

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: P724189

Luminaire Tested: **IFLD-S-SA3A-760-U-22-VI**

Issue Date: 01/11/2023

Test Information

Test Method: LM-79-2019
Report Number: P724189
Test Lab: INNOVATION CENTER(G2)
Issue Date: 01/11/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA3A-760-U-22-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 2 distribution lens and Visor
Light Source: (48) 5700K CCT, 70 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

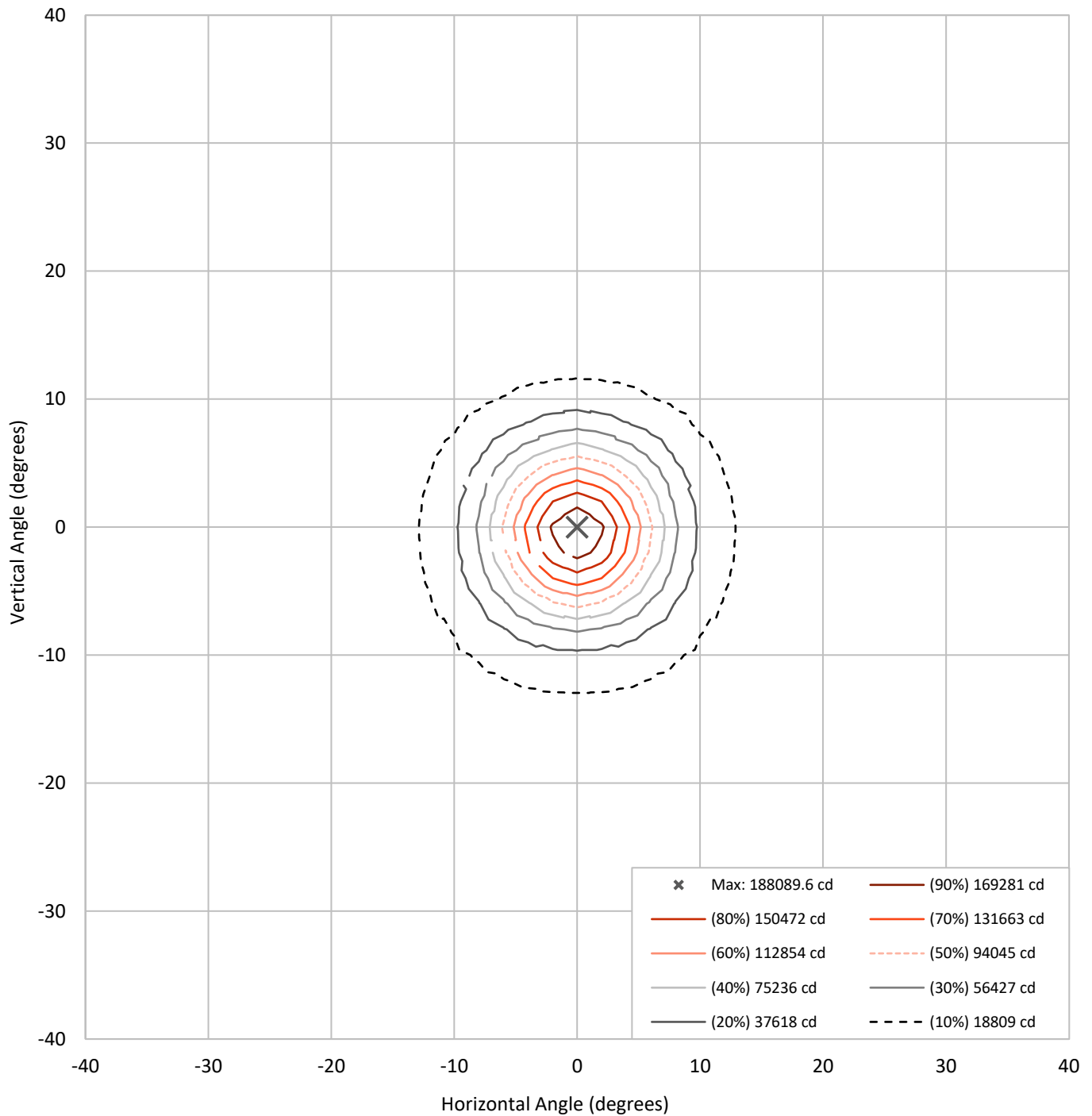
Lumens per Lamp:	N/A	NEMA Type:	2H x 2V
Luminaire Lumens:	13138.2 lumens	Max Intensity:	188089.6 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	138.6 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	12.2°H x 11.7°V	Field Angle (10%):	25.1°H x 24.3°V
Beam Lumens:	4110.2 lumens	Field Lumens:	9352.2 lumens
Beam Efficiency:	31.3%	Field Efficiency:	71.2%

