0	167.3	158.7	148.2	136.5	123.6	109.5	95.3
110°	180.8	176.5	170.4	166.7	163.0	154.4	143.9	132.9	120.6	106.4	92.3



TEST NUMBER: P241623

CATALOG NUMBER: FVS8M-4-LD4-40-3LO-O-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	175.3	171.0	164.8	161.8	158.1	149.5	139.6	128.6	116.9	103.3	89.2
115°	170.4	166.1	160.5	157.5	153.8	145.2	135.3	124.2	113.2	99.6	86.1
117.5°	164.8	160.5	155.0	151.9	148.2	139.6	131.0	120.6	108.9	96.0	83.0
120°	158.7	154.4	149.5	146.4	142.7	134.7	126.1	115.6	104.6	92.3	79.3
122.5°	152.5	148.8	143.3	140.2	137.2	129.8	121.2	111.3	100.3	88.6	76.3
125°	145.8	142.1	137.2	134.1	131.0	124.2	115.6	106.4	95.3	84.3	72.0
127.5°	139.0	135.9	131.0	127.9	124.9	118.1	110.1	100.9	91.0	80.0	68.3
130°	132.2	128.6	124.2	121.8	118.1	111.9	104.6	95.3	86.1	75.7	64.6
132.5°	124.9	121.8	117.5	115.0	112.6	105.8	98.4	90.4	80.6	70.7	60.9
135°	117.5	114.4	111.3	108.3	105.2	99.6	92.3	84.3	75.7	66.4	56.6
137.5°	110.1	107.0	103.9	101.5	98.4	92.9	86.7	78.7	70.1	62.1	52.9
140°	102.7	99.6	96.6	94.1	91.6	86.7	80.0	73.2	65.2	56.6	48.0
142.5°	94.7	92.3	88.6	86.7	84.3	79.3	73.8	67.0	59.7	51.7	44.3
145°	86.7	84.3	81.2	79.3	76.9	72.6	67.7	60.9	54.1	47.4	40.0
147.5°	78.7	76.3	73.2	72.0	69.5	66.4	60.9	54.7	49.2	41.8	35.1
150°	70.1	68.9	65.8	64.0	62.7	58.4	54.1	48.6	43.7	37.5	31.4
152.5°	62.7	60.9	57.8	56.6	55.4	51.7	48.0	42.4	38.1	32.6	27.1
155°	54.1	52.9	50.4	49.2	48.0	44.3	41.2	36.9	32.6	27.7	22.8
157.5°	46.7	45.5	43.1	41.8	40.6	38.1	34.4	31.4	27.1	22.8	18.5
160°	38.1	36.9	35.7	34.4	33.8	31.4	27.7	25.2	22.1	18.5	14.1
162.5°	30.1	30.1	28.3	27.7	26.4	24.6	22.1	19.1	16.6	14.1	10.5
165°	22.8	22.1	20.9	20.3	19.7	17.8	16.0	14.8	12.3	9.8	6.8
167.5°	15.4	14.8	14.1	14.1	13.5	12.3	10.5	8.6	7.4	5.5	4.3
170°	8.6	8.0	8.0	7.4	7.4	6.2	5.5	4.3	3.7	2.5	1.8
172.5°	2.5	2.5	2.5	2.5	1.8	1.2	1.2	0.6	0.6	0.6	0.6
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.6
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.6	0.6
180°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6



