

Scaled data based on original data using
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for
Cooper Lighting Solutions
(formerly Eaton)

Brand: STREETWORKS

Report Number: P723735

Luminaire Tested: **IFLD-M-SA4A-740-U-11-VI**

Issue Date: 01/11/2023

Test Information

Test Method: LM-79-2019
Report Number: P723735
Test Lab: INNOVATION CENTER(G2)
Issue Date: 01/11/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-M-SA4A-740-U-11-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 1 distribution lens and Visor
Light Source: (64) 4000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	1H x 1V
Luminaire Lumens:	9776.4 lumens	Max Intensity:	230004.7 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	76.0 lumens/watt		
Luminous Opening:	Rectangular (W 2' x L: 0.5' x H: 0')		

Beam Angle (50%):	9.3°H x 8.8°V	Field Angle (10%):	15.8°H x 15.3°V
Beam Lumens:	3545.3 lumens	Field Lumens:	5651.9 lumens
Beam Efficiency:	36.3%	Field Efficiency:	57.8%

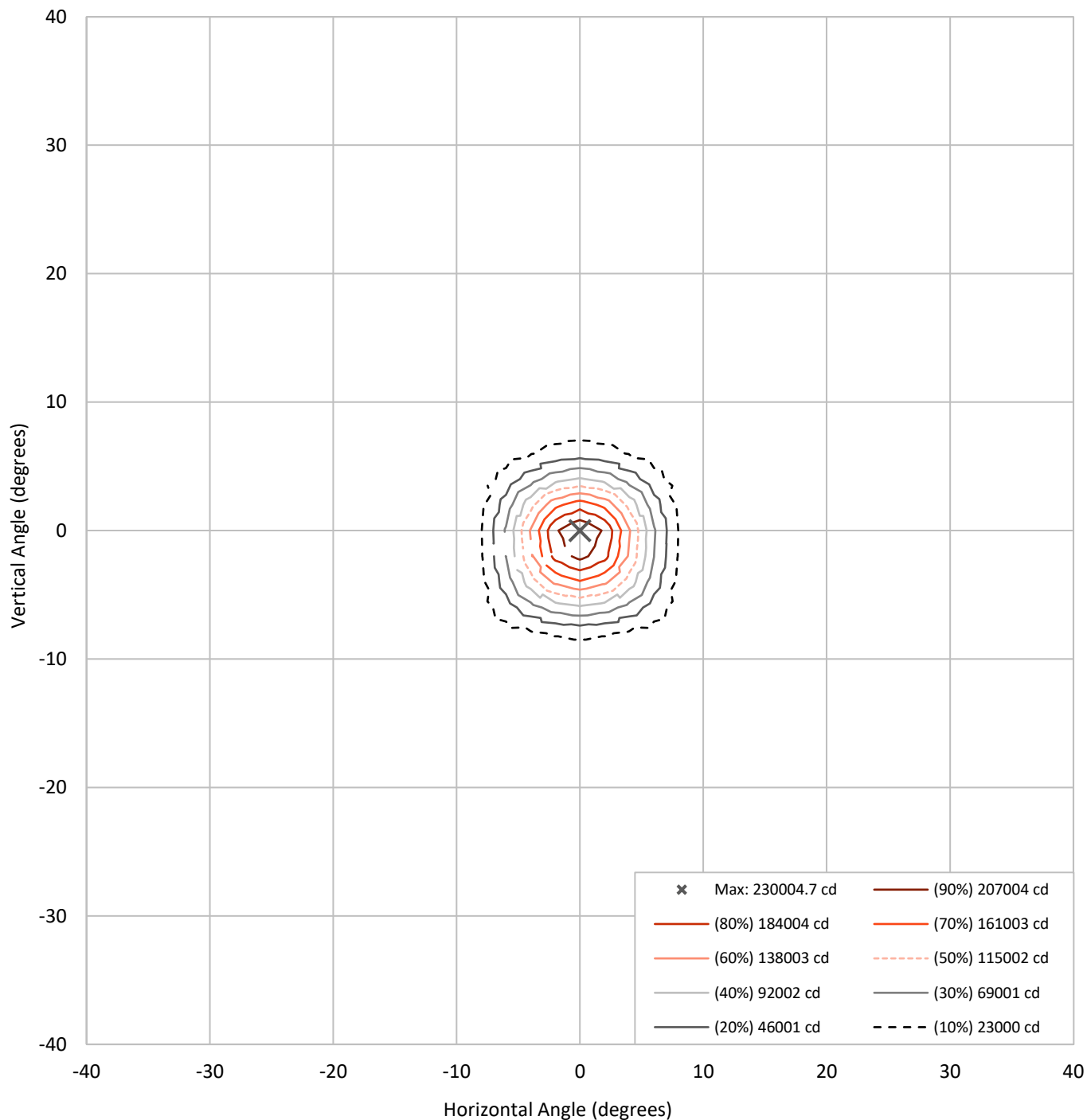
Input Watts (W): 128.6
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