Input Watts (W): 94.8
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





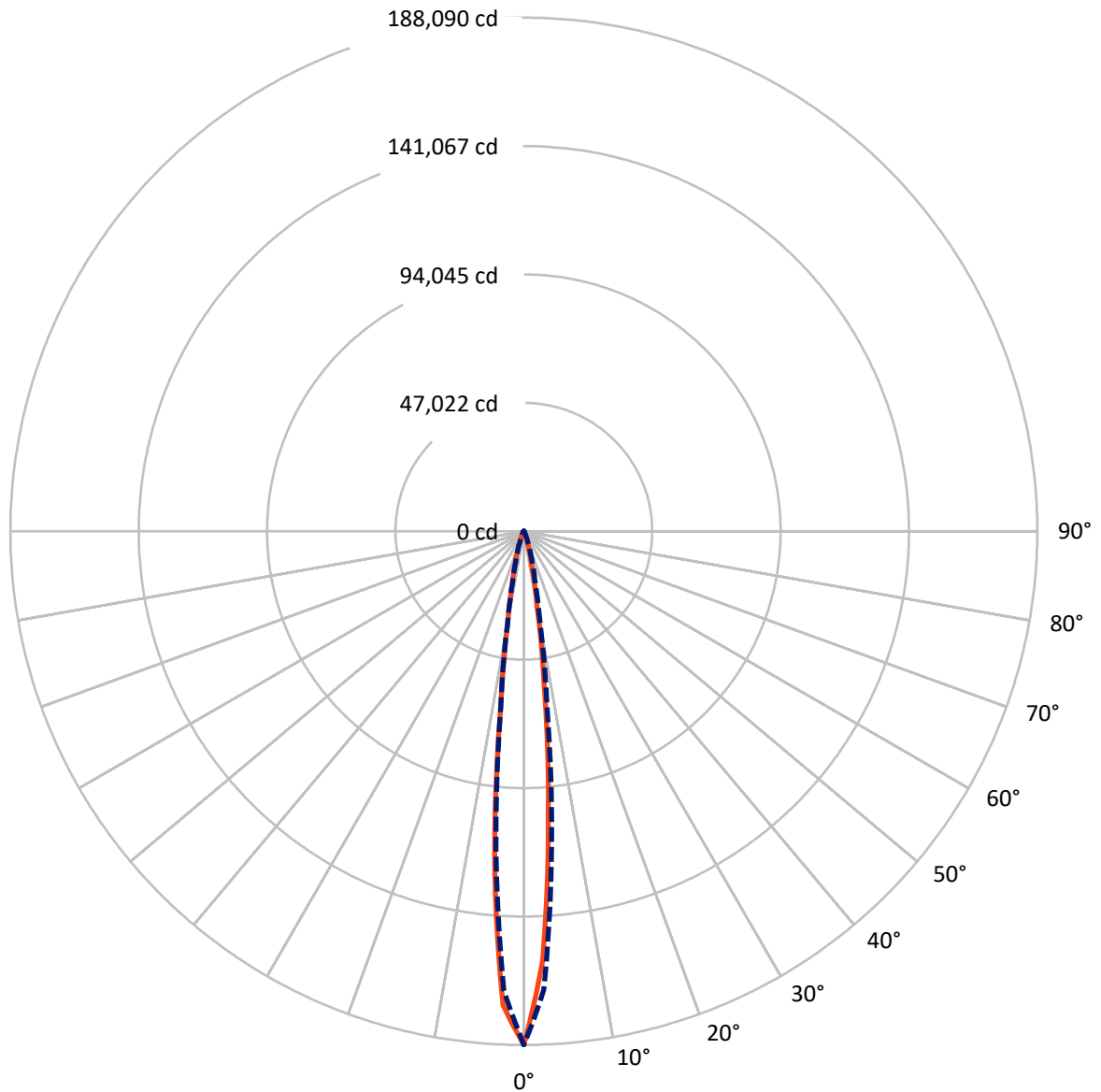
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Lumen Table

