

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: P724059

Luminaire Tested: **IFLD-L-SA7A-727-U-22-VI**

Issue Date: 01/11/2023

Test Information

Test Method: LM-79-2019
Report Number: P724059
Test Lab: INNOVATION CENTER(G2)
Issue Date: 01/11/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-L-SA7A-727-U-22-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 2 distribution lens and Visor
Light Source: (112) 2700K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

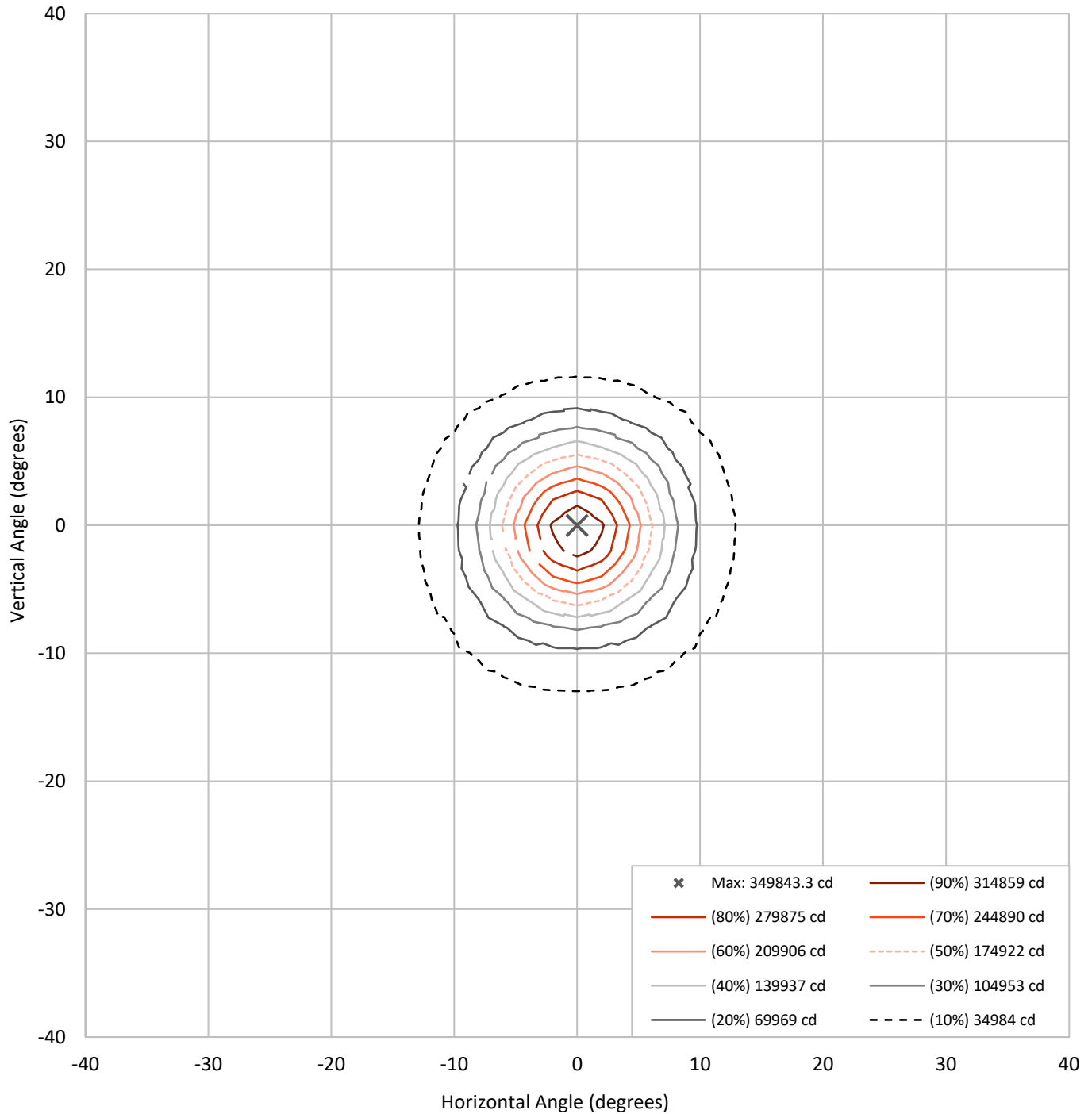
Lumens per Lamp:	N/A	NEMA Type:	2H x 2V
Luminaire Lumens:	24436.7 lumens	Max Intensity:	349843.3 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	112.3 lumens/watt		
Luminous Opening:	Rectangular (W 2' x L: 1' x H: 0')		
Beam Angle (50%):	12.2°H x 11.7°V	Field Angle (10%):	25.1°H x 24.3°V
Beam Lumens:	7644.9 lumens	Field Lumens:	17395 lumens
Beam Efficiency:	31.3%	Field Efficiency:	71.2%