REPORT NUMBER: P723735

CATALOG NUMBER: IFLD-M-SA4A-740-U-11-VI

Iso-Candela Plot



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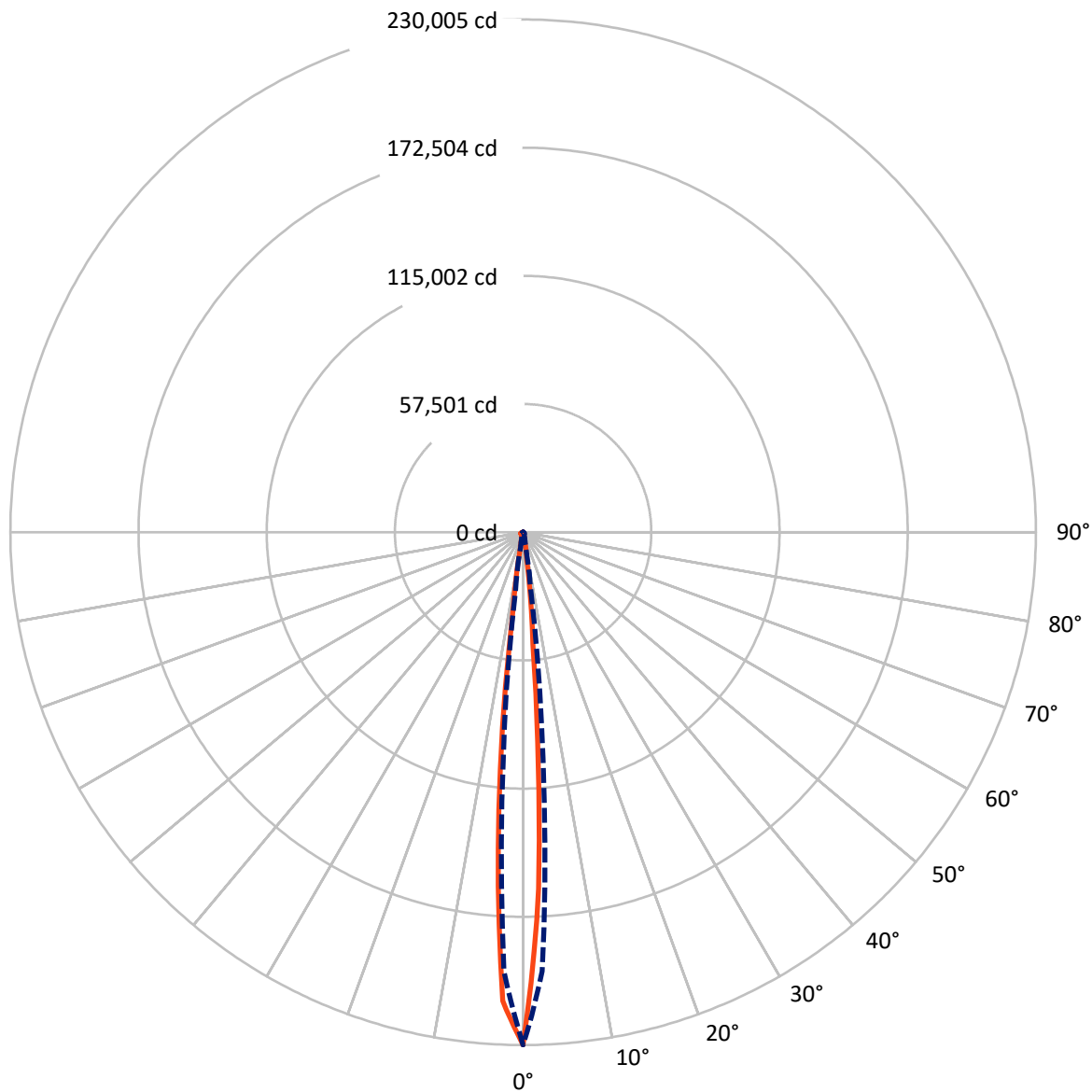
Lumen Table

Vertical Angle (degrees)	90																			
	80	0.2	2.2		2.4		0.9		0.3		0.9		2.4		2.2		0.2			
	70																			
	60	0.2	0.5	0.6	0.5	0.4	0.3	0.2	0.1	0.1	0.2	0.3	0.4	0.5	0.6	0.5	0.2			
	50		0.3	0.4	1.1	2.5	4.1	5.3	6.1	6.1	5.3	4.1	2.5	1.1	0.4	0.3				
	40	0.2	0.3	1.3	4.4	8.8	12.8	15.4	17.1	17.1	15.4	12.8	8.8	4.4	1.3	0.3	0.2			
	30		0.7	3.4	9.1	14.9	17.5	18.9	19.5	19.5	18.9	17.5	14.9	9.1	3.4	0.7				
	20	0.4	1.3	5.8	13.3	17.2	17.7	20.9	25.2	25.2	20.9	17.7	17.2	13.3	5.8	1.3	0.4			
	10		2.0	8.1	16.3	18.4	20.7	36.4	62.0	62.0	36.4	20.7	18.4	16.3	8.1	2.0				
	0	0.7	2.6	10.0	18.0	19.0	25.6	69.2	1283.4	1283.4	69.2	25.6	19.0	18.0	10.0	2.6	0.7			
-10	3.0		10.9	18.9	19.7	26.4	74.6	1871.3	1871.3	74.6	26.4	19.7	18.9	10.9	3.0					
-20	0.9	3.2	11.2	19.9	21.4	23.9	43.4	83.2	83.2	43.4	23.9	21.4	19.9	11.2	3.2	0.9				
-30		3.0	10.6	20.1	24.0	24.0	28.1	34.3	34.3	28.1	24.0	24.0	20.1	10.6	3.0					
-40	1.0	2.7	9.4	19.2	26.4	28.8	29.9	30.2	30.2	29.9	28.8	26.4	19.2	9.4	2.7	1.0				
-50		2.4	7.6	16.3	25.5	30.9	34.7	36.4	36.4	34.7	30.9	25.5	16.3	7.6	2.4					
-60	0.8	2.1	5.8	12.7	21.7	29.1	33.9	35.8	35.8	33.9	29.1	21.7	12.7	5.8	2.1	0.8				
-70		2.0	5.1	10.3	18.1	25.5	30.8	33.3	33.3	30.8	25.5	18.1	10.3	5.1	2.0					
-80	0.4	6.0		18.0		33.4		36.8		33.4		18.0		6.0		0.4				
-90																				
		-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90
		Horizontal Angle (degrees)																		