90	0.1	0.8	0.7	0.3	0.0	0.3	0.7	0.8	0.1										
80	0.1	0.8	0.7	0.3	0.0	0.3	0.7	0.8	0.1										
70	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
60		0.1	0.1	0.4	0.7	1.0	1.3	1.5	1.5	1.3	1.0	0.7	0.4	0.1	0.1				
50	0.1	0.1	0.4	1.1	1.9	2.6	3.5	4.1	4.1	3.5	2.6	1.9	1.1	0.4	0.1				0.1
40		0.2	0.9	2.0	3.4	5.3	8.0	9.6	9.6	8.0	5.3	3.4	2.0	0.9	0.2				
30	0.1	0.4	1.4	2.9	5.3	9.1	17.5	28.3	28.3	17.5	9.1	5.3	2.9	1.4	0.4				0.1
20		0.6	1.9	3.9	8.0	19.8	103.5	261.9	261.9	103.5	19.8	8.0	3.9	1.9	0.6				
10	0.2	0.7	2.2	4.6	9.8	40.2	333.4	2054.3	2054.3	333.4	40.2	9.8	4.6	2.2	0.7				0.2
0		0.8	2.4	4.9	10.2	45.9	366.8	2262.4	2262.4	366.8	45.9	10.2	4.9	2.4	0.8				
-10	0.3	0.9	2.6	4.9	9.5	27.5	164.7	396.8	396.8	164.7	27.5	9.5	4.9	2.6	0.9				0.3