Input Watts (W): 217.6
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



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Iso-Candela Plot



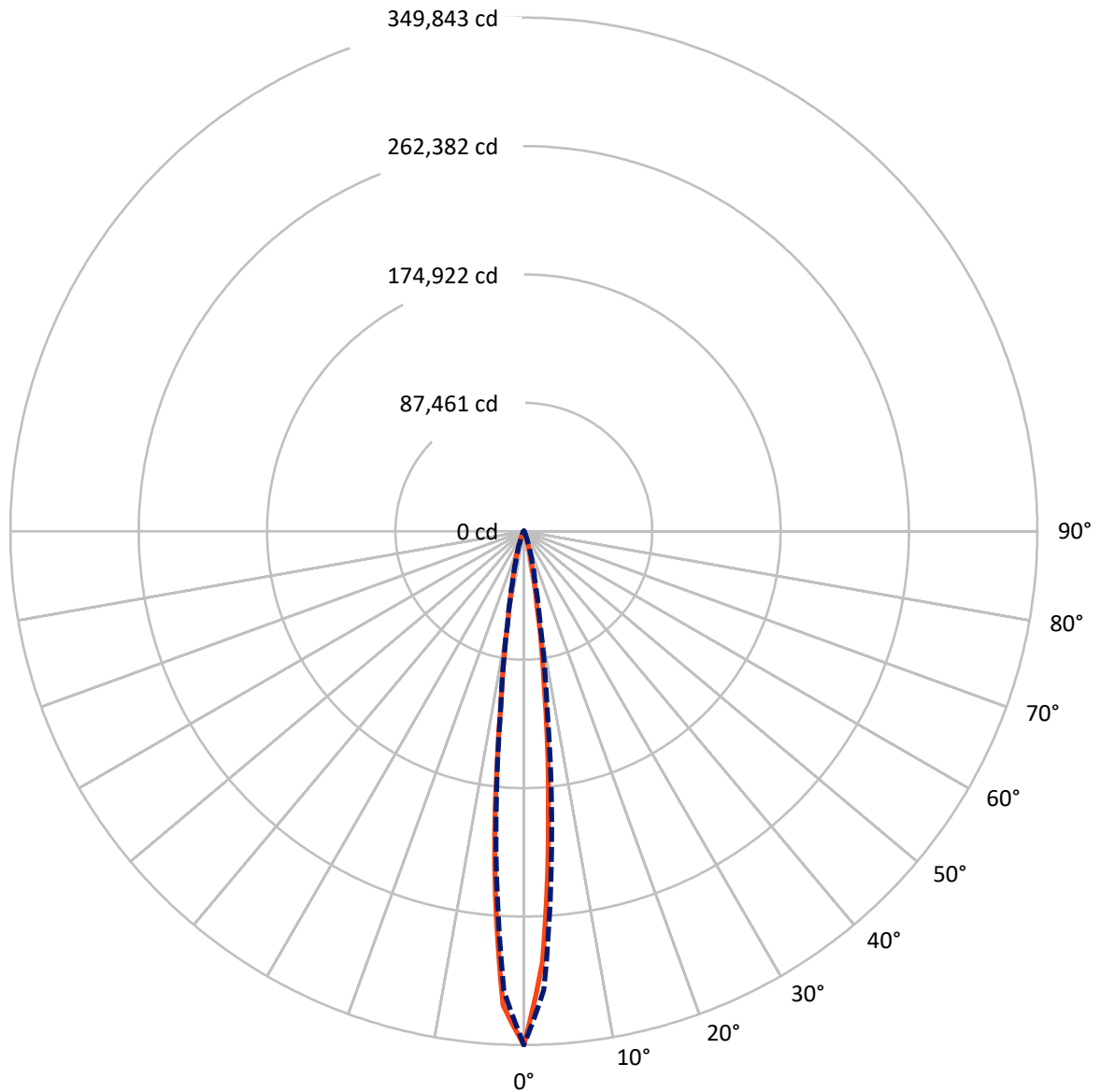
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Lumen Table