TEST NUMBER: P241623

CATALOG NUMBER: FVS8M-4-LD4-40-3LO-O-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	1491.6	1491.6	1491.6	1491.6	1491.6	1491.6	1491.6	1491.6	1491.6	1491.6	1491.6
2.5°	1477.4	1478.6	1478.6	1478.0	1483.6	1486.6	1489.7	1492.8	1495.9	1498.3	1501.4
5°	1471.9	1473.7	1473.1	1474.3	1476.8	1483.6	1486.0	1487.9	1490.9	1494.0	1497.7
7.5°	1465.7	1466.3	1465.7	1465.1	1470.7	1475.0	1477.4	1480.5	1484.2	1486.0	1489.1
10°	1456.5	1455.9	1455.9	1455.9	1459.6	1463.9	1467.0	1470.0	1472.5	1475.0	1476.8
12.5°	1443.6	1444.8	1441.7	1443.0	1443.6	1448.5	1452.2	1456.5	1457.1	1460.2	1461.4
15°	1430.1	1428.8	1428.8	1427.6	1427.6	1431.3	1433.7	1436.2	1439.9	1443.6	1446.0
17.5°	1412.2	1409.8	1408.5	1409.8	1407.9	1409.8	1413.4	1415.3	1419.0	1419.6	1426.4
20°	1391.9	1392.5	1388.2	1385.2	1384.5	1387.6	1388.2	1393.2	1395.6	1396.2	1401.1
22.5°	1369.8	1366.1	1363.6	1362.4	1361.8	1361.8	1361.8	1363.6	1367.3	1369.2	1374.1
25°	1345.8	1339.6	1337.8	1335.9	1331.6	1331.0	1332.9	1334.7	1337.2	1341.5	1345.2
27.5°	1317.5	1312.0	1310.1	1305.8	1300.3	1302.1	1302.1	1305.8	1305.2	1308.9	1313.8
30°	1285.5	1280.6	1276.3	1275.7	1265.8	1268.9	1265.2	1271.4	1270.1	1276.3	1281.8
32.5°	1256.6	1248.0	1241.2	1239.4	1231.4	1230.2	1229.5	1232.0	1232.0	1237.5	1247.4
35°	1221.5	1211.7	1203.7	1203.1	1191.4	1192.0	1187.7	1192.0	1193.3	1198.8	1208.6
37.5°	1181.6	1171.1	1166.8	1165.0	1152.0	1150.8	1147.7	1148.4	1151.4	1158.2	1165.6
40°	1141.6	1132.4	1126.8	1125.6	1113.9	1106.5	1101.6	1105.3	1104.7	1115.1	1123.7
42.5°	1101.6	1089.3	1082.5	1078.8	1070.9	1062.2	1057.3	1058.5	1061.6	1067.8	1080.7
45°	1061.0	1046.9	1038.9	1036.4	1021.0	1014.3	1009.3	1010.0	1012.4	1024.1	1030.9
47.5°	1013.0	999.5	992.1	986.6	973.1	965.7	958.3	960.1	962.6	971.8	984.7
50°	964.4	949.7	942.3	937.4	926.9	910.9	904.8	904.2	907.9	921.4	936.1
52.5°	917.1	899.9	893.1	886.3	870.3	858.6	853.7	856.2	858.0	862.3	879.6
55°	865.4	848.2	839.0	835.9	815.6	808.2	799.0	794.1	798.4	810.1	827.3
57.5°	812.5	792.2	783.6	779.3	759.0	753.5	739.9	735.0	739.3	751.0	767.6
60°	751.6	737.5	725.2	720.3	704.3	687.7	678.4	678.4	684.6	689.5	706.7
62.5°	694.4	674.7	671.7	656.9	640.9	628.6	617.5	613.2	621.2	632.9	647.1
65°	631.7	611.4	607.7	596.6	580.0	565.3	559.7	553.6	557.3	565.3	580.0
67.5°	572.0	551.1	541.9	532.0	521.0	501.9	487.8	486.5	489.6	507.4	516.7
70°	507.4	487.8	481.0	477.3	454.5	436.1	425.6	420.7	426.9	444.7	456.4
72.5°	439.8	427.5	413.9	407.2	388.7	369.0	357.4	355.5	361.7	372.7	388.7
75°	376.4	357.4	351.2	343.2	323.5	303.8	290.9	287.9	295.2	306.3	322.9
77.5°	313.7	293.4	287.2	277.4	259.6	241.7	225.7	219.6	230.7	242.3	262.0
80°	252.8	236.8	227.6	218.4	200.5	182.7	164.2	158.1	167.9	181.4	195.0
82.5°	193.7	176.5	164.2	156.8	140.2	123.6	109.5	105.8	112.6	126.1	140.2
85°	143.9	126.7	116.9	108.3	93.5	71.3	58.4	52.9	59.0	73.2	91.0
87.5°	110.7	91.6	81.8	74.4	53.5	38.1	22.1	17.8	24.6	36.9	56.6
90°	92.9	75.0	65.8	56.6	37.5	20.3	7.4	1.8	8.6	22.8	41.2
92.5°	90.4	72.6	63.4	54.1	35.7	18.5	5.5	0.6	6.8	20.3	38.1
95°	89.2	71.3	62.1	52.9	34.4	17.8	4.9	0.6	6.2	19.7	37.5
97.5°	88.0	69.5	60.9	51.7	33.8	17.8	4.9	0.6	6.2	19.1	36.3
100°	86.1	67.7	59.0	50.4	33.2	17.2	4.9	0.6	6.2	19.1	35.7
102.5°	83.7	66.4	57.8	49.2	32.0	16.6	4.3	0.6	5.5	18.5	35.1
105°	81.2	64.6	56.6	48.0	30.8	16.0	4.3	0.6	5.5	17.8	33.8
107.5°	79.3	62.7	54.7	46.1	29.5	15.4	3.7	0.6	4.9	17.2	32.6
110°	76.9	60.9	52.9	44.9	28.9	14.8	3.7	0.6	4.9	16.6	31.4



TEST NUMBER: P241623

CATALOG NUMBER: FVS8M-4-LD4-40-3LO-O-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	74.4	58.4	51.1	43.1	27.7	13.5	3.1	0.6	4.3	16.0	30.1
115°	71.3	56.6	49.2	41.2	26.4	12.9	3.1	0.6	4.3	15.4	29.5
117.5°	68.9	54.1	46.7	39.4	24.6	12.3	2.5	0.6	3.7	14.1	27.7
120°	65.8	51.1	44.3	36.9	23.4	11.7	1.8	0.6	3.7	13.5	26.4
122.5°	62.7	48.6	41.8	35.1	22.1	10.5	1.8	0.6	3.1	12.9	25.2
125°	59.7	46.1	39.4	33.2	20.9	9.8	1.2	0.6	3.1	11.7	24.0
127.5°	56.6	43.7	37.5	31.4	19.7	8.6	1.2	0.6	2.5	11.1	22.8
130°	52.9	40.6	35.1	28.9	17.8	8.0	1.2	0.6	1.8	9.8	20.3
132.5°	49.8	37.5	32.6	27.1	16.6	6.8	1.2	0.6	1.8	8.6	18.5
135°	46.1	35.1	30.1	25.2	14.8	6.2	0.6	0.6	1.2	7.4	16.0
137.5°	42.4	32.6	27.7	22.8	13.5	4.9	1.2	1.2	1.2	6.2	14.1
140°	38.7	29.5	24.6	20.3	11.7	4.3	1.2	1.2	1.2	5.5	12.3
142.5°	35.1	26.4	22.1	18.5	10.5	3.1	1.2	1.2	1.2	4.3	10.5
145°	32.0	24.0	19.7	16.0	8.6	2.5	1.2	1.2	1.2	3.7	8.6
147.5°	28.3	20.9	17.2	14.1	7.4	1.8	1.2	1.2	1.2	3.1	7.4
150°	24.6	17.8	14.8	11.7	5.5	1.2	1.2	1.2	1.2	2.5	6.8
152.5°	20.9	14.8	12.3	9.8	4.3	1.2	1.2	1.2	1.2	2.5	5.5
155°	17.2	12.3	9.8	7.4	3.1	1.2	1.2	1.2	1.2	1.8	4.3
157.5°	14.1	9.8	8.0	5.5	1.8	1.2	1.2	1.2	1.2	1.8	3.7
160°	11.1	6.8	5.5	3.7	1.2	1.2	1.2	1.2	1.2	1.8	2.5
162.5°	8.0	4.9	3.1	2.5	1.2	1.2	1.2	1.8	1.2	1.2	2.5
165°	4.9	2.5	1.8	1.2	1.2	1.2	1.2	1.8	1.8	1.2	1.8
167.5°	2.5	1.2	1.2	1.2	1.2	1.2	1.8	1.8	1.8	1.8	1.8
170°	1.2	1.2	1.2	1.2	1.2	1.8	1.8	1.8	1.8	1.8	1.8
172.5°	1.2	1.2	1.2	1.2	1.2	1.8	1.8	1.8	1.8	1.8	1.8
175°	1.2	1.2	1.2	1.2	1.2	1.8	1.8	1.8	1.8	1.8	1.8
177.5°	1.2	1.2	1.2	1.2	1.8	1.8	1.8	1.8	1.8	1.8	1.8
180°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6