-20		0.9	2.5	4.6	8.1	14.0	34.0	63.9	63.9	34.0	14.0	8.1	4.6	2.5	0.9				
-30	0.3	0.8	2.3	4.3	6.7	9.9	14.0	16.5	16.5	14.0	9.9	6.7	4.3	2.3	0.8				0.3
-40		0.7	2.0	3.8	5.8	7.7	9.8	10.8	10.8	9.8	7.7	5.8	3.8	2.0	0.7				
-50	0.2	0.6	1.6	3.2	5.1	6.8	8.3	9.0	9.0	8.3	6.8	5.1	3.2	1.6	0.6				0.2
-60		0.4	1.2	2.4	3.9	5.4	6.8	7.5	7.5	6.8	5.4	3.9	2.4	1.2	0.4				
-70	0.1	0.6	1.6	3.2	5.1	6.8	8.3	9.0	9.0	8.3	6.8	5.1	3.2	1.6	0.6				0.1
-80		0.4	1.2	2.4	3.9	5.4	6.8	7.5	7.5	6.8	5.4	3.9	2.4	1.2	0.4				
-90	0.1	1.8	4.9	9.1	10.9	9.1	4.9	1.8	0.1										
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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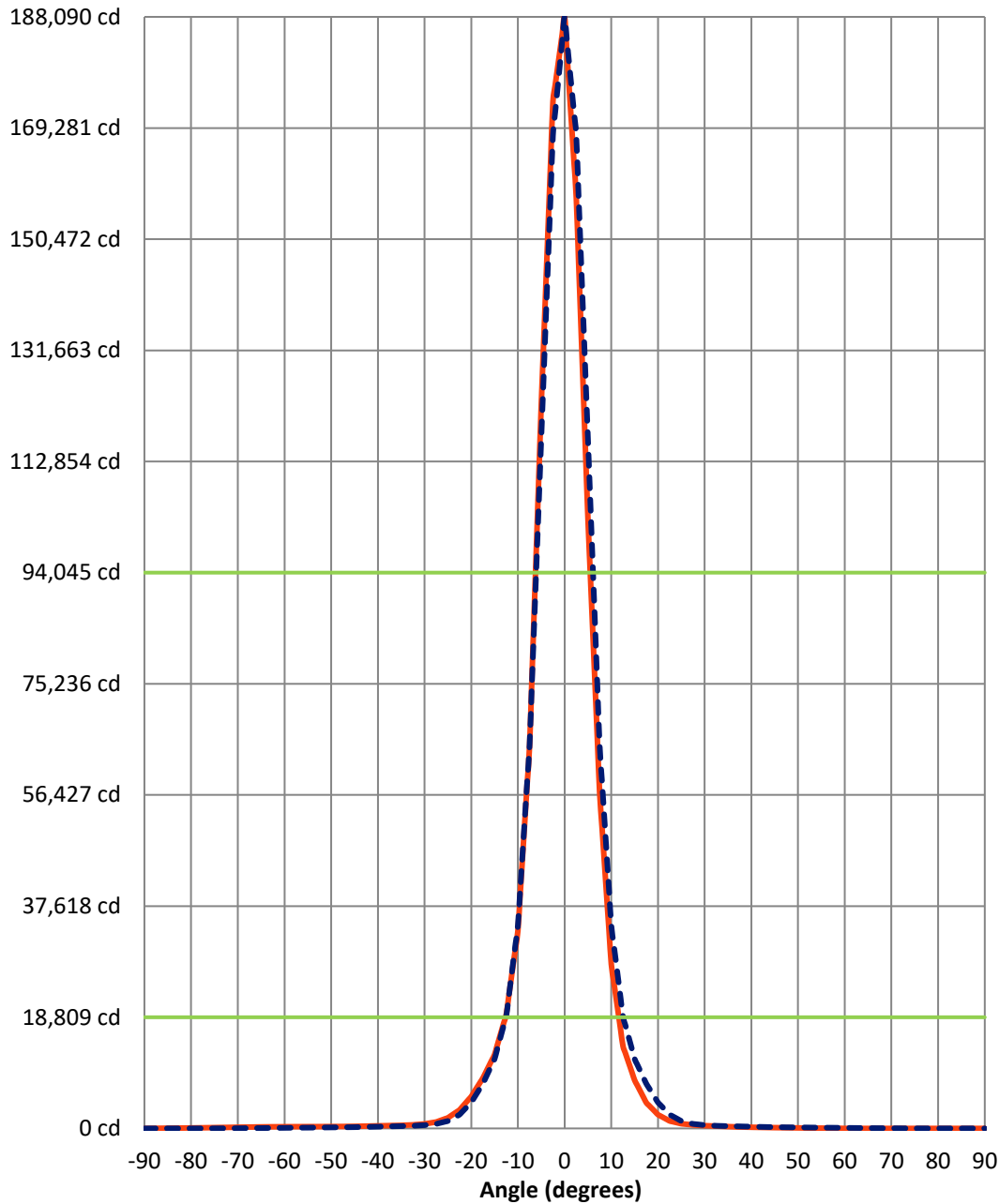
Luminous Intensity Polar Plot