REPORT NUMBER: P723735

CATALOG NUMBER: IFLD-M-SA4A-740-U-11-VI

Luminous Intensity Polar Plot



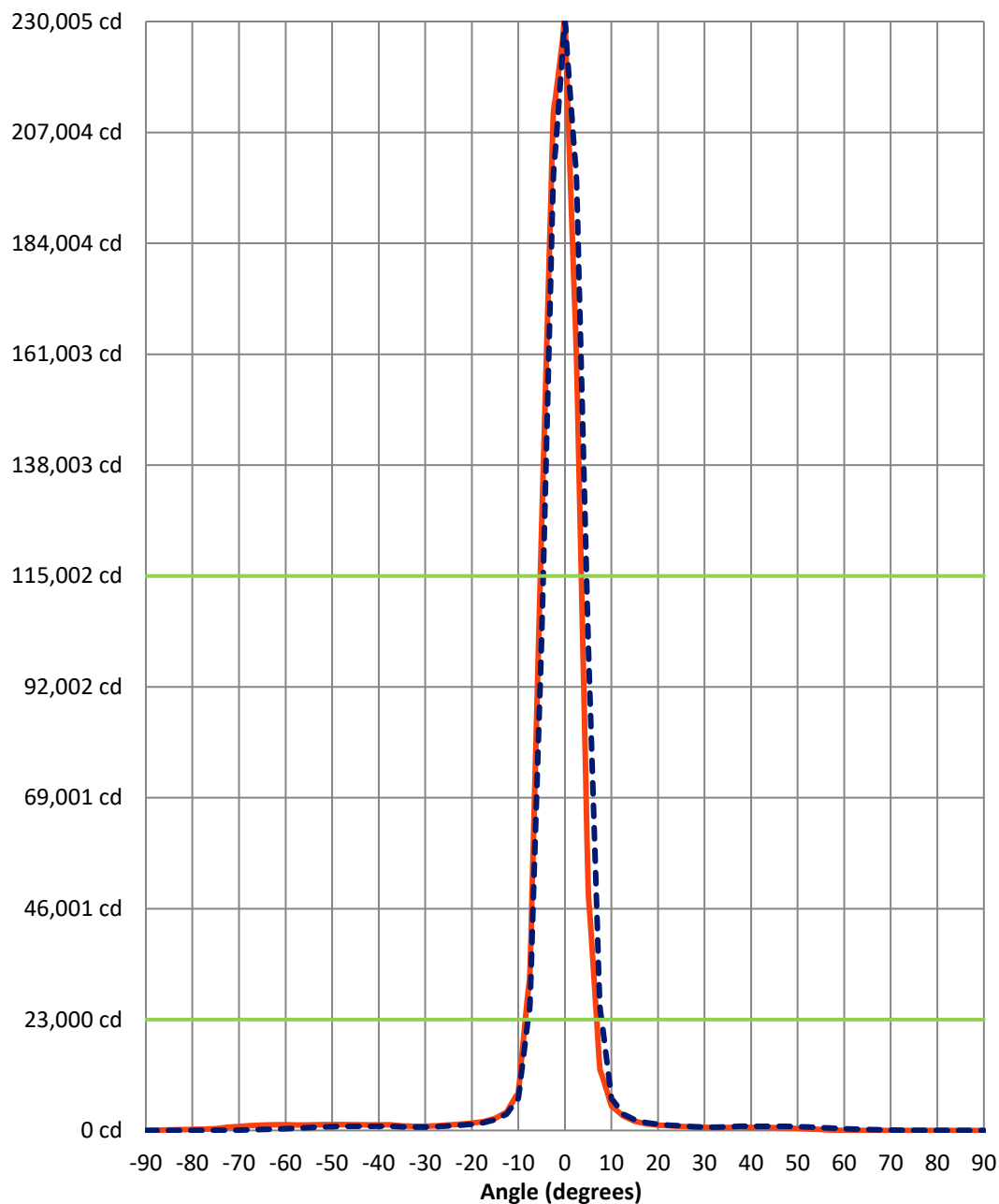
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 0-Deg

REPORT NUMBER: P723735

CATALOG NUMBER: IFLD-M-SA4A-740-U-11-VI

Luminous Intensity Plot



Beam:

H Angle: 9.3°

V Angle: 8.8°

Lumens: 3545.3

Efficiency: 36.3%

Field:

H Angle: 15.8°

V Angle: 15.3°

Lumens: 5651.9

Efficiency: 57.8%

Spill:

Lumens: 4124.5

Efficiency: 42.2%

— Vertical Distribution through 0-Deg
- - Horizontal Distribution through 0-Deg

REPORT NUMBER: P723735

CATALOG NUMBER: IFLD-M-SA4A-740-U-11-VI

FIELD

BEAM

CANDELA DISTRIBUTION:

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3
85°	0.0	2.3	2.3	4.5	4.5	4.5	6.8	9.0	11.3	11.3	13.5
82.5°	0.0	2.3	2.3	4.5	4.5	6.8	6.8	11.3	13.5	15.8	20.3
80°	2.3	2.3	2.3	4.5	4.5	6.8	6.8	9.0	11.3	15.8	18.1
77.5°	0.0	2.3	2.3	2.3	4.5	4.5	4.5	6.8	9.0	11.3	13.5
75°	0.0	2.3	2.3	2.3	4.5	4.5	4.5	4.5	6.8	6.8	9.0
72.5°	0.0	0.0	0.0	2.3	2.3	4.5	4.5	4.5	6.8	6.8	6.8
70°	0.0	0.0	0.0	2.3	2.3	4.5	4.5	4.5	6.8	6.8	6.8
67.5°	0.0	0.0	0.0	2.3	2.3	4.5	4.5	4.5	6.8	6.8	6.8
65°	0.0	0.0	0.0	2.3	2.3	4.5	4.5	6.8	6.8	6.8	6.8
62.5°	2.3	2.3	2.3	4.5	6.8	6.8	9.0	11.3	11.3	11.3	11.3
60°	22.6	24.8	27.1	27.1	24.8	24.8	27.1	27.1	27.1	27.1	27.1
57.5°	60.9	65.4	67.7	67.7	67.7	65.4	74.5	76.7	67.7	63.2	70.0
55°	212.1	218.9	214.4	207.6	194.1	178.3	173.8	171.5	173.8	162.5	144.4
52.5°	309.2	316.0	313.7	309.2	300.2	288.9	279.8	270.8	261.8	243.7	223.4
50°	401.7	404.0	401.7	397.2	388.2	376.9	358.8	338.5	320.5	316.0	297.9
47.5°	505.5	512.3	512.3	510.0	503.3	483.0	455.9	426.5	413.0	408.5	390.4
45°	598.1	602.6	604.8	607.1	604.8	584.5	559.7	543.9	514.6	505.5	505.5
42.5°	622.9	625.1	627.4	629.7	636.4	620.6	600.3	573.2	566.5	564.2	559.7
40°	631.9	627.4	629.7	631.9	634.2	622.9	607.1	591.3	586.8	582.3	582.3
37.5°	717.7	697.4	681.6	668.0	656.7	645.5	629.7	616.1	604.8	595.8	604.8
35°	611.6	611.6	627.4	640.9	654.5	668.0	670.3	654.5	629.7	618.4	634.2
32.5°	625.1	625.1	625.1	629.7	634.2	645.5	656.7	663.5	681.6	661.3	661.3
30°	638.7	640.9	645.5	647.7	640.9	636.4	631.9	631.9	643.2	672.5	688.3
27.5°	717.7	717.7	710.9	701.9	681.6	650.0	634.2	611.6	613.9	627.4	665.8
25°	846.3	841.8	826.0	803.4	767.3	722.2	679.3	631.9	611.6	604.8	620.6
22.5°	968.2	961.4	941.1	920.8	891.5	846.3	774.1	701.9	638.7	611.6	604.8
20°	1123.9	1108.1	1085.5	1053.9	1006.6	961.4	898.2	803.4	710.9	640.9	613.9
17.5°	1374.4	1354.1	1311.2	1254.8	1173.6	1103.6	1013.3	923.1	819.2	706.4	645.5
15°	1922.8	1870.9	1796.5	1640.7	1480.5	1347.3	1211.9	1060.7	954.6	805.7	713.2
12.5°	3024.2	2882.0	2665.3	2302.0	1943.1	1634.0	1415.0	1221.0	1049.4	911.8	780.9
10°	5118.5	4813.9	4215.8	3222.8	2561.5	1992.8	1600.1	1340.6	1123.9	981.7	837.3
7.5°	12945.3	10559.8	7472.4	5102.7	3351.4	2435.1	1830.3	1453.4	1202.9	1026.9	882.4
5°	50454.2	41562.2	22171.3	9253.1	5041.8	2945.2	2037.9	1543.7	1254.8	1060.7	916.3
2.5°	160125.8	138279.5	72548.7	19919.0	6190.5	3317.6	2180.1	1600.1	1284.1	1085.5	941.1
0°	230004.7	197122.4	101817.8	26197.5	6714.1	3412.4	2225.3	1611.4	1288.7	1090.1	941.1
-2.5°	210415.2	184154.5	98355.8	24378.5	6860.8	3439.4	2261.4	1649.8	1322.5	1110.4	947.9
-5°	125027.3	109667.1	68610.5	17382.3	6095.8	3193.4	2166.6	1615.9	1299.9	1099.1	943.4
-7.5°	32941.0	28517.6	18758.9	9070.3	3945.0	2701.5	1990.5	1559.5	1270.6	1078.8	925.3
-10°	7941.9	7526.6	6723.2	4121.0	3071.6	2256.9	1764.9	1457.9	1211.9	1051.7	896.0
-12.5°	3829.9	3739.6	3394.3	2798.5	2279.4	1875.4	1597.9	1351.9	1157.8	1004.3	855.3
-15°	2491.6	2439.7	2322.3	2094.4	1830.3	1636.2	1442.1	1243.5	1090.1	934.3	821.5
-17.5°	1843.8	1841.6	1782.9	1697.2	1566.3	1421.8	1279.6	1153.3	1004.3	871.1	785.4
-20°	1527.9	1527.9	1494.0	1437.6	1345.1	1250.3	1155.5	1038.2	916.3	817.0	780.9