TEST NUMBER: P241623

CATALOG NUMBER: FVS8M-4-LD4-40-3LO-O-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	1491.6	1491.6	1491.6	1491.6	1491.6	1491.6	1491.6	1491.6	1491.6	1491.6	1491.6
2.5°	1501.4	1502.0	1502.0	1502.0	1498.9	1494.0	1492.2	1487.9	1489.1	1491.6	1491.6
5°	1498.3	1498.9	1497.7	1497.1	1494.0	1488.5	1487.3	1485.4	1484.2	1488.5	1488.5
7.5°	1490.3	1489.7	1490.3	1490.9	1488.5	1484.2	1481.7	1479.3	1481.1	1484.2	1484.8
10°	1479.3	1480.5	1480.5	1479.9	1478.6	1475.6	1475.0	1473.1	1475.0	1477.4	1479.9
12.5°	1465.1	1467.0	1467.0	1468.2	1467.0	1463.9	1465.7	1463.3	1467.0	1472.5	1473.1
15°	1449.1	1449.7	1449.7	1453.4	1453.4	1452.8	1454.0	1453.4	1457.7	1460.2	1461.4
17.5°	1430.1	1430.1	1433.1	1437.4	1438.1	1433.1	1436.8	1437.4	1439.9	1445.4	1449.1
20°	1406.1	1410.4	1409.1	1414.1	1414.1	1414.7	1417.1	1419.6	1423.3	1426.4	1433.7
22.5°	1379.6	1384.5	1384.5	1387.6	1391.9	1394.4	1395.0	1398.1	1403.0	1412.2	1411.6
25°	1354.4	1354.4	1358.7	1361.8	1363.0	1369.8	1367.3	1377.2	1380.8	1388.2	1389.5
27.5°	1323.6	1324.3	1329.8	1335.3	1336.6	1338.4	1345.2	1348.3	1356.2	1359.9	1366.7
30°	1289.8	1295.4	1297.2	1305.2	1307.7	1312.0	1315.7	1320.6	1329.8	1332.9	1337.8
32.5°	1254.1	1261.5	1263.4	1270.1	1272.6	1279.4	1282.4	1286.7	1296.6	1303.4	1309.5
35°	1214.8	1220.9	1225.9	1235.7	1239.4	1243.7	1248.0	1256.6	1267.1	1270.1	1275.7
37.5°	1176.0	1182.8	1187.7	1196.3	1201.2	1209.2	1214.8	1220.3	1228.9	1236.3	1240.6
40°	1136.0	1142.8	1144.7	1156.3	1161.3	1170.5	1176.0	1185.3	1192.0	1199.4	1209.2
42.5°	1091.1	1097.9	1101.0	1112.7	1121.3	1125.6	1136.0	1143.4	1153.9	1158.2	1164.3
45°	1046.2	1051.2	1056.1	1067.2	1076.4	1081.9	1094.2	1100.4	1107.8	1116.4	1121.3
47.5°	995.8	1002.0	1006.9	1019.8	1029.0	1039.5	1047.5	1056.1	1065.9	1071.5	1081.9
50°	946.6	952.8	957.1	970.6	979.8	987.8	1001.3	1013.0	1018.6	1026.6	1032.7
52.5°	893.1	901.7	907.2	922.0	931.8	941.1	949.1	961.4	965.7	979.8	986.0
55°	835.9	845.1	853.7	865.4	874.0	891.9	894.9	908.5	919.5	926.9	930.0
57.5°	779.9	787.3	797.8	810.1	824.2	834.0	842.7	852.5	859.3	867.3	877.7
60°	722.1	733.8	734.4	749.2	760.9	776.2	789.1	795.3	807.6	812.5	819.9
62.5°	662.4	666.7	679.7	693.8	701.8	717.2	725.8	739.3	747.3	759.0	767.0
65°	596.6	607.7	618.8	626.1	642.8	653.2	664.3	677.8	684.6	700.0	703.6
67.5°	535.7	546.2	549.9	565.3	578.8	595.4	607.1	618.2	625.5	635.4	648.3
70°	475.5	482.2	487.1	503.7	518.5	530.8	543.7	558.5	567.1	574.5	580.6
72.5°	406.6	411.5	425.0	437.3	452.7	467.5	480.4	493.3	503.1	511.1	518.5
75°	338.9	346.3	361.7	377.7	390.6	409.0	416.4	429.3	437.3	451.5	456.4
77.5°	279.9	289.1	295.9	315.5	327.2	346.3	359.8	370.3	375.8	387.5	398.0
80°	217.1	227.6	233.7	252.8	268.2	280.5	292.8	305.7	321.1	332.1	335.2
82.5°	162.4	167.3	175.3	196.2	212.2	231.9	244.2	253.4	266.3	274.9	282.3
85°	112.6	117.5	130.4	145.8	162.4	180.2	193.7	208.5	217.7	228.8	237.4
87.5°	74.4	83.7	94.7	112.6	127.3	144.5	159.3	171.6	183.9	194.4	202.4
90°	59.7	68.9	78.7	96.6	113.8	129.8	144.5	158.1	169.8	180.8	188.8
92.5°	57.2	66.4	75.7	94.1	110.7	127.3	142.1	156.2	167.3	177.8	187.0
95°	56.0	65.2	74.4	92.3	109.5	125.5	140.2	154.4	166.1	176.5	185.1
97.5°	54.7	64.0	73.2	91.0	107.6	124.2	138.4	151.9	164.2	174.7	183.3
100°	53.5	62.1	71.3	88.6	105.8	121.8	136.5	150.1	161.8	172.2	180.8
102.5°	52.3	60.9	70.1	86.7	103.3	118.7	133.5	146.4	158.7	168.5	177.1
105°	50.4	59.0	68.3	84.9	100.9	115.6	130.4	143.3	155.6	164.8	173.5
107.5°	49.2	57.8	65.8	83.0	98.4	113.2	126.7	139.6	151.3	161.8	169.8
110°	47.4	56.0	64.0	80.0	96.0	110.1	123.6	136.5	147.6	158.1	166.1