— 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: 4110.2
 Efficiency: 31.3%

Field:
 H Angle: 25.1°
 V Angle: 24.3°
 Lumens: 9352.2
 Efficiency: 71.2%

Spill:
 Lumens: 3786
 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	2.4	2.4
85°	0.0	0.0	0.0	0.0	2.4	2.4	2.4	2.4	2.4	4.7	4.7
82.5°	0.0	0.0	0.0	0.0	2.4	2.4	2.4	2.4	4.7	4.7	4.7
80°	0.0	0.0	0.0	0.0	2.4	2.4	2.4	2.4	4.7	4.7	4.7
77.5°	0.0	0.0	0.0	0.0	2.4	2.4	2.4	2.4	2.4	2.4	4.7
75°	0.0	0.0	0.0	0.0	2.4	2.4	2.4	2.4	2.4	2.4	2.4
72.5°	0.0	0.0	0.0	0.0	2.4	2.4	2.4	2.4	2.4	2.4	2.4
70°	0.0	0.0	0.0	0.0	2.4	2.4	2.4	2.4	2.4	2.4	2.4
67.5°	0.0	0.0	0.0	0.0	2.4	2.4	2.4	2.4	2.4	2.4	2.4
65°	0.0	0.0	0.0	0.0	2.4	2.4	2.4	2.4	2.4	2.4	2.4
62.5°	0.0	0.0	0.0	0.0	2.4	2.4	2.4	2.4	2.4	2.4	2.4
60°	4.7	4.7	4.7	4.7	7.1	7.1	9.4	9.4	9.4	4.7	9.4
57.5°	37.7	37.7	35.3	33.0	30.6	28.2	28.2	28.2	28.2	28.2	23.5
55°	51.8	51.8	51.8	49.4	49.4	47.1	44.7	42.4	42.4	40.0	37.7
52.5°	61.2	61.2	61.2	61.2	58.8	58.8	58.8	56.5	51.8	51.8	49.4
50°	87.1	84.7	84.7	84.7	84.7	80.0	77.7	73.0	70.6	68.3	65.9
47.5°	113.0	113.0	110.6	110.6	108.3	103.6	98.9	94.1	89.4	87.1	82.4
45°	134.2	134.2	131.8	131.8	129.5	124.7	117.7	110.6	105.9	101.2	96.5
42.5°	164.8	162.4	160.1	157.7	153.0	145.9	136.5	127.1	120.0	113.0	108.3
40°	197.7	197.7	195.4	193.0	185.9	178.9	167.1	155.3	143.6	129.5	122.4
37.5°	237.7	240.1	242.4	242.4	237.7	228.3	211.8	197.7	178.9	160.1	150.6
35°	310.7	310.7	315.4	315.4	308.3	296.6	284.8	254.2	230.7	207.1	185.9
32.5°	390.7	393.1	383.7	376.6	367.2	353.1	331.9	306.0	280.1	249.5	226.0
30°	468.4	468.4	456.6	442.5	423.7	400.1	374.2	346.0	315.4	284.8	256.6
27.5°	590.8	579.0	569.6	546.1	513.1	468.4	435.4	390.7	350.7	315.4	284.8
25°	793.2	790.9	769.7	729.7	663.8	593.1	539.0	463.7	402.5	348.4	313.0
22.5°	1261.6	1245.1	1195.7	1096.8	941.5	819.1	708.5	590.8	480.2	407.2	350.7
20°	2332.6	2278.4	2146.6	1873.6	1525.2	1285.1	1009.8	812.0	626.1	489.6	404.8
17.5°	4352.1	4316.8	4267.3	3636.5	2928.1	2419.6	1800.6	1245.1	889.7	640.2	480.2
15°	8158.1	7896.8	7350.7	6595.2	5604.3	4330.9	3184.6	2010.1	1271.0	852.1	609.6
12.5°	13945.9	13656.4	12246.5	10356.5	8574.7	6762.3	4747.5	3055.2	1810.0	1082.7	722.6
10°	27788.2	25686.4	21739.1	16224.3	12663.1	9443.2	6665.8	4168.5	2356.1	1367.5	856.8
7.5°	56915.8	50047.6	38566.0	27225.7	17622.4	12385.4	8513.5	5451.3	3139.9	1711.2	979.2
5°	103157.3	90972.0	68536.2	41268.1	25589.9	15522.9	10102.2	6482.2	3716.6	1991.3	1101.5
2.5°	157514.6	141751.6	99085.4	56746.3	31554.2	17952.0	11213.2	7160.1	4083.7	2181.9	1195.7
0°	188089.6	168012.2	116689.0	64967.9	34395.2	18982.9	11756.9	7567.3	4394.4	2337.3	1256.9
-2.5°	173748.3	157585.2	107238.7	60349.9	32867.6	18531.0	11834.6	7668.5	4446.2	2379.6	1285.1
-5°	122458.0	109192.3	74201.6	44535.1	27887.1	17069.3	11166.1	7287.2	4302.6	2318.4	1273.4
-7.5°	64786.7	58784.6	44005.5	32001.4	20355.1	14447.3	10052.8	6611.7	3930.7	2153.7	1202.8
-10°	33472.5	32241.5	27783.5	20943.6	16471.5	12102.9	8579.4	5653.7	3285.8	1854.7	1082.7
-12.5°	19298.3	19088.8	17655.4	15155.7	12630.2	9942.2	7040.0	4611.0	2742.1	1537.0	913.3
-15°	12496.0	12585.4	12086.5	11046.1	9608.0	7440.2	5408.9	3429.4	2028.9	1245.1	805.0
-17.5°	8527.6	8504.1	8271.0	7557.9	6399.8	5025.2	3584.7	2422.0	1537.0	969.7	668.5
-20°	5394.8	5404.2	5187.6	4695.7	3843.7	3097.5	2231.3	1633.5	1089.8	762.6	590.8