90	0.2	1.5		1.2		0.6		0.1		0.6		1.2		1.5		0.2			
80	0.2	1.5		1.2		0.6		0.1		0.6		1.2		1.5		0.2			
70	0.2	0.2	0.3	0.2	0.2	0.2	0.2	0.0	0.0	0.2	0.2	0.2	0.2	0.3	0.2	0.2			
60		0.2	0.3	0.7	1.3	1.9	2.4	2.7	2.7	2.4	1.9	1.3	0.7	0.3	0.2				
50	0.2	0.2	0.8	2.0	3.5	4.9	6.5	7.7	7.7	6.5	4.9	3.5	2.0	0.8	0.2	0.2			
40		0.4	1.7	3.7	6.2	9.8	14.9	17.8	17.8	14.9	9.8	6.2	3.7	1.7	0.4				
30	0.2	0.7	2.6	5.4	9.8	16.9	32.6	52.6	52.6	32.6	16.9	9.8	5.4	2.6	0.7	0.2			
20		1.1	3.5	7.3	14.9	36.9	192.5	487.1	487.1	192.5	36.9	14.9	7.3	3.5	1.1				
10	0.4	1.4	4.2	8.6	18.1	74.9	620.1	3821.0	3821.0	620.1	74.9	18.1	8.6	4.2	1.4	0.4			
0		1.6	4.6	9.1	18.9	85.3	682.3	4208.0	4208.0	682.3	85.3	18.9	9.1	4.6	1.6				
-10	0.5	1.7	4.7	9.1	17.8	51.1	306.3	738.0	738.0	306.3	51.1	17.8	9.1	4.7	1.7	0.5			
-20		1.7	4.7	8.6	15.0	26.0	63.3	118.9	118.9	63.3	26.0	15.0	8.6	4.7	1.7				
-30	0.5	1.5	4.3	8.0	12.5	18.5	26.1	30.7	30.7	26.1	18.5	12.5	8.0	4.3	1.5	0.5			
-40		1.3	3.8	7.1	10.9	14.4	18.2	20.2	20.2	18.2	14.4	10.9	7.1	3.8	1.3				
-50	0.4	1.1	3.0	6.0	9.5	12.6	15.4	16.8	16.8	15.4	12.6	9.5	6.0	3.0	1.1	0.4			
-60		0.8	2.2	4.4	7.3	10.0	12.6	14.0	14.0	12.6	10.0	7.3	4.4	2.2	0.8				
-70	0.2	3.3		9.1		16.9		20.4		16.9		9.1		3.3		0.2			
-80		3.3		9.1		16.9		20.4		16.9		9.1		3.3					
-90	0.2	3.3		9.1		16.9		20.4		16.9		9.1		3.3		0.2			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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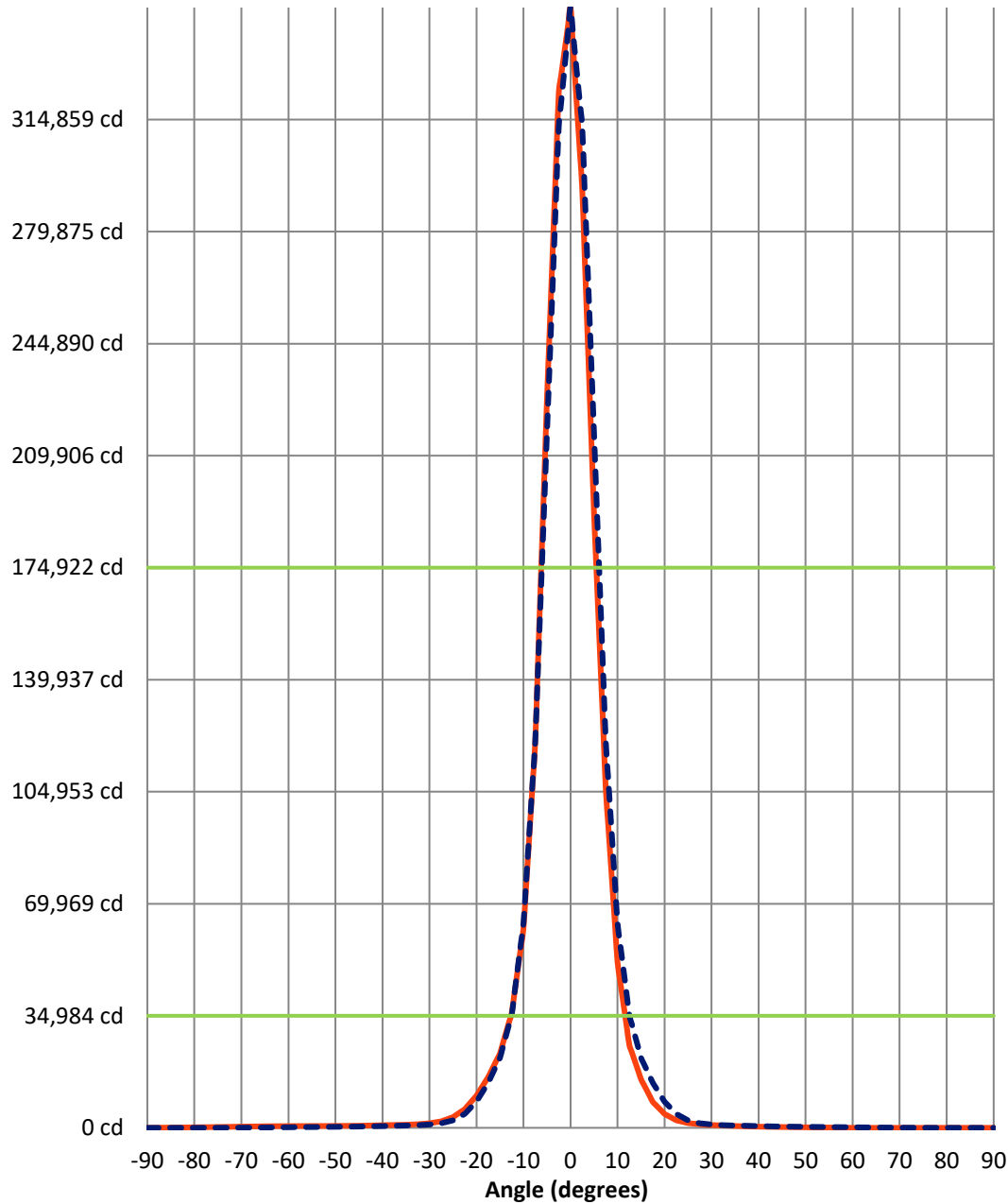
Luminous Intensity Polar Plot



— Vertical Distribution Through 0-Deg - - - Horizontal Distribution Through 0-Deg