TEST NUMBER: P241623

CATALOG NUMBER: FVS8M-4-LD4-40-3LO-O-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	46.1	54.1	62.1	77.5	92.3	107.0	119.9	132.2	143.9	153.2	161.2
115°	44.3	52.3	59.7	75.0	89.8	103.9	116.2	128.6	139.0	148.8	156.8
117.5°	42.4	49.8	57.8	72.0	86.7	99.6	112.6	123.6	134.1	143.3	151.3
120°	40.6	48.0	55.4	69.5	83.0	96.6	108.3	119.3	129.2	138.4	145.8
122.5°	38.7	45.5	52.9	66.4	79.3	92.3	103.9	114.4	124.2	132.2	140.2
125°	36.9	43.7	50.4	63.4	75.7	88.0	99.0	109.5	118.7	126.7	134.1
127.5°	35.1	41.2	47.4	60.3	72.6	83.7	94.7	104.6	113.2	121.2	127.9
130°	32.6	38.7	44.3	56.6	68.3	79.3	89.8	99.0	108.3	115.0	121.8
132.5°	28.9	35.1	41.2	52.9	64.6	75.0	84.9	94.1	102.1	108.9	115.6
135°	25.8	31.4	36.9	47.4	59.0	70.1	79.3	88.0	96.0	102.1	108.9
137.5°	22.8	27.7	32.6	42.4	52.9	63.4	74.4	82.4	89.8	96.0	101.5
140°	20.3	24.0	28.9	37.5	47.4	56.6	67.0	76.9	83.7	89.8	95.3
142.5°	17.2	21.5	25.8	33.2	41.2	49.8	59.7	68.9	77.5	82.4	88.0
145°	14.8	18.5	22.1	28.9	35.7	43.7	51.1	61.5	70.1	76.3	80.6
147.5°	12.9	15.4	19.1	25.2	30.8	37.5	44.9	52.9	60.9	68.9	73.2
150°	11.1	13.5	16.0	20.9	26.4	32.0	37.5	44.9	51.1	59.7	65.8
152.5°	9.2	11.7	13.5	17.8	22.1	27.1	32.0	38.1	43.7	49.8	57.8
155°	8.0	9.8	11.7	14.8	18.5	22.1	26.4	31.4	36.3	41.8	48.0
157.5°	6.2	8.0	9.8	12.3	15.4	17.8	21.5	24.6	29.5	32.6	38.1
160°	4.9	6.2	7.4	9.8	12.3	14.8	16.6	19.7	22.8	25.2	29.5
162.5°	3.7	4.9	6.2	8.0	9.8	11.7	12.9	14.8	16.6	19.1	22.1
165°	2.5	3.7	4.3	5.5	7.4	8.6	9.8	10.5	11.7	13.5	15.4
167.5°	1.8	2.5	3.1	3.7	4.9	6.2	6.8	7.4	8.0	8.6	9.8
170°	1.8	1.8	1.8	2.5	3.1	3.7	4.3	4.3	4.9	4.9	5.5
172.5°	1.2	1.2	1.2	1.2	1.2	1.8	1.8	1.8	1.8	1.8	1.8
175°	1.8	1.2	1.2	1.2	1.2	0.6	0.6	0.6	0.6	0.0	0.0
177.5°	1.8	1.2	1.2	1.2	1.2	0.6	0.6	0.0	0.0	0.0	0.0
180°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6