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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°	3130.5	3137.5	3001.0	2723.3	2276.1	1835.9	1449.9	1080.4	802.6	635.5	517.8
-25°	1798.3	1770.0	1715.9	1581.7	1372.2	1132.1	962.7	760.3	642.6	539.0	473.1
-27.5°	1089.8	1071.0	1042.7	983.9	901.5	781.4	703.8	614.3	546.1	484.9	444.9
-30°	760.3	767.3	743.8	713.2	675.5	621.4	579.0	536.7	491.9	454.3	416.6
-32.5°	604.9	609.6	597.8	586.1	567.3	546.1	520.2	489.6	454.3	419.0	383.7
-35°	520.2	522.5	522.5	520.2	515.5	499.0	480.2	451.9	419.0	386.0	355.4
-37.5°	477.8	480.2	480.2	477.8	470.7	456.6	437.8	414.3	383.7	353.1	329.5
-40°	433.1	435.4	433.1	428.4	421.3	407.2	393.1	374.2	350.7	324.8	303.6
-42.5°	390.7	388.4	386.0	381.3	374.2	364.8	353.1	338.9	322.5	303.6	287.2
-45°	350.7	350.7	348.4	346.0	341.3	334.2	327.2	315.4	303.6	289.5	275.4
-47.5°	329.5	329.5	327.2	324.8	322.5	317.8	310.7	301.3	291.9	280.1	268.3
-50°	315.4	315.4	315.4	313.0	310.7	306.0	298.9	291.9	282.4	270.7	258.9
-52.5°	306.0	306.0	306.0	303.6	301.3	298.9	291.9	282.4	270.7	261.3	251.9
-55°	301.3	298.9	298.9	296.6	294.2	291.9	282.4	273.0	263.6	254.2	244.8
-57.5°	294.2	291.9	291.9	289.5	287.2	284.8	275.4	266.0	256.6	244.8	237.7
-60°	287.2	284.8	284.8	280.1	277.7	275.4	266.0	256.6	247.1	237.7	228.3
-62.5°	277.7	275.4	273.0	270.7	266.0	261.3	254.2	244.8	233.0	223.6	214.2
-65°	256.6	254.2	251.9	249.5	247.1	244.8	237.7	226.0	216.5	207.1	197.7
-67.5°	230.7	230.7	230.7	226.0	223.6	218.9	214.2	204.8	195.4	185.9	178.9
-70°	200.1	200.1	200.1	195.4	193.0	190.7	183.6	176.5	169.5	162.4	153.0
-72.5°	169.5	167.1	167.1	164.8	160.1	157.7	153.0	148.3	141.2	136.5	129.5
-75°	138.9	136.5	136.5	134.2	131.8	129.5	124.7	122.4	117.7	113.0	105.9
-77.5°	110.6	110.6	110.6	108.3	105.9	103.6	101.2	98.9	96.5	91.8	87.1
-80°	84.7	84.7	84.7	84.7	84.7	84.7	84.7	82.4	77.7	75.3	73.0
-82.5°	61.2	63.6	63.6	63.6	63.6	63.6	63.6	63.6	61.2	58.8	56.5
-85°	40.0	42.4	42.4	44.7	47.1	47.1	49.4	47.1	44.7	40.0	37.7
-87.5°	21.2	21.2	21.2	21.2	21.2	21.2	21.2	18.8	18.8	18.8	16.5
-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°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	4.7	4.7	4.7
85°	4.7	4.7	4.7	4.7	7.1	7.1	7.1	9.4	9.4	9.4	9.4
82.5°	4.7	7.1	7.1	7.1	9.4	9.4	11.8	14.1	18.8	21.2	21.2
80°	4.7	7.1	7.1	7.1	9.4	9.4	11.8	11.8	14.1	16.5	21.2
77.5°	4.7	4.7	7.1	7.1	7.1	9.4	9.4	11.8	11.8	14.1	16.5
75°	2.4	4.7	4.7	4.7	7.1	7.1	9.4	9.4	11.8	11.8	14.1
72.5°	2.4	4.7	4.7	4.7	7.1	7.1	9.4	9.4	9.4	11.8	11.8