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Luminous Intensity Plot



Beam:
H Angle: 12.2°
V Angle: 11.7°
Lumens: 7644.9
Efficiency: 31.3%

Field:
H Angle: 25.1°
V Angle: 24.3°
Lumens: 17395
Efficiency: 71.2%

Spill:
Lumens: 7041.8
Efficiency: 28.8%

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



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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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.4	4.4
85°	0.0	0.0	0.0	0.0	4.4	4.4	4.4	4.4	4.4	8.8	8.8
82.5°	0.0	0.0	0.0	0.0	4.4	4.4	4.4	4.4	8.8	8.8	8.8
80°	0.0	0.0	0.0	0.0	4.4	4.4	4.4	4.4	8.8	8.8	8.8
77.5°	0.0	0.0	0.0	0.0	4.4	4.4	4.4	4.4	4.4	4.4	8.8
75°	0.0	0.0	0.0	0.0	4.4	4.4	4.4	4.4	4.4	4.4	4.4
72.5°	0.0	0.0	0.0	0.0	4.4	4.4	4.4	4.4	4.4	4.4	4.4
70°	0.0	0.0	0.0	0.0	4.4	4.4	4.4	4.4	4.4	4.4	4.4
67.5°	0.0	0.0	0.0	0.0	4.4	4.4	4.4	4.4	4.4	4.4	4.4
65°	0.0	0.0	0.0	0.0	4.4	4.4	4.4	4.4	4.4	4.4	4.4
62.5°	0.0	0.0	0.0	0.0	4.4	4.4	4.4	4.4	4.4	4.4	4.4
60°	8.8	8.8	8.8	8.8	13.1	13.1	17.5	17.5	17.5	8.8	17.5
57.5°	70.0	70.0	65.7	61.3	56.9	52.5	52.5	52.5	52.5	52.5	43.8
55°	96.3	96.3	96.3	91.9	91.9	87.6	83.2	78.8	78.8	74.4	70.0
52.5°	113.8	113.8	113.8	113.8	109.4	109.4	109.4	105.1	96.3	96.3	91.9
50°	162.0	157.6	157.6	157.6	157.6	148.8	144.5	135.7	131.3	127.0	122.6
47.5°	210.1	210.1	205.8	205.8	201.4	192.6	183.9	175.1	166.4	162.0	153.2
45°	249.5	249.5	245.2	245.2	240.8	232.0	218.9	205.8	197.0	188.3	179.5
42.5°	306.5	302.1	297.7	293.3	284.6	271.4	253.9	236.4	223.3	210.1	201.4
40°	367.7	367.7	363.4	359.0	345.9	332.7	310.8	288.9	267.1	240.8	227.7
37.5°	442.2	446.5	450.9	450.9	442.2	424.7	394.0	367.7	332.7	297.7	280.2
35°	577.9	577.9	586.6	586.6	573.5	551.6	529.7	472.8	429.0	385.3	345.9
32.5°	726.7	731.1	713.6	700.5	683.0	656.7	617.3	569.1	521.0	464.1	420.3
30°	871.2	871.2	849.3	823.0	788.0	744.2	696.1	643.6	586.6	529.7	477.2
27.5°	1098.9	1077.0	1059.5	1015.7	954.4	871.2	809.9	726.7	652.3	586.6	529.7
25°	1475.4	1471.0	1431.6	1357.2	1234.6	1103.2	1002.5	862.4	748.6	647.9	582.3
22.5°	2346.6	2315.9	2224.0	2040.1	1751.2	1523.5	1317.8	1098.9	893.1	757.4	652.3
20°	4338.5	4237.8	3992.7	3484.8	2836.9	2390.3	1878.1	1510.4	1164.5	910.6	753.0
17.5°	8094.8	8029.1	7937.2	6763.9	5446.1	4500.5	3349.1	2315.9	1654.9	1190.8	893.1
15°	15173.8	14687.9	13672.2	12266.9	10423.8	8055.4	5923.3	3738.7	2364.1	1584.8	1133.9
12.5°	25939.1	25400.6	22778.3	19262.8	15948.7	12577.7	8830.2	5682.5	3366.6	2013.8	1344.0
10°	51685.6	47776.1	40434.4	30176.9	23553.2	17564.2	12398.2	7753.3	4382.3	2543.6	1593.6
7.5°	105862.3	93087.5	71732.1	50639.3	32777.4	23036.6	15834.9	10139.2	5840.1	3182.7	1821.2
5°	191870.7	169206.3	127476.0	76757.9	47596.7	28872.3	18790.0	12056.8	6912.7	3703.7	2048.9
2.5°	292974.2	263655.3	184296.9	105547.1	58690.3	33390.3	20856.4	13317.6	7595.7	4058.3	2224.0
0°	349843.3	312499.7	217039.3	120839.1	63974.4	35307.9	21867.7	14075.0	8173.6	4347.3	2337.8
-2.5°	323168.6	293105.5	199462.0	112249.6	61133.2	34467.3	22012.1	14263.2	8269.9	4426.1	2390.3
-5°	227769.6	203095.7	138013.6	82834.5	51869.5	31748.6	20768.8	13554.0	8002.8	4312.2	2368.4
-7.5°	120502.0	109338.3	81849.4	59522.1	37860.2	26871.6	18698.1	12297.6	7311.1	4005.8	2237.1
-10°	62258.3	59968.6	51676.9	38954.7	30636.6	22511.2	15957.5	10515.7	6111.6	3449.8	2013.8
-12.5°	35894.5	35504.9	32838.7	28189.4	23491.9	18492.3	13094.3	8576.3	5100.3	2858.8	1698.6
-15°	23242.3	23408.7	22480.6	20545.5	17870.6	13838.6	10060.4	6378.6	3773.8	2315.9	1497.2
-17.5°	15861.2	15817.4	15384.0	14057.5	11903.5	9346.8	6667.6	4504.9	2858.8	1803.7	1243.3
-20°	10034.2	10051.7	9648.9	8733.9	7149.1	5761.3	4150.3	3038.3	2027.0	1418.4	1098.9