TEST NUMBER: P241623

CATALOG NUMBER: FVS8M-4-LD4-40-3LO-O-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	1491.6	1491.6	1491.6	1491.6	1491.6	1491.6	1491.6	1491.6	1491.6	1491.6	1491.6
2.5°	1492.2	1493.4	1493.4	1493.4	1493.4	1492.8	1493.4	1493.4	1492.8	1492.8	1492.8
5°	1489.7	1489.7	1491.6	1490.9	1491.6	1490.9	1490.9	1489.7	1490.9	1490.3	1489.7
7.5°	1486.0	1486.6	1487.3	1488.5	1487.9	1487.3	1487.9	1486.6	1486.0	1486.0	1486.0
10°	1480.5	1482.3	1483.6	1484.8	1483.6	1484.2	1483.6	1483.0	1481.1	1481.7	1481.7
12.5°	1472.5	1473.7	1475.6	1475.6	1476.2	1475.0	1477.4	1475.6	1474.3	1475.6	1472.5
15°	1463.9	1462.7	1465.1	1467.6	1467.0	1466.3	1467.6	1465.7	1465.1	1463.3	1464.5
17.5°	1452.8	1452.2	1455.9	1455.3	1455.3	1454.7	1454.0	1453.4	1451.6	1451.0	1450.4
20°	1434.4	1437.4	1438.1	1439.9	1439.9	1439.9	1439.9	1436.8	1435.6	1435.0	1434.4
22.5°	1415.9	1417.1	1419.0	1420.8	1421.4	1422.1	1421.4	1422.1	1419.6	1418.4	1417.8
25°	1391.9	1397.5	1401.8	1404.2	1401.8	1403.0	1402.4	1400.5	1401.1	1396.2	1396.8
27.5°	1366.7	1370.4	1374.7	1377.8	1377.2	1378.4	1378.4	1377.8	1375.3	1374.7	1372.9
30°	1340.9	1343.9	1344.6	1348.9	1350.7	1352.6	1350.7	1350.1	1348.9	1344.6	1345.2
32.5°	1313.2	1312.6	1319.3	1318.7	1321.2	1324.3	1322.4	1321.8	1318.7	1316.9	1316.3
35°	1276.9	1280.6	1284.9	1287.4	1287.4	1288.6	1290.4	1288.0	1288.0	1284.3	1284.3
37.5°	1246.8	1246.8	1249.2	1252.9	1254.8	1257.2	1255.4	1256.6	1250.5	1251.7	1248.0
40°	1207.4	1209.9	1213.5	1215.4	1217.2	1222.8	1219.1	1215.4	1213.5	1214.8	1208.6
42.5°	1168.6	1168.0	1173.0	1176.0	1177.3	1180.3	1179.1	1178.5	1176.6	1172.3	1168.6
45°	1123.7	1128.7	1131.1	1133.0	1136.7	1139.1	1136.0	1137.3	1132.4	1128.1	1126.8
47.5°	1083.2	1084.4	1085.6	1091.1	1089.3	1092.4	1093.6	1094.8	1091.1	1086.2	1085.0
50°	1037.0	1035.2	1041.3	1045.0	1043.8	1046.2	1047.5	1046.9	1043.8	1036.4	1035.8
52.5°	985.4	986.0	991.5	996.4	994.0	996.4	998.9	998.3	991.5	990.9	987.8
55°	934.3	936.1	941.7	942.3	944.1	948.5	946.0	943.5	944.8	939.2	935.5
57.5°	880.8	880.8	886.9	890.6	890.6	894.9	894.3	891.2	890.0	888.8	883.3
60°	825.4	827.3	831.6	834.0	839.6	840.2	835.9	838.4	837.1	829.1	824.8
62.5°	767.0	766.4	775.6	778.1	779.3	779.9	778.1	781.1	775.0	771.3	771.9
65°	704.3	706.7	713.5	723.3	720.9	721.5	718.4	719.0	715.3	711.0	708.6
67.5°	650.8	652.6	653.8	660.6	667.4	662.4	659.4	658.1	654.4	654.4	649.5
70°	583.1	586.2	599.1	597.9	599.7	597.9	601.5	602.2	592.3	586.8	591.1
72.5°	527.1	524.0	537.0	533.3	536.3	538.2	538.8	533.3	532.0	526.5	524.0
75°	460.1	467.5	471.8	472.4	473.0	481.0	479.1	476.1	469.3	460.7	463.2
77.5°	402.3	405.3	407.8	410.3	412.1	415.8	416.4	414.6	408.4	406.6	402.9
80°	341.4	345.7	351.8	352.4	353.7	356.7	358.0	354.9	350.0	340.8	337.1
82.5°	286.0	289.7	299.5	301.4	303.8	300.2	304.5	300.2	292.8	289.7	286.6
85°	239.3	244.8	248.5	251.6	254.0	257.7	254.0	253.4	248.5	243.6	238.0
87.5°	207.9	211.0	217.7	219.6	220.8	224.5	223.3	220.8	215.3	208.5	206.7
90°	193.1	196.8	203.0	206.7	209.1	209.1	208.5	206.1	201.7	196.2	191.9
92.5°	191.9	196.2	201.7	204.8	207.3	207.9	207.3	204.2	199.9	193.7	190.1
95°	189.4	193.1	199.3	203.0	204.8	206.1	204.8	203.0	198.7	191.9	188.8
97.5°	187.6	191.3	196.8	201.1	203.0	204.2	203.0	200.5	196.2	190.1	186.4
100°	183.9	188.2	193.7	198.1	199.9	201.1	200.5	197.4	193.1	187.6	183.9
102.5°	180.8	184.5	190.1	194.4	196.2	196.8	196.2	193.7	189.4	183.9	180.2
105°	177.8	180.8	186.4	190.1	192.5	193.1	192.5	190.7	186.4	180.2	176.5
107.5°	173.5	177.1	182.7	186.4	188.2	189.4	188.2	186.4	182.1	175.9	172.8
110°	169.8	172.2	177.8	181.4	183.9	184.5	183.9	181.4	177.1	171.6	167.9