70°	2.4	4.7	4.7	4.7	4.7	7.1	7.1	7.1	9.4	9.4	9.4
67.5°	2.4	2.4	2.4	4.7	4.7	4.7	4.7	7.1	7.1	7.1	9.4
65°	2.4	2.4	2.4	2.4	4.7	4.7	4.7	4.7	7.1	7.1	7.1
62.5°	2.4	2.4	2.4	4.7	4.7	4.7	4.7	4.7	7.1	7.1	7.1
60°	9.4	9.4	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1
57.5°	21.2	21.2	18.8	16.5	14.1	14.1	11.8	9.4	9.4	7.1	7.1
55°	35.3	33.0	30.6	25.9	23.5	21.2	18.8	14.1	11.8	9.4	7.1
52.5°	44.7	42.4	40.0	37.7	33.0	28.2	25.9	23.5	18.8	14.1	11.8
50°	65.9	58.8	54.1	49.4	44.7	40.0	35.3	33.0	25.9	21.2	16.5
47.5°	80.0	75.3	68.3	63.6	58.8	51.8	44.7	40.0	35.3	28.2	21.2
45°	91.8	87.1	80.0	75.3	70.6	63.6	56.5	49.4	44.7	37.7	28.2
42.5°	103.6	98.9	91.8	87.1	80.0	73.0	65.9	58.8	51.8	47.1	37.7
40°	120.0	113.0	103.6	98.9	94.1	84.7	75.3	68.3	61.2	54.1	44.7
37.5°	141.2	134.2	122.4	113.0	105.9	98.9	89.4	80.0	73.0	63.6	54.1
35°	174.2	162.4	145.9	131.8	122.4	113.0	101.2	91.8	82.4	73.0	63.6
32.5°	207.1	188.3	167.1	150.6	136.5	124.7	113.0	103.6	91.8	80.0	70.6
30°	233.0	211.8	190.7	167.1	150.6	136.5	124.7	113.0	101.2	89.4	77.7
27.5°	258.9	235.4	211.8	188.3	164.8	145.9	134.2	122.4	110.6	98.9	84.7
25°	284.8	258.9	235.4	209.5	181.2	160.1	143.6	134.2	122.4	108.3	91.8
22.5°	308.3	284.8	261.3	233.0	200.1	171.8	155.3	143.6	131.8	115.3	101.2
20°	353.1	322.5	294.2	258.9	221.3	193.0	171.8	155.3	141.2	124.7	108.3
17.5°	411.9	367.2	329.5	289.5	251.9	216.5	185.9	167.1	153.0	134.2	115.3
15°	487.2	409.6	362.5	322.5	277.7	237.7	204.8	178.9	160.1	141.2	124.7
12.5°	543.7	442.5	390.7	353.1	306.0	261.3	218.9	188.3	167.1	148.3	129.5
10°	607.3	477.8	414.3	371.9	322.5	273.0	228.3	195.4	171.8	155.3	136.5
7.5°	659.0	506.1	426.0	379.0	331.9	282.4	237.7	202.4	178.9	160.1	141.2
5°	706.1	529.6	435.4	381.3	336.6	289.5	242.4	207.1	183.6	164.8	145.9
2.5°	739.1	550.8	444.9	386.0	341.3	294.2	249.5	211.8	188.3	169.5	150.6
0°	767.3	557.8	442.5	386.0	343.6	294.2	251.9	214.2	190.7	171.8	153.0
-2.5°	776.7	569.6	454.3	390.7	348.4	298.9	256.6	216.5	193.0	174.2	157.7
-5°	776.7	560.2	454.3	395.4	350.7	301.3	256.6	218.9	195.4	176.5	157.7
-7.5°	748.5	546.1	451.9	400.1	353.1	303.6	256.6	221.3	197.7	178.9	160.1
-10°	699.1	524.9	449.6	402.5	353.1	301.3	256.6	221.3	197.7	178.9	162.4
-12.5°	619.0	496.6	437.8	397.8	348.4	296.6	254.2	221.3	197.7	181.2	162.4
-15°	579.0	473.1	423.7	383.7	336.6	289.5	249.5	218.9	197.7	181.2	164.8
-17.5°	524.9	454.3	409.6	369.5	327.2	282.4	244.8	218.9	197.7	178.9	164.8
-20°	487.2	433.1	393.1	357.8	315.4	275.4	242.4	216.5	197.7	178.9	164.8