REPORT NUMBER: P723735

CATALOG NUMBER: IFLD-M-SA4A-740-U-11-VI

CANDELA DISTRIBUTION (continued):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
-22.5°	1297.7	1299.9	1281.9	1245.8	1196.1	1117.1	1024.6	929.8	841.8	805.7	794.4
-25°	1148.7	1144.2	1123.9	1090.1	1038.2	975.0	914.0	850.8	826.0	817.0	832.8
-27.5°	972.7	979.5	970.4	954.6	920.8	875.7	862.1	844.1	848.6	862.1	923.1
-30°	868.9	875.7	884.7	891.5	880.2	868.9	873.4	886.9	916.3	968.2	990.8
-32.5°	868.9	871.1	884.7	898.2	905.0	914.0	938.8	984.0	1026.9	1013.3	1008.8
-35°	947.9	941.1	959.2	977.2	1002.0	1033.6	1060.7	1051.7	1035.9	1031.4	1035.9
-37.5°	1173.6	1130.7	1112.6	1101.3	1094.6	1090.1	1083.3	1076.5	1069.7	1065.2	1072.0
-40°	1171.3	1160.0	1148.7	1139.7	1132.9	1123.9	1119.4	1117.1	1110.4	1105.9	1101.3
-42.5°	1166.8	1171.3	1171.3	1169.0	1171.3	1169.0	1162.3	1153.3	1142.0	1132.9	1123.9
-45°	1200.6	1202.9	1207.4	1211.9	1218.7	1209.7	1196.1	1180.3	1164.5	1151.0	1139.7
-47.5°	1221.0	1223.2	1227.7	1234.5	1239.0	1230.0	1211.9	1191.6	1166.8	1144.2	1121.7
-50°	1227.7	1234.5	1236.8	1236.8	1234.5	1223.2	1196.1	1166.8	1139.7	1117.1	1096.8
-52.5°	1196.1	1202.9	1205.2	1200.6	1198.4	1187.1	1162.3	1135.2	1105.9	1090.1	1072.0
-55°	1144.2	1153.3	1160.0	1160.0	1160.0	1157.8	1135.2	1110.4	1087.8	1069.7	1051.7
-57.5°	1123.9	1139.7	1153.3	1155.5	1157.8	1160.0	1144.2	1119.4	1092.3	1065.2	1042.7
-60°	1198.4	1211.9	1218.7	1209.7	1202.9	1196.1	1171.3	1142.0	1114.9	1087.8	1044.9
-62.5°	1178.1	1200.6	1211.9	1205.2	1196.1	1184.8	1157.8	1123.9	1092.3	1063.0	1020.1
-65°	1112.6	1132.9	1146.5	1135.2	1121.7	1105.9	1081.0	1049.4	1020.1	990.8	952.4
-67.5°	1002.0	1031.4	1053.9	1029.1	1011.1	990.8	970.4	943.4	914.0	880.2	844.1
-70°	828.3	850.8	871.1	864.4	859.9	855.3	841.8	814.7	789.9	762.8	731.2
-72.5°	665.8	686.1	704.1	692.9	683.8	670.3	650.0	620.6	591.3	562.0	532.6
-75°	367.9	374.6	381.4	379.2	379.2	379.2	379.2	381.4	376.9	370.1	356.6
-77.5°	282.1	291.1	297.9	302.4	309.2	318.2	325.0	313.7	302.4	291.1	277.6
-80°	221.2	230.2	237.0	261.8	279.8	300.2	313.7	297.9	282.1	268.6	257.3
-82.5°	167.0	173.8	180.5	194.1	203.1	214.4	223.4	223.4	221.2	218.9	212.1
-85°	121.9	130.9	139.9	144.4	151.2	151.2	153.5	144.4	135.4	128.6	119.6
-87.5°	70.0	72.2	72.2	72.2	74.5	74.5	74.5	70.0	67.7	63.2	60.9
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P723735

CATALOG NUMBER: IFLD-M-SA4A-740-U-11-VI

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	2.3	2.3	2.3	4.5	4.5	6.8	6.8	9.0	9.0	11.3	11.3
85°	13.5	13.5	13.5	15.8	15.8	18.1	20.3	22.6	24.8	24.8	27.1
82.5°	22.6	24.8	27.1	29.3	31.6	33.9	36.1	38.4	45.1	49.7	51.9
80°	22.6	24.8	31.6	36.1	40.6	45.1	45.1	45.1	45.1	47.4	51.9
77.5°	15.8	18.1	20.3	24.8	36.1	45.1	51.9	56.4	51.9	49.7	45.1
75°	9.0	11.3	13.5	15.8	22.6	31.6	42.9	54.2	63.2	60.9	56.4
72.5°	9.0	9.0	11.3	13.5	15.8	18.1	20.3	31.6	45.1	56.4	63.2
70°	9.0	11.3	11.3	13.5	15.8	18.1	20.3	24.8	31.6	45.1	58.7
67.5°	9.0	11.3	11.3	15.8	20.3	22.6	24.8	22.6	20.3	29.3	42.9
65°	9.0	9.0	11.3	13.5	15.8	18.1	24.8	24.8	22.6	22.6	22.6
62.5°	13.5	13.5	13.5	13.5	15.8	15.8	15.8	20.3	20.3	20.3	20.3
60°	27.1	24.8	24.8	24.8	24.8	20.3	20.3	20.3	18.1	20.3	18.1
57.5°	65.4	54.2	49.7	49.7	42.9	40.6	33.9	24.8	24.8	20.3	20.3
55°	133.2	126.4	106.1	88.0	79.0	70.0	54.2	45.1	33.9	27.1	24.8
52.5°	205.4	187.3	169.3	146.7	124.1	106.1	90.3	70.0	56.4	40.6	31.6
50°	268.6	252.8	232.5	207.6	178.3	155.7	133.2	106.1	83.5	63.2	45.1
47.5°	365.6	334.0	309.2	279.8	246.0	214.4	185.1	153.5	117.4	92.5	70.0
45°	469.4	424.3	390.4	363.4	318.2	275.3	241.5	207.6	164.8	121.9	94.8
42.5°	541.6	507.8	462.7	426.5	385.9	340.8	295.6	259.5	214.4	164.8	121.9
40°	580.0	557.4	521.3	489.7	446.9	397.2	349.8	313.7	266.3	212.1	153.5
37.5°	609.3	598.1	580.0	555.2	514.6	455.9	408.5	365.6	325.0	261.8	198.6
35°	643.2	640.9	629.7	618.4	584.5	528.1	471.7	422.0	372.4	313.7	243.7
32.5°	674.8	672.5	665.8	661.3	647.7	598.1	537.1	480.7	424.3	363.4	286.6
30°	690.6	686.1	686.1	690.6	677.1	645.5	600.3	539.4	476.2	404.0	331.8
27.5°	690.6	686.1	688.3	695.1	692.9	677.1	643.2	593.6	523.6	442.3	372.4
25°	661.3	683.8	683.8	692.9	695.1	690.6	672.5	640.9	568.7	483.0	404.0
22.5°	620.6	674.8	695.1	692.9	695.1	706.4	708.7	679.3	611.6	523.6	435.6
20°	620.6	659.0	717.7	701.9	706.4	731.2	742.5	717.7	656.7	562.0	467.2
17.5°	634.2	659.0	708.7	733.5	740.2	760.6	778.6	762.8	697.4	602.6	510.0
15°	672.5	668.0	701.9	762.8	774.1	789.9	810.2	792.2	733.5	647.7	550.7
12.5°	699.6	674.8	701.9	767.3	803.4	819.2	826.0	812.5	765.1	688.3	591.3
10°	735.7	692.9	706.4	762.8	814.7	826.0	832.8	828.3	794.4	722.2	627.4
7.5°	762.8	701.9	701.9	756.0	826.0	835.0	839.5	844.1	819.2	751.5	659.0
5°	774.1	701.9	697.4	749.3	837.3	846.3	846.3	853.1	837.3	774.1	681.6
2.5°	776.4	699.6	692.9	744.8	857.6	857.6	853.1	859.9	850.8	787.6	697.4
0°	787.6	697.4	690.6	751.5	880.2	871.1	859.9	862.1	857.6	794.4	706.4
-2.5°	787.6	708.7	699.6	756.0	877.9	875.7	871.1	873.4	868.9	814.7	724.4
-5°	798.9	724.4	715.4	776.4	875.7	882.4	884.7	884.7	877.9	828.3	735.7
-7.5°	801.2	735.7	733.5	796.7	880.2	891.5	898.2	902.7	889.2	837.3	744.8
-10°	789.9	740.2	751.5	821.5	884.7	900.5	914.0	920.8	898.2	841.8	749.3
-12.5°	765.1	740.2	769.6	853.1	896.0	914.0	934.3	936.6	907.3	844.1	751.5
-15°	762.8	758.3	801.2	884.7	902.7	925.3	956.9	950.1	914.0	844.1	751.5
-17.5°	760.6	783.1	848.6	896.0	914.0	938.8	963.7	956.9	918.5	844.1	747.0
-20°	780.9	823.8	905.0	907.3	927.6	954.6	968.2	954.6	911.8	837.3	740.2