TEST NUMBER: P241623

CATALOG NUMBER: FVS8M-4-LD4-40-3LO-O-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	164.8	167.9	173.5	176.5	178.4	179.6	179.0	175.9	172.2	166.1	163.0
115°	159.9	163.0	168.5	171.6	173.5	174.7	174.1	171.6	166.7	161.2	158.1
117.5°	154.4	158.1	163.0	165.5	167.9	168.5	167.9	165.5	161.8	156.8	152.5
120°	149.5	151.9	156.8	159.9	161.8	162.4	161.8	159.3	155.6	150.1	147.6
122.5°	143.3	146.4	151.3	155.0	156.2	156.8	156.2	154.4	150.1	144.5	141.5
125°	137.2	139.6	144.5	147.6	149.5	150.7	149.5	147.0	142.7	138.4	135.3
127.5°	130.4	133.5	138.4	140.9	142.7	143.9	142.7	139.6	136.5	132.2	129.2
130°	124.2	127.3	131.0	134.1	135.9	136.5	135.3	133.5	130.4	125.5	123.0
132.5°	118.1	120.6	124.2	127.3	128.6	129.2	127.9	126.1	123.0	118.7	115.6
135°	111.3	113.2	116.9	119.3	121.2	121.8	120.6	118.1	115.6	111.9	109.5
137.5°	103.9	106.4	109.5	112.6	113.8	114.4	113.2	111.3	108.3	104.6	102.1
140°	97.2	98.4	102.7	103.9	105.8	106.4	104.6	102.7	100.3	96.6	94.7
142.5°	89.8	91.6	94.7	96.6	98.4	98.4	97.2	95.3	92.9	89.2	88.0
145°	82.4	83.7	86.7	88.6	89.8	89.8	89.2	87.3	85.5	81.8	80.6
147.5°	75.0	76.3	78.7	80.6	81.8	82.4	81.2	80.0	77.5	74.4	72.6
150°	67.7	68.3	70.7	72.0	73.2	73.2	72.6	71.3	68.9	67.0	65.2
152.5°	59.7	60.3	62.7	64.0	64.6	65.8	64.6	62.7	61.5	59.0	57.8
155°	52.3	53.5	54.7	56.0	56.6	56.6	56.0	55.4	53.5	51.7	49.8
157.5°	41.8	45.5	47.4	48.0	48.0	48.6	48.0	46.7	46.1	44.3	43.1
160°	32.6	35.1	38.7	40.6	40.6	40.0	40.0	38.7	38.1	36.3	36.3
162.5°	24.0	25.8	30.8	31.4	32.6	32.0	32.0	32.0	30.8	30.1	28.3
165°	16.6	17.8	21.5	24.6	24.6	24.0	24.0	23.4	23.4	22.1	20.9
167.5°	10.5	11.1	12.9	17.2	17.2	16.6	16.6	16.6	16.0	14.8	14.8
170°	5.5	6.2	6.8	8.0	9.8	9.8	9.2	9.8	9.2	8.6	8.0
172.5°	1.8	1.8	1.2	1.8	3.7	3.7	3.7	3.7	3.7	3.1	3.1
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°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6