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CANDELA DISTRIBUTION (continued):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
-22.5°	5822.6	5835.8	5581.8	5065.2	4233.4	3414.8	2696.8	2009.5	1492.9	1182.0	963.1
-25°	3344.7	3292.2	3191.5	2942.0	2552.3	2105.8	1790.6	1414.1	1195.2	1002.5	880.0
-27.5°	2027.0	1991.9	1939.4	1830.0	1676.7	1453.5	1309.0	1142.6	1015.7	901.8	827.4
-30°	1414.1	1427.2	1383.4	1326.5	1256.5	1155.8	1077.0	998.2	915.0	844.9	774.9
-32.5°	1125.1	1133.9	1112.0	1090.1	1055.1	1015.7	967.5	910.6	844.9	779.3	713.6
-35°	967.5	971.9	971.9	967.5	958.8	928.1	893.1	840.6	779.3	718.0	661.1
-37.5°	888.7	893.1	893.1	888.7	875.6	849.3	814.3	770.5	713.6	656.7	612.9
-40°	805.5	809.9	805.5	796.8	783.6	757.4	731.1	696.1	652.3	604.2	564.8
-42.5°	726.7	722.4	718.0	709.2	696.1	678.6	656.7	630.4	599.8	564.8	534.1
-45°	652.3	652.3	647.9	643.6	634.8	621.7	608.5	586.6	564.8	538.5	512.2
-47.5°	612.9	612.9	608.5	604.2	599.8	591.0	577.9	560.4	542.9	521.0	499.1
-50°	586.6	586.6	586.6	582.3	577.9	569.1	556.0	542.9	525.3	503.5	481.6
-52.5°	569.1	569.1	569.1	564.8	560.4	556.0	542.9	525.3	503.5	485.9	468.4
-55°	560.4	556.0	556.0	551.6	547.2	542.9	525.3	507.8	490.3	472.8	455.3
-57.5°	547.2	542.9	542.9	538.5	534.1	529.7	512.2	494.7	477.2	455.3	442.2
-60°	534.1	529.7	529.7	521.0	516.6	512.2	494.7	477.2	459.7	442.2	424.7
-62.5°	516.6	512.2	507.8	503.5	494.7	485.9	472.8	455.3	433.4	415.9	398.4
-65°	477.2	472.8	468.4	464.1	459.7	455.3	442.2	420.3	402.8	385.3	367.7
-67.5°	429.0	429.0	429.0	420.3	415.9	407.1	398.4	380.9	363.4	345.9	332.7
-70°	372.1	372.1	372.1	363.4	359.0	354.6	341.5	328.3	315.2	302.1	284.6
-72.5°	315.2	310.8	310.8	306.5	297.7	293.3	284.6	275.8	262.7	253.9	240.8
-75°	258.3	253.9	253.9	249.5	245.2	240.8	232.0	227.7	218.9	210.1	197.0
-77.5°	205.8	205.8	205.8	201.4	197.0	192.6	188.3	183.9	179.5	170.7	162.0
-80°	157.6	157.6	157.6	157.6	157.6	157.6	157.6	153.2	144.5	140.1	135.7
-82.5°	113.8	118.2	118.2	118.2	118.2	118.2	118.2	118.2	113.8	109.4	105.1
-85°	74.4	78.8	78.8	83.2	87.6	87.6	91.9	87.6	83.2	74.4	70.0
-87.5°	39.4	39.4	39.4	39.4	39.4	39.4	39.4	35.0	35.0	35.0	30.6
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



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CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
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°	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	8.8	8.8	8.8
85°	8.8	8.8	8.8	8.8	13.1	13.1	13.1	17.5	17.5	17.5	17.5
82.5°	8.8	13.1	13.1	13.1	17.5	17.5	21.9	26.3	35.0	39.4	39.4
80°	8.8	13.1	13.1	13.1	17.5	17.5	21.9	21.9	26.3	30.6	39.4
77.5°	8.8	8.8	13.1	13.1	13.1	17.5	17.5	21.9	21.9	26.3	30.6
75°	4.4	8.8	8.8	8.8	13.1	13.1	17.5	17.5	21.9	21.9	26.3
72.5°	4.4	8.8	8.8	8.8	13.1	13.1	17.5	17.5	17.5	21.9	21.9
70°	4.4	8.8	8.8	8.8	8.8	13.1	13.1	13.1	17.5	17.5	17.5
67.5°	4.4	4.4	4.4	8.8	8.8	8.8	8.8	13.1	13.1	13.1	17.5
65°	4.4	4.4	4.4	4.4	8.8	8.8	8.8	8.8	13.1	13.1	13.1
62.5°	4.4	4.4	4.4	8.8	8.8	8.8	8.8	8.8	13.1	13.1	13.1
60°	17.5	17.5	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1
57.5°	39.4	39.4	35.0	30.6	26.3	26.3	21.9	17.5	17.5	13.1	13.1
55°	65.7	61.3	56.9	48.2	43.8	39.4	35.0	26.3	21.9	17.5	13.1
52.5°	83.2	78.8	74.4	70.0	61.3	52.5	48.2	43.8	35.0	26.3	21.9
50°	122.6	109.4	100.7	91.9	83.2	74.4	65.7	61.3	48.2	39.4	30.6
47.5°	148.8	140.1	127.0	118.2	109.4	96.3	83.2	74.4	65.7	52.5	39.4
45°	170.7	162.0	148.8	140.1	131.3	118.2	105.1	91.9	83.2	70.0	52.5
42.5°	192.6	183.9	170.7	162.0	148.8	135.7	122.6	109.4	96.3	87.6	70.0
40°	223.3	210.1	192.6	183.9	175.1	157.6	140.1	127.0	113.8	100.7	83.2
37.5°	262.7	249.5	227.7	210.1	197.0	183.9	166.4	148.8	135.7	118.2	100.7
35°	324.0	302.1	271.4	245.2	227.7	210.1	188.3	170.7	153.2	135.7	118.2
32.5°	385.3	350.2	310.8	280.2	253.9	232.0	210.1	192.6	170.7	148.8	131.3
30°	433.4	394.0	354.6	310.8	280.2	253.9	232.0	210.1	188.3	166.4	144.5
27.5°	481.6	437.8	394.0	350.2	306.5	271.4	249.5	227.7	205.8	183.9	157.6
25°	529.7	481.6	437.8	389.6	337.1	297.7	267.1	249.5	227.7	201.4	170.7
22.5°	573.5	529.7	485.9	433.4	372.1	319.6	288.9	267.1	245.2	214.5	188.3
20°	656.7	599.8	547.2	481.6	411.5	359.0	319.6	288.9	262.7	232.0	201.4
17.5°	766.1	683.0	612.9	538.5	468.4	402.8	345.9	310.8	284.6	249.5	214.5
15°	906.2	761.8	674.2	599.8	516.6	442.2	380.9	332.7	297.7	262.7	232.0
12.5°	1011.3	823.0	726.7	656.7	569.1	485.9	407.1	350.2	310.8	275.8	240.8
10°	1129.5	888.7	770.5	691.7	599.8	507.8	424.7	363.4	319.6	288.9	253.9
7.5°	1225.8	941.3	792.4	704.8	617.3	525.3	442.2	376.5	332.7	297.7	262.7
5°	1313.4	985.0	809.9	709.2	626.0	538.5	450.9	385.3	341.5	306.5	271.4
2.5°	1374.7	1024.4	827.4	718.0	634.8	547.2	464.1	394.0	350.2	315.2	280.2
0°	1427.2	1037.6	823.0	718.0	639.2	547.2	468.4	398.4	354.6	319.6	284.6
-2.5°	1444.7	1059.5	844.9	726.7	647.9	556.0	477.2	402.8	359.0	324.0	293.3
-5°	1444.7	1041.9	844.9	735.5	652.3	560.4	477.2	407.1	363.4	328.3	293.3
-7.5°	1392.2	1015.7	840.6	744.2	656.7	564.8	477.2	411.5	367.7	332.7	297.7
-10°	1300.2	976.3	836.2	748.6	656.7	560.4	477.2	411.5	367.7	332.7	302.1
-12.5°	1151.4	923.7	814.3	739.9	647.9	551.6	472.8	411.5	367.7	337.1	302.1
-15°	1077.0	880.0	788.0	713.6	626.0	538.5	464.1	407.1	367.7	337.1	306.5
-17.5°	976.3	844.9	761.8	687.3	608.5	525.3	455.3	407.1	367.7	332.7	306.5
-20°	906.2	805.5	731.1	665.4	586.6	512.2	450.9	402.8	367.7	332.7	306.5