REPORT NUMBER: P723735

CATALOG NUMBER: IFLD-M-SA4A-740-U-11-VI

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
-22.5°	814.7	896.0	923.1	932.1	950.1	970.4	977.2	956.9	905.0	826.0	729.0
-25°	900.5	941.1	941.1	961.4	979.5	988.5	981.7	959.2	896.0	814.7	717.7
-27.5°	965.9	963.7	975.0	995.3	1011.1	1011.1	993.0	947.9	882.4	803.4	701.9
-30°	990.8	993.0	1008.8	1031.4	1035.9	1024.6	997.5	938.8	871.1	785.4	681.6
-32.5°	1015.6	1024.6	1044.9	1056.2	1058.5	1035.9	986.2	923.1	853.1	765.1	659.0
-35°	1044.9	1063.0	1074.3	1076.5	1065.2	1026.9	970.4	902.7	826.0	735.7	638.7
-37.5°	1083.3	1092.3	1099.1	1090.1	1058.5	1013.3	943.4	875.7	801.2	704.1	609.3
-40°	1108.1	1112.6	1114.9	1085.5	1047.2	981.7	914.0	844.1	758.3	668.0	577.8
-42.5°	1123.9	1119.4	1101.3	1069.7	1013.3	950.1	884.7	805.7	719.9	631.9	543.9
-45°	1119.4	1103.6	1076.5	1038.2	979.5	916.3	839.5	760.6	679.3	593.6	505.5
-47.5°	1101.3	1076.5	1042.7	997.5	943.4	866.6	789.9	713.2	634.2	550.7	469.4
-50°	1078.8	1049.4	1008.8	952.4	880.2	810.2	740.2	665.8	584.5	507.8	435.6
-52.5°	1053.9	1022.4	970.4	907.3	828.3	756.0	688.3	616.1	541.6	469.4	406.2
-55°	1026.9	995.3	936.6	864.4	785.4	706.4	640.9	580.0	507.8	437.8	381.4
-57.5°	1013.3	972.7	911.8	839.5	756.0	674.8	618.4	552.9	487.5	415.3	361.1
-60°	1002.0	961.4	905.0	821.5	742.5	665.8	600.3	537.1	467.2	399.5	345.3
-62.5°	970.4	927.6	875.7	794.4	717.7	647.7	589.0	514.6	446.9	383.7	334.0
-65°	907.3	862.1	817.0	744.8	674.8	609.3	550.7	483.0	419.8	365.6	322.7
-67.5°	808.0	769.6	729.0	668.0	609.3	550.7	496.5	437.8	385.9	347.6	325.0
-70°	697.4	656.7	616.1	566.5	516.8	469.4	426.5	383.7	349.8	329.5	311.4
-72.5°	507.8	489.7	469.4	431.1	390.4	361.1	340.8	322.7	297.9	279.8	268.6
-75°	338.5	313.7	282.1	268.6	270.8	266.3	255.0	241.5	230.2	223.4	207.6
-77.5°	264.1	250.5	234.7	218.9	212.1	205.4	196.3	185.1	176.0	160.2	137.7
-80°	243.7	232.5	221.2	209.9	198.6	182.8	164.8	146.7	137.7	130.9	128.6
-82.5°	200.9	187.3	173.8	162.5	146.7	135.4	124.1	115.1	115.1	112.8	110.6
-85°	115.1	110.6	103.8	99.3	94.8	88.0	81.2	76.7	74.5	72.2	70.0
-87.5°	58.7	56.4	51.9	49.7	47.4	45.1	40.6	38.4	36.1	36.1	33.9
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P723735