TEST NUMBER: P241623

CATALOG NUMBER: FVS8M-4-LD4-40-3LO-O-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	1491.6	1491.6	1491.6	1491.6	1491.6	1491.6	1491.6	1491.6	1491.6	1491.6	1491.6
2.5°	1492.8	1491.6	1489.7	1486.6	1483.6	1483.6	1483.6	1485.4	1486.6	1486.0	1486.6
5°	1489.7	1486.6	1485.4	1481.7	1479.9	1479.9	1478.6	1480.5	1483.6	1482.3	1483.0
7.5°	1486.0	1484.2	1481.1	1476.8	1473.1	1472.5	1472.5	1473.1	1474.3	1473.7	1473.1
10°	1479.9	1477.4	1475.6	1470.0	1465.7	1463.9	1463.3	1465.1	1463.9	1463.9	1463.3
12.5°	1473.1	1470.0	1466.3	1460.2	1456.5	1452.8	1452.8	1451.6	1452.2	1452.2	1451.0
15°	1460.8	1460.8	1455.3	1450.4	1444.2	1440.5	1438.1	1438.1	1437.4	1436.8	1434.4
17.5°	1449.1	1446.0	1440.5	1434.4	1430.7	1426.4	1423.3	1419.6	1419.0	1418.4	1414.7
20°	1434.4	1428.8	1425.8	1419.0	1413.4	1408.5	1403.0	1399.3	1398.7	1395.0	1392.5
22.5°	1415.9	1411.6	1406.7	1400.5	1391.9	1386.4	1382.7	1377.8	1373.5	1372.2	1369.8
25°	1395.6	1392.5	1388.8	1377.8	1370.4	1364.9	1358.1	1352.6	1347.0	1345.2	1342.1
27.5°	1371.6	1366.1	1362.4	1356.2	1346.4	1335.9	1330.4	1323.0	1319.3	1315.7	1314.4
30°	1342.1	1340.3	1332.9	1326.7	1317.5	1308.9	1303.4	1290.4	1288.6	1283.7	1278.1
32.5°	1314.4	1312.6	1303.4	1296.6	1286.7	1278.7	1270.1	1260.3	1251.7	1250.5	1244.3
35°	1280.0	1279.4	1270.8	1263.4	1254.1	1246.8	1235.1	1226.5	1215.4	1211.7	1208.0
37.5°	1244.3	1244.3	1235.1	1227.1	1219.1	1208.6	1198.8	1184.6	1180.3	1173.0	1169.3
40°	1206.2	1201.9	1196.9	1190.8	1178.5	1169.3	1158.2	1147.7	1137.9	1131.7	1128.1
42.5°	1165.6	1164.3	1160.0	1152.0	1139.1	1127.4	1118.8	1107.1	1093.6	1091.8	1084.4
45°	1125.0	1123.7	1114.5	1107.8	1096.7	1085.6	1074.5	1060.4	1049.9	1045.6	1038.3
47.5°	1078.2	1077.0	1072.1	1060.4	1051.2	1038.3	1028.4	1013.0	1000.1	994.6	987.8
50°	1033.9	1027.8	1021.6	1013.6	1001.3	992.7	981.0	967.5	955.8	945.4	942.3
52.5°	986.0	978.6	970.6	966.3	950.3	942.9	929.4	912.2	902.3	896.8	887.6
55°	932.5	926.3	923.8	907.9	900.5	886.9	878.3	864.2	851.9	837.7	835.3
57.5°	879.6	871.6	864.8	853.7	848.8	835.3	823.6	804.5	793.5	783.0	775.0
60°	823.6	818.1	807.6	798.4	788.5	779.9	765.8	745.5	731.9	724.6	723.9
62.5°	763.9	758.4	755.3	737.5	731.9	714.7	702.4	689.5	669.2	663.1	655.7
65°	704.3	700.6	688.9	679.7	666.1	656.9	644.6	628.0	613.2	601.5	592.3
67.5°	648.9	641.5	631.1	617.5	608.3	596.0	580.0	559.7	543.7	540.0	530.2
70°	583.7	573.3	568.3	552.3	541.3	532.0	514.2	500.1	481.6	469.9	461.3
72.5°	522.8	513.0	505.0	491.4	478.5	463.8	450.2	433.0	415.2	404.1	397.3
75°	460.1	450.9	444.1	429.9	418.9	402.3	382.6	367.2	354.9	340.1	330.3
77.5°	396.7	386.9	383.2	363.5	350.0	341.4	323.5	306.3	285.4	279.2	267.6
80°	334.0	326.0	320.5	302.0	290.9	274.3	261.4	244.2	226.3	214.7	207.3
82.5°	284.8	274.9	260.2	249.7	235.0	222.0	203.0	189.4	168.5	159.9	151.3
85°	235.6	224.5	216.5	200.5	191.3	177.8	159.9	140.2	123.0	113.2	103.9
87.5°	201.7	191.3	183.3	169.1	156.2	139.0	124.9	107.6	87.3	78.7	70.7
90°	188.2	178.4	167.9	155.6	142.1	126.7	110.7	93.5	75.0	65.8	56.6
92.5°	186.4	177.1	166.7	153.8	140.2	124.9	108.9	91.6	73.8	64.0	54.7
95°	184.5	175.3	164.8	151.9	138.4	123.6	107.6	90.4	72.6	62.7	53.5
97.5°	182.7	173.5	163.0	150.1	136.5	121.8	105.8	89.2	70.7	61.5	52.3
100°	179.6	170.4	159.9	147.6	134.1	119.3	103.9	87.3	69.5	60.3	51.7
102.5°	176.5	167.3	156.8	144.5	131.0	116.9	101.5	84.9	67.7	58.4	49.8
105°	172.2	163.0	153.2	141.5	128.6	114.4	98.4	83.0	65.8	57.2	48.6
107.5°	168.5	159.9	149.5	137.8	124.9	111.3	96.0	80.6	64.0	55.4	46.7
110°	164.2	155.6	145.8	134.1	121.8	108.3	93.5	78.1	62.1	53.5	45.5



TEST NUMBER: P241623

CATALOG NUMBER: FVS8M-4-LD4-40-3LO-O-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	159.3	150.7	141.5	130.4	118.1	104.6	90.4	75.7	59.7	51.7	43.7
115°	154.4	147.0	137.2	126.1	113.8	100.9	87.3	72.6	57.2	49.2	41.8
117.5°	149.5	141.5	132.2	121.8	110.1	97.2	83.7	69.5	54.7	47.4	40.0
120°	143.3	135.9	127.3	117.5	105.8	93.5	80.6	66.4	52.3	44.9	38.1
122.5°	138.4	131.0	122.4	112.6	101.5	89.2	76.9	64.0	49.8	42.4	35.7
125°	132.2	124.9	116.9	107.0	96.6	84.9	73.2	60.9	46.7	40.0	33.8
127.5°	126.7	119.9	111.3	102.1	91.6	81.2	69.5	57.8	44.3	38.1	32.0
130°	119.9	113.2	105.2	96.6	87.3	76.3	65.8	54.1	41.8	35.7	29.5
132.5°	113.8	107.0	99.6	91.6	82.4	72.0	61.5	50.4	38.7	33.2	27.7
135°	107.0	100.3	93.5	85.5	76.9	67.7	57.8	46.7	36.3	30.8	25.2
137.5°	99.6	94.1	87.3	80.0	72.0	62.7	53.5	43.7	33.2	28.3	23.4
140°	92.9	87.3	81.2	74.4	65.8	57.8	49.2	40.0	30.8	25.2	21.5
142.5°	85.5	80.6	74.4	68.3	60.3	53.5	44.9	36.3	27.7	22.8	19.1
145°	78.7	73.2	68.3	62.1	54.7	48.6	40.6	32.6	24.6	20.9	16.6
147.5°	71.3	67.0	61.5	56.0	49.8	43.1	36.3	28.9	21.5	17.8	14.8
150°	63.4	59.7	55.4	49.8	44.3	38.7	32.0	25.2	18.5	15.4	12.3
152.5°	56.6	52.3	49.2	43.7	38.7	33.2	27.7	21.5	16.0	12.9	10.5
155°	48.6	45.5	41.8	38.1	33.2	28.9	23.4	18.5	12.9	10.5	8.0
157.5°	41.8	39.4	35.7	32.0	27.7	23.4	19.7	14.8	10.5	8.0	6.2
160°	34.4	32.0	28.9	26.4	22.8	19.1	15.4	11.7	8.0	6.2	4.3
162.5°	27.7	25.8	22.8	20.3	17.8	14.8	11.7	8.6	5.5	3.7	2.5
165°	20.3	19.1	17.2	14.8	12.9	10.5	8.0	5.5	3.1	2.5	1.8
167.5°	14.1	12.9	11.1	9.8	8.6	6.2	4.9	3.1	1.8	1.8	1.2
170°	8.0	6.8	6.2	4.9	4.3	3.1	1.8	1.8	1.2	1.2	1.2
172.5°	2.5	1.8	1.8	1.2	1.2	0.6	0.6	1.2	1.2	1.2	1.2
175°	0.0	0.0	0.0	0.0	0.6	0.6	0.6	1.2	1.2	1.2	1.2
177.5°	0.0	0.0	0.0	0.0	0.6	0.6	0.6	1.2	1.2	1.2	1.2
180°	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6