REPORT NUMBER: P724059

CATALOG NUMBER: IFLD-L-SA7A-727-U-22-VI

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
-22.5°	844.9	761.8	696.1	630.4	560.4	494.7	442.2	398.4	363.4	332.7	306.5
-25°	796.8	722.4	661.1	599.8	538.5	481.6	433.4	394.0	359.0	332.7	302.1
-27.5°	753.0	683.0	626.0	569.1	512.2	468.4	424.7	389.6	359.0	328.3	297.7
-30°	704.8	647.9	591.0	538.5	499.1	455.3	415.9	380.9	354.6	324.0	293.3
-32.5°	656.7	604.2	556.0	516.6	481.6	446.5	411.5	376.5	345.9	315.2	284.6
-35°	612.9	564.8	529.7	494.7	468.4	437.8	402.8	367.7	341.5	310.8	284.6
-37.5°	569.1	534.1	503.5	477.2	450.9	424.7	389.6	359.0	332.7	302.1	271.4
-40°	534.1	507.8	485.9	464.1	437.8	407.1	380.9	350.2	324.0	293.3	258.3
-42.5°	512.2	490.3	468.4	446.5	424.7	398.4	372.1	341.5	315.2	284.6	249.5
-45°	490.3	472.8	455.3	437.8	415.9	389.6	359.0	328.3	302.1	271.4	245.2
-47.5°	477.2	459.7	442.2	429.0	411.5	376.5	350.2	319.6	288.9	262.7	232.0
-50°	464.1	446.5	433.4	415.9	394.0	363.4	337.1	306.5	280.2	249.5	223.3
-52.5°	450.9	433.4	415.9	398.4	376.5	350.2	324.0	297.7	267.1	236.4	210.1
-55°	437.8	420.3	402.8	385.3	363.4	341.5	315.2	280.2	249.5	218.9	192.6
-57.5°	424.7	411.5	389.6	367.7	345.9	324.0	293.3	262.7	232.0	201.4	179.5
-60°	407.1	389.6	372.1	345.9	324.0	297.7	271.4	245.2	214.5	188.3	166.4
-62.5°	380.9	363.4	345.9	319.6	297.7	275.8	253.9	223.3	201.4	175.1	153.2
-65°	350.2	332.7	315.2	293.3	271.4	249.5	232.0	205.8	183.9	162.0	144.5
-67.5°	315.2	297.7	284.6	262.7	245.2	223.3	205.8	183.9	162.0	144.5	127.0
-70°	271.4	258.3	245.2	227.7	210.1	192.6	175.1	157.6	140.1	127.0	109.4
-72.5°	232.0	218.9	205.8	192.6	179.5	162.0	148.8	135.7	122.6	109.4	100.7
-75°	188.3	179.5	170.7	162.0	148.8	135.7	127.0	113.8	105.1	96.3	91.9
-77.5°	157.6	148.8	140.1	131.3	122.6	113.8	105.1	96.3	91.9	87.6	83.2
-80°	127.0	122.6	118.2	109.4	105.1	96.3	91.9	83.2	83.2	83.2	83.2
-82.5°	100.7	96.3	91.9	87.6	83.2	78.8	78.8	74.4	78.8	78.8	74.4
-85°	70.0	65.7	61.3	61.3	56.9	56.9	52.5	52.5	52.5	48.2	48.2
-87.5°	30.6	30.6	30.6	30.6	26.3	26.3	26.3	26.3	26.3	21.9	21.9
-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: P724059
 CATALOG NUMBER: IFLD-L-SA7A-727-U-22-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°	8.8	8.8	4.4	4.4	4.4	4.4	4.4	4.4	4.4	0.0	0.0
85°	17.5	17.5	13.1	13.1	13.1	8.8	8.8	4.4	4.4	4.4	4.4
82.5°	39.4	35.0	30.6	26.3	21.9	17.5	13.1	8.8	8.8	4.4	4.4
80°	48.2	48.2	48.2	43.8	35.0	26.3	17.5	13.1	8.8	4.4	4.4