CATALOG NUMBER: IFLD-M-SA4A-740-U-11-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
87.5°	11.3	11.3	9.0	9.0	9.0	6.8	4.5	4.5	2.3	2.3	0.0
85°	27.1	22.6	20.3	18.1	18.1	13.5	9.0	6.8	4.5	2.3	2.3
82.5°	51.9	45.1	38.4	33.9	27.1	20.3	15.8	11.3	6.8	4.5	2.3
80°	58.7	58.7	56.4	47.4	38.4	29.3	20.3	13.5	9.0	6.8	4.5
77.5°	45.1	49.7	49.7	49.7	47.4	36.1	24.8	15.8	9.0	6.8	4.5
75°	51.9	45.1	42.9	45.1	42.9	36.1	29.3	18.1	11.3	9.0	4.5
72.5°	63.2	54.2	47.4	45.1	40.6	33.9	27.1	20.3	11.3	9.0	6.8
70°	58.7	56.4	51.9	47.4	40.6	33.9	27.1	20.3	13.5	9.0	6.8
67.5°	51.9	51.9	51.9	47.4	40.6	31.6	24.8	18.1	13.5	9.0	6.8
65°	36.1	42.9	47.4	45.1	40.6	31.6	24.8	18.1	13.5	11.3	6.8
62.5°	22.6	29.3	38.4	42.9	38.4	31.6	22.6	18.1	13.5	11.3	6.8
60°	20.3	22.6	27.1	33.9	36.1	29.3	22.6	15.8	13.5	11.3	6.8
57.5°	20.3	20.3	22.6	27.1	29.3	27.1	20.3	13.5	13.5	11.3	9.0
55°	22.6	20.3	20.3	22.6	24.8	24.8	20.3	13.5	13.5	11.3	9.0
52.5°	27.1	22.6	20.3	20.3	20.3	22.6	18.1	13.5	13.5	11.3	9.0
50°	33.9	27.1	24.8	20.3	20.3	20.3	18.1	13.5	11.3	11.3	9.0
47.5°	45.1	36.1	27.1	24.8	20.3	18.1	15.8	13.5	11.3	11.3	9.0
45°	67.7	42.9	36.1	27.1	22.6	20.3	18.1	13.5	11.3	11.3	9.0
42.5°	92.5	63.2	45.1	31.6	24.8	20.3	18.1	15.8	11.3	11.3	9.0
40°	117.4	85.8	56.4	40.6	29.3	22.6	18.1	15.8	13.5	11.3	9.0
37.5°	144.4	106.1	74.5	51.9	33.9	24.8	20.3	15.8	13.5	11.3	9.0
35°	178.3	133.2	92.5	63.2	40.6	29.3	22.6	15.8	13.5	11.3	9.0
32.5°	216.7	158.0	110.6	76.7	51.9	36.1	24.8	18.1	13.5	11.3	9.0
30°	252.8	187.3	130.9	92.5	63.2	40.6	27.1	18.1	13.5	11.3	6.8
27.5°	288.9	216.7	155.7	108.3	76.7	47.4	29.3	20.3	13.5	11.3	9.0
25°	325.0	246.0	180.5	124.1	88.0	56.4	36.1	22.6	13.5	11.3	9.0
22.5°	356.6	275.3	203.1	142.2	101.6	65.4	40.6	24.8	15.8	11.3	9.0
20°	392.7	306.9	227.9	162.5	112.8	74.5	45.1	27.1	15.8	11.3	9.0
17.5°	426.5	338.5	252.8	180.5	126.4	83.5	51.9	29.3	18.1	11.3	9.0
15°	460.4	367.9	275.3	198.6	139.9	92.5	56.4	31.6	20.3	11.3	9.0
12.5°	492.0	394.9	295.6	214.4	151.2	101.6	60.9	33.9	22.6	11.3	9.0
10°	521.3	419.8	316.0	227.9	162.5	108.3	65.4	38.4	24.8	11.3	9.0
7.5°	550.7	440.1	331.8	241.5	176.0	117.4	70.0	40.6	27.1	13.5	9.0
5°	568.7	458.1	345.3	252.8	187.3	126.4	74.5	42.9	29.3	13.5	9.0
2.5°	584.5	471.7	354.3	264.1	198.6	133.2	74.5	45.1	31.6	13.5	9.0
0°	593.6	480.7	361.1	270.8	207.6	137.7	76.7	47.4	33.9	13.5	9.0
-2.5°	613.9	496.5	376.9	279.8	216.7	151.2	81.2	49.7	36.1	15.8	9.0
-5°	627.4	505.5	388.2	288.9	223.4	164.8	88.0	54.2	40.6	20.3	11.3
-7.5°	638.7	514.6	397.2	293.4	230.2	169.3	90.3	56.4	42.9	22.6	11.3
-10°	640.9	519.1	404.0	300.2	234.7	176.0	92.5	58.7	45.1	24.8	11.3
-12.5°	643.2	523.6	406.2	304.7	239.2	180.5	94.8	60.9	47.4	27.1	11.3
-15°	640.9	521.3	406.2	309.2	241.5	176.0	99.3	63.2	49.7	29.3	11.3
-17.5°	636.4	519.1	404.0	306.9	239.2	171.5	101.6	67.7	49.7	31.6	13.5
-20°	629.7	512.3	399.5	304.7	237.0	167.0	103.8	70.0	51.9	31.6	13.5