TEST NUMBER: P241623

CATALOG NUMBER: FVS8M-4-LD4-40-3LO-O-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	345°	350°	355°	360°
0°	1491.6	1491.6	1491.6	1491.6
2.5°	1487.9	1491.6	1494.0	1494.6
5°	1483.0	1487.3	1487.9	1490.3
7.5°	1474.3	1479.3	1480.5	1481.7
10°	1463.3	1467.0	1470.7	1471.9
12.5°	1449.1	1454.0	1454.7	1455.3
15°	1433.7	1435.0	1438.1	1437.4
17.5°	1411.6	1414.1	1417.8	1416.5
20°	1390.1	1391.9	1395.0	1392.5
22.5°	1366.1	1363.6	1366.1	1368.5
25°	1335.9	1335.9	1337.8	1335.9
27.5°	1305.8	1303.4	1302.1	1304.6
30°	1273.2	1268.3	1266.4	1268.9
32.5°	1235.7	1230.2	1230.2	1230.2
35°	1201.9	1196.3	1190.2	1188.9
37.5°	1160.7	1152.0	1147.1	1148.4
40°	1118.8	1107.8	1107.1	1102.2
42.5°	1072.1	1063.5	1059.8	1058.5
45°	1026.6	1013.0	1008.7	1006.9
47.5°	974.9	965.1	957.1	956.4
50°	925.1	915.2	907.9	907.9
52.5°	871.0	859.9	851.9	848.2
55°	818.7	802.1	792.2	795.3
57.5°	759.6	743.6	732.6	730.7
60°	703.0	687.0	675.4	676.0
62.5°	637.2	628.6	613.2	610.8
65°	580.6	565.3	548.0	543.7
67.5°	510.5	500.7	485.3	481.6
70°	446.5	433.6	420.7	410.9
72.5°	380.7	364.1	356.1	350.0
75°	317.4	294.6	288.5	287.9
77.5°	251.6	232.5	223.9	214.7
80°	187.0	174.1	159.9	152.5
82.5°	132.2	114.4	99.0	96.0
85°	83.0	65.8	51.7	44.9
87.5°	49.8	32.6	20.3	13.5
90°	37.5	19.7	6.2	0.6
92.5°	36.3	19.1	5.5	0.6
95°	35.1	18.5	4.9	0.6
97.5°	34.4	17.8	4.9	0.6
100°	33.8	17.2	4.9	0.6
102.5°	32.6	16.6	4.3	0.6
105°	32.0	16.0	4.3	0.6
107.5°	30.8	15.4	4.3	0.6
110°	29.5	14.8	3.7	0.6



TEST NUMBER: P241623

CATALOG NUMBER: FVS8M-4-LD4-40-3LO-O-UNV-EDC1

**CANDELA DISTRIBUTION (continued):**

	345°	350°	355°	360°
112.5°	28.3	14.1	3.7	0.6
115°	27.1	13.5	3.1	0.6
117.5°	25.2	12.3	2.5	0.6
120°	24.0	11.7	2.5	0.6
122.5°	22.8	11.1	1.8	0.6
125°	21.5	9.8	1.8	0.6
127.5°	20.3	9.2	1.2	0.6
130°	18.5	8.0	1.2	0.6
132.5°	17.2	7.4	1.2	0.6
135°	15.4	6.8	1.2	1.2
137.5°	14.1	5.5	1.2	1.2
140°	12.3	4.9	1.2	1.2
142.5°	11.1	3.7	1.2	1.2
145°	9.2	3.1	1.2	1.2
147.5°	8.0	2.5	1.2	1.2
150°	6.2	1.8	1.2	1.2
152.5°	4.9	1.8	1.2	1.2
155°	3.7	1.2	1.2	1.2
157.5°	2.5	1.2	1.2	1.2
160°	1.8	1.2	1.2	1.2
162.5°	1.8	1.2	1.8	1.8
165°	1.2	1.2	1.8	1.8
167.5°	1.2	1.8	1.8	1.8
170°	1.2	1.8	1.8	1.8
172.5°	1.2	1.8	1.8	1.8
175°	1.8	1.8	1.8	1.8
177.5°	1.8	1.8	1.8	1.8
180°	0.6	0.6	0.6	0.6

(END OF REPORT)