77.5°	35.0	35.0	39.4	43.8	43.8	35.0	21.9	13.1	8.8	8.8	4.4
75°	26.3	26.3	26.3	30.6	35.0	35.0	26.3	17.5	8.8	8.8	4.4
72.5°	26.3	26.3	26.3	26.3	26.3	26.3	26.3	17.5	13.1	8.8	8.8
70°	21.9	21.9	21.9	21.9	21.9	21.9	21.9	17.5	13.1	8.8	8.8
67.5°	17.5	17.5	21.9	21.9	21.9	17.5	17.5	17.5	13.1	8.8	8.8
65°	13.1	17.5	17.5	21.9	17.5	17.5	17.5	13.1	13.1	8.8	8.8
62.5°	13.1	13.1	17.5	17.5	17.5	17.5	13.1	13.1	13.1	8.8	8.8
60°	13.1	13.1	13.1	17.5	13.1	13.1	13.1	13.1	13.1	8.8	8.8
57.5°	13.1	13.1	13.1	13.1	13.1	13.1	13.1	8.8	8.8	8.8	8.8
55°	13.1	13.1	13.1	13.1	13.1	13.1	8.8	8.8	8.8	8.8	8.8
52.5°	17.5	13.1	13.1	13.1	13.1	13.1	8.8	8.8	8.8	8.8	8.8
50°	21.9	13.1	13.1	13.1	13.1	8.8	8.8	8.8	8.8	8.8	8.8
47.5°	30.6	21.9	17.5	13.1	13.1	8.8	8.8	8.8	8.8	8.8	4.4
45°	43.8	30.6	21.9	17.5	13.1	8.8	8.8	8.8	8.8	8.8	4.4
42.5°	52.5	39.4	26.3	21.9	17.5	13.1	8.8	8.8	8.8	4.4	4.4
40°	65.7	52.5	35.0	26.3	17.5	13.1	8.8	8.8	8.8	4.4	4.4
37.5°	83.2	65.7	43.8	30.6	21.9	13.1	13.1	8.8	8.8	4.4	4.4
35°	96.3	74.4	56.9	35.0	26.3	17.5	13.1	8.8	8.8	4.4	4.4
32.5°	109.4	87.6	70.0	43.8	30.6	21.9	17.5	8.8	8.8	4.4	4.4
30°	122.6	100.7	78.8	56.9	39.4	26.3	17.5	8.8	8.8	4.4	4.4
27.5°	135.7	109.4	87.6	65.7	43.8	30.6	21.9	13.1	8.8	4.4	4.4
25°	148.8	122.6	96.3	74.4	48.2	35.0	21.9	13.1	8.8	8.8	4.4
22.5°	157.6	135.7	109.4	83.2	56.9	39.4	26.3	17.5	8.8	8.8	4.4
20°	170.7	148.8	118.2	91.9	65.7	43.8	26.3	17.5	8.8	8.8	4.4
17.5°	183.9	157.6	127.0	100.7	74.4	48.2	30.6	21.9	8.8	8.8	4.4
15°	197.0	166.4	135.7	105.1	78.8	52.5	30.6	21.9	8.8	8.8	4.4
12.5°	210.1	179.5	144.5	113.8	83.2	56.9	35.0	26.3	13.1	8.8	4.4
10°	218.9	188.3	153.2	118.2	87.6	65.7	39.4	26.3	13.1	8.8	4.4
7.5°	232.0	197.0	162.0	127.0	91.9	70.0	43.8	26.3	13.1	8.8	4.4
5°	236.4	205.8	166.4	135.7	96.3	74.4	48.2	30.6	13.1	8.8	4.4
2.5°	240.8	214.5	170.7	140.1	100.7	74.4	48.2	30.6	17.5	8.8	4.4
0°	245.2	218.9	175.1	144.5	105.1	78.8	52.5	30.6	17.5	8.8	4.4
-2.5°	249.5	223.3	183.9	148.8	109.4	83.2	56.9	30.6	17.5	8.8	4.4
-5°	253.9	223.3	192.6	153.2	113.8	83.2	56.9	35.0	21.9	8.8	4.4
-7.5°	258.3	227.7	197.0	157.6	118.2	83.2	61.3	35.0	21.9	13.1	4.4
-10°	262.7	232.0	201.4	162.0	118.2	87.6	61.3	35.0	21.9	13.1	4.4
-12.5°	267.1	236.4	201.4	162.0	122.6	87.6	61.3	39.4	21.9	13.1	4.4
-15°	271.4	236.4	201.4	162.0	122.6	91.9	65.7	39.4	21.9	13.1	8.8
-17.5°	271.4	236.4	201.4	166.4	122.6	91.9	65.7	39.4	21.9	13.1	8.8
-20°	271.4	236.4	201.4	166.4	122.6	91.9	65.7	39.4	21.9	13.1	8.8