REPORT NUMBER: P723735

CATALOG NUMBER: IFLD-M-SA4A-740-U-11-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	618.4	501.0	390.4	297.9	232.5	162.5	103.8	74.5	54.2	31.6	13.5
-25°	604.8	489.7	381.4	288.9	225.7	155.7	103.8	76.7	56.4	31.6	13.5
-27.5°	589.0	478.5	367.9	282.1	216.7	151.2	103.8	79.0	58.7	31.6	13.5
-30°	571.0	462.7	356.6	270.8	209.9	151.2	106.1	81.2	60.9	31.6	13.5
-32.5°	552.9	446.9	343.0	261.8	200.9	149.0	106.1	83.5	63.2	29.3	15.8
-35°	532.6	428.8	331.8	255.0	194.1	144.4	108.3	83.5	60.9	29.3	15.8
-37.5°	507.8	406.2	320.5	248.3	189.6	139.9	108.3	85.8	58.7	29.3	15.8
-40°	480.7	388.2	306.9	239.2	182.8	137.7	108.3	85.8	56.4	29.3	18.1
-42.5°	451.4	367.9	293.4	230.2	176.0	135.4	108.3	85.8	54.2	29.3	18.1
-45°	424.3	347.6	277.6	218.9	169.3	135.4	108.3	83.5	49.7	31.6	18.1
-47.5°	394.9	325.0	259.5	207.6	167.0	133.2	106.1	79.0	45.1	31.6	18.1
-50°	370.1	302.4	246.0	196.3	162.5	135.4	108.3	72.2	45.1	31.6	18.1
-52.5°	345.3	286.6	230.2	191.8	158.0	137.7	106.1	67.7	45.1	31.6	18.1
-55°	325.0	270.8	221.2	185.1	162.5	142.2	101.6	60.9	45.1	31.6	18.1
-57.5°	309.2	261.8	214.4	187.3	169.3	137.7	94.8	58.7	45.1	29.3	18.1
-60°	297.9	252.8	216.7	196.3	171.5	130.9	90.3	58.7	45.1	29.3	15.8
-62.5°	288.9	255.0	227.9	203.1	162.5	121.9	85.8	58.7	40.6	27.1	15.8
-65°	291.1	264.1	232.5	194.1	155.7	112.8	79.0	56.4	38.4	24.8	15.8
-67.5°	297.9	257.3	218.9	182.8	139.9	101.6	72.2	51.9	36.1	24.8	15.8
-70°	275.3	237.0	198.6	155.7	119.6	88.0	67.7	47.4	31.6	22.6	15.8
-72.5°	248.3	198.6	158.0	126.4	101.6	81.2	60.9	42.9	29.3	20.3	13.5
-75°	180.5	144.4	117.4	106.1	90.3	72.2	54.2	38.4	27.1	20.3	13.5
-77.5°	128.6	119.6	108.3	97.0	81.2	63.2	47.4	36.1	24.8	18.1	11.3
-80°	126.4	115.1	101.6	83.5	67.7	54.2	40.6	31.6	22.6	15.8	9.0
-82.5°	106.1	90.3	76.7	63.2	51.9	42.9	33.9	24.8	18.1	11.3	6.8
-85°	65.4	56.4	49.7	42.9	36.1	29.3	22.6	15.8	11.3	6.8	4.5
-87.5°	31.6	29.3	24.8	20.3	18.1	13.5	11.3	9.0	6.8	4.5	2.3
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

REPORT NUMBER: P723735

CATALOG NUMBER: IFLD-M-SA4A-740-U-11-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
90°	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0
82.5°	2.3	0.0	0.0	0.0
80°	2.3	0.0	0.0	0.0
77.5°	2.3	0.0	0.0	0.0
75°	2.3	2.3	0.0	0.0
72.5°	2.3	2.3	0.0	0.0
70°	4.5	2.3	2.3	0.0
67.5°	4.5	2.3	2.3	0.0
65°	4.5	2.3	2.3	0.0
62.5°	4.5	2.3	2.3	0.0
60°	4.5	2.3	2.3	0.0
57.5°	4.5	2.3	2.3	0.0
55°	4.5	2.3	2.3	0.0
52.5°	4.5	2.3	2.3	0.0
50°	4.5	2.3	2.3	0.0
47.5°	4.5	4.5	2.3	0.0
45°	4.5	4.5	2.3	0.0
42.5°	4.5	4.5	2.3	0.0
40°	4.5	4.5	2.3	0.0
37.5°	4.5	4.5	2.3	0.0
35°	4.5	4.5	2.3	0.0
32.5°	6.8	4.5	2.3	0.0
30°	6.8	4.5	4.5	0.0
27.5°	6.8	4.5	4.5	0.0
25°	6.8	4.5	4.5	0.0
22.5°	6.8	4.5	4.5	0.0
20°	6.8	4.5	4.5	0.0
17.5°	6.8	4.5	4.5	0.0
15°	6.8	4.5	4.5	0.0
12.5°	6.8	4.5	4.5	0.0
10°	6.8	4.5	4.5	0.0
7.5°	6.8	4.5	4.5	0.0
5°	6.8	4.5	4.5	0.0
2.5°	6.8	4.5	4.5	0.0
0°	6.8	4.5	4.5	0.0
-2.5°	6.8	4.5	4.5	0.0
-5°	6.8	4.5	4.5	0.0
-7.5°	6.8	4.5	4.5	0.0
-10°	6.8	4.5	4.5	0.0
-12.5°	9.0	4.5	4.5	0.0
-15°	9.0	4.5	4.5	0.0
-17.5°	9.0	4.5	4.5	0.0
-20°	9.0	4.5	4.5	0.0

REPORT NUMBER: P723735

CATALOG NUMBER: IFLD-M-SA4A-740-U-11-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	9.0	4.5	4.5	0.0
-25°	9.0	4.5	4.5	0.0
-27.5°	9.0	4.5	4.5	0.0
-30°	9.0	4.5	4.5	0.0
-32.5°	9.0	4.5	4.5	0.0
-35°	9.0	4.5	4.5	0.0
-37.5°	9.0	4.5	4.5	0.0
-40°	9.0	4.5	4.5	0.0
-42.5°	6.8	4.5	2.3	0.0
-45°	9.0	4.5	2.3	0.0
-47.5°	9.0	4.5	2.3	0.0
-50°	9.0	4.5	2.3	0.0
-52.5°	9.0	4.5	2.3	0.0
-55°	9.0	4.5	2.3	0.0
-57.5°	9.0	4.5	2.3	0.0
-60°	9.0	4.5	2.3	0.0
-62.5°	9.0	4.5	2.3	0.0
-65°	9.0	4.5	2.3	0.0
-67.5°	9.0	4.5	2.3	0.0
-70°	9.0	2.3	2.3	0.0
-72.5°	6.8	2.3	2.3	0.0
-75°	6.8	2.3	2.3	0.0
-77.5°	4.5	2.3	0.0	0.0
-80°	4.5	2.3	0.0	0.0
-82.5°	4.5	2.3	0.0	0.0
-85°	2.3	0.0	0.0	0.0
-87.5°	2.3	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)