REPORT NUMBER: P724059
 CATALOG NUMBER: IFLD-L-SA7A-727-U-22-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	267.1	232.0	201.4	162.0	122.6	91.9	65.7	39.4	26.3	13.1	8.8
-25°	267.1	232.0	201.4	162.0	122.6	91.9	61.3	39.4	26.3	13.1	8.8
-27.5°	262.7	232.0	197.0	157.6	118.2	87.6	61.3	39.4	26.3	13.1	8.8
-30°	258.3	227.7	192.6	153.2	118.2	87.6	61.3	39.4	26.3	13.1	8.8
-32.5°	253.9	218.9	188.3	148.8	113.8	83.2	61.3	39.4	26.3	13.1	8.8
-35°	245.2	214.5	179.5	144.5	109.4	83.2	56.9	39.4	26.3	17.5	8.8
-37.5°	236.4	205.8	175.1	140.1	105.1	78.8	56.9	39.4	26.3	17.5	8.8
-40°	227.7	201.4	166.4	131.3	100.7	74.4	56.9	39.4	26.3	17.5	13.1
-42.5°	218.9	192.6	162.0	127.0	100.7	74.4	52.5	39.4	26.3	17.5	13.1
-45°	214.5	188.3	153.2	122.6	96.3	74.4	52.5	35.0	26.3	17.5	13.1
-47.5°	205.8	175.1	144.5	118.2	91.9	70.0	48.2	35.0	26.3	17.5	13.1
-50°	192.6	166.4	140.1	113.8	87.6	65.7	48.2	35.0	26.3	17.5	13.1
-52.5°	179.5	153.2	131.3	105.1	83.2	65.7	48.2	35.0	26.3	17.5	13.1
-55°	166.4	144.5	122.6	100.7	78.8	61.3	43.8	35.0	26.3	17.5	13.1
-57.5°	157.6	135.7	113.8	91.9	74.4	56.9	43.8	30.6	21.9	17.5	13.1
-60°	148.8	127.0	105.1	87.6	70.0	56.9	43.8	30.6	21.9	17.5	8.8
-62.5°	135.7	118.2	96.3	83.2	65.7	52.5	39.4	30.6	21.9	17.5	8.8
-65°	122.6	105.1	87.6	74.4	61.3	48.2	39.4	30.6	21.9	17.5	8.8
-67.5°	109.4	96.3	83.2	70.0	56.9	48.2	39.4	30.6	21.9	13.1	8.8
-70°	100.7	87.6	74.4	65.7	56.9	43.8	39.4	30.6	21.9	13.1	8.8
-72.5°	87.6	78.8	70.0	61.3	52.5	48.2	39.4	30.6	17.5	13.1	8.8
-75°	83.2	74.4	65.7	61.3	56.9	48.2	39.4	26.3	17.5	13.1	8.8
-77.5°	83.2	74.4	70.0	65.7	56.9	48.2	35.0	21.9	13.1	13.1	8.8
-80°	83.2	78.8	74.4	61.3	52.5	39.4	26.3	21.9	13.1	8.8	4.4
-82.5°	74.4	61.3	52.5	43.8	39.4	30.6	21.9	17.5	8.8	8.8	4.4
-85°	48.2	39.4	35.0	30.6	26.3	21.9	13.1	8.8	8.8	4.4	4.4
-87.5°	21.9	21.9	17.5	13.1	13.1	8.8	8.8	4.4	4.4	4.4	0.0
-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: P724059
 CATALOG NUMBER: IFLD-L-SA7A-727-U-22-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°	0.0	0.0	0.0	0.0
80°	4.4	0.0	0.0	0.0
77.5°	4.4	0.0	0.0	0.0
75°	4.4	4.4	0.0	0.0
72.5°	4.4	4.4	0.0	0.0
70°	4.4	4.4	0.0	0.0
67.5°	4.4	4.4	0.0	0.0
65°	4.4	4.4	0.0	0.0
62.5°	4.4	4.4	0.0	0.0
60°	4.4	4.4	0.0	0.0
57.5°	4.4	4.4	4.4	0.0
55°	4.4	4.4	4.4	0.0
52.5°	4.4	4.4	4.4	0.0
50°	4.4	4.4	4.4	0.0
47.5°	4.4	4.4	4.4	0.0
45°	4.4	4.4	4.4	0.0
42.5°	4.4	4.4	4.4	0.0
40°	4.4	4.4	4.4	0.0
37.5°	4.4	4.4	4.4	0.0
35°	4.4	4.4	4.4	0.0
32.5°	4.4	4.4	4.4	0.0
30°	4.4	4.4	4.4	0.0
27.5°	4.4	4.4	4.4	0.0
25°	4.4	4.4	4.4	0.0
22.5°	4.4	4.4	4.4	0.0
20°	4.4	4.4	4.4	0.0
17.5°	4.4	4.4	4.4	0.0
15°	4.4	4.4	4.4	0.0
12.5°	4.4	4.4	4.4	0.0
10°	4.4	4.4	4.4	0.0
7.5°	4.4	4.4	4.4	0.0
5°	4.4	4.4	4.4	0.0
2.5°	4.4	4.4	4.4	0.0
0°	4.4	4.4	4.4	0.0
-2.5°	4.4	4.4	4.4	0.0
-5°	4.4	4.4	4.4	0.0
-7.5°	4.4	4.4	4.4	0.0
-10°	4.4	4.4	4.4	0.0
-12.5°	4.4	4.4	4.4	0.0
-15°	4.4	4.4	4.4	0.0
-17.5°	4.4	4.4	4.4	0.0
-20°	4.4	4.4	4.4	0.0



REPORT NUMBER: P724059
CATALOG NUMBER: IFLD-L-SA7A-727-U-22-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	4.4	4.4	4.4	0.0
-25°	4.4	4.4	4.4	0.0
-27.5°	4.4	4.4	4.4	0.0
-30°	4.4	4.4	4.4	0.0
-32.5°	4.4	4.4	4.4	0.0
-35°	4.4	4.4	4.4	0.0
-37.5°	4.4	4.4	4.4	0.0
-40°	4.4	4.4	4.4	0.0
-42.5°	4.4	4.4	4.4	0.0
-45°	4.4	4.4	4.4	0.0
-47.5°	4.4	4.4	4.4	0.0
-50°	4.4	4.4	4.4	0.0
-52.5°	4.4	4.4	4.4	0.0
-55°	4.4	4.4	4.4	0.0
-57.5°	4.4	4.4	4.4	0.0
-60°	4.4	4.4	0.0	0.0
-62.5°	4.4	4.4	0.0	0.0
-65°	4.4	4.4	0.0	0.0
-67.5°	4.4	4.4	0.0	0.0
-70°	4.4	4.4	0.0	0.0
-72.5°	4.4	4.4	0.0	0.0
-75°	4.4	4.4	0.0	0.0
-77.5°	4.4	0.0	0.0	0.0
-80°	4.4	0.0	0.0	0.0
-82.5°	4.4	0.0	0.0	0.0
-85°	0.0	0.0	0.0	0.0
-87.5°	0.0	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)