REPORT NUMBER: P724189

CATALOG NUMBER: IFLD-S-SA3A-760-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°	454.3	409.6	374.2	338.9	301.3	266.0	237.7	214.2	195.4	178.9	164.8
-25°	428.4	388.4	355.4	322.5	289.5	258.9	233.0	211.8	193.0	178.9	162.4
-27.5°	404.8	367.2	336.6	306.0	275.4	251.9	228.3	209.5	193.0	176.5	160.1
-30°	379.0	348.4	317.8	289.5	268.3	244.8	223.6	204.8	190.7	174.2	157.7
-32.5°	353.1	324.8	298.9	277.7	258.9	240.1	221.3	202.4	185.9	169.5	153.0
-35°	329.5	303.6	284.8	266.0	251.9	235.4	216.5	197.7	183.6	167.1	153.0
-37.5°	306.0	287.2	270.7	256.6	242.4	228.3	209.5	193.0	178.9	162.4	145.9
-40°	287.2	273.0	261.3	249.5	235.4	218.9	204.8	188.3	174.2	157.7	138.9
-42.5°	275.4	263.6	251.9	240.1	228.3	214.2	200.1	183.6	169.5	153.0	134.2
-45°	263.6	254.2	244.8	235.4	223.6	209.5	193.0	176.5	162.4	145.9	131.8
-47.5°	256.6	247.1	237.7	230.7	221.3	202.4	188.3	171.8	155.3	141.2	124.7
-50°	249.5	240.1	233.0	223.6	211.8	195.4	181.2	164.8	150.6	134.2	120.0
-52.5°	242.4	233.0	223.6	214.2	202.4	188.3	174.2	160.1	143.6	127.1	113.0
-55°	235.4	226.0	216.5	207.1	195.4	183.6	169.5	150.6	134.2	117.7	103.6
-57.5°	228.3	221.3	209.5	197.7	185.9	174.2	157.7	141.2	124.7	108.3	96.5
-60°	218.9	209.5	200.1	185.9	174.2	160.1	145.9	131.8	115.3	101.2	89.4
-62.5°	204.8	195.4	185.9	171.8	160.1	148.3	136.5	120.0	108.3	94.1	82.4
-65°	188.3	178.9	169.5	157.7	145.9	134.2	124.7	110.6	98.9	87.1	77.7
-67.5°	169.5	160.1	153.0	141.2	131.8	120.0	110.6	98.9	87.1	77.7	68.3
-70°	145.9	138.9	131.8	122.4	113.0	103.6	94.1	84.7	75.3	68.3	58.8
-72.5°	124.7	117.7	110.6	103.6	96.5	87.1	80.0	73.0	65.9	58.8	54.1
-75°	101.2	96.5	91.8	87.1	80.0	73.0	68.3	61.2	56.5	51.8	49.4
-77.5°	84.7	80.0	75.3	70.6	65.9	61.2	56.5	51.8	49.4	47.1	44.7
-80°	68.3	65.9	63.6	58.8	56.5	51.8	49.4	44.7	44.7	44.7	44.7
-82.5°	54.1	51.8	49.4	47.1	44.7	42.4	42.4	40.0	42.4	42.4	40.0
-85°	37.7	35.3	33.0	33.0	30.6	30.6	28.2	28.2	28.2	25.9	25.9
-87.5°	16.5	16.5	16.5	16.5	14.1	14.1	14.1	14.1	14.1	11.8	11.8
-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: P724189
 CATALOG NUMBER: IFLD-S-SA3A-760-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°	4.7	4.7	2.4	2.4	2.4	2.4	2.4	2.4	2.4	0.0	0.0
85°	9.4	9.4	7.1	7.1	7.1	4.7	4.7	2.4	2.4	2.4	2.4
82.5°	21.2	18.8	16.5	14.1	11.8	9.4	7.1	4.7	4.7	2.4	2.4
80°	25.9	25.9	25.9	23.5	18.8	14.1	9.4	7.1	4.7	2.4	2.4
77.5°	18.8	18.8	21.2	23.5	23.5	18.8	11.8	7.1	4.7	4.7	2.4
75°	14.1	14.1	14.1	16.5	18.8	18.8	14.1	9.4	4.7	4.7	2.4
72.5°	14.1	14.1	14.1	14.1	14.1	14.1	14.1	9.4	7.1	4.7	4.7
70°	11.8	11.8	11.8	11.8	11.8	11.8	11.8	9.4	7.1	4.7	4.7
67.5°	9.4	9.4	11.8	11.8	11.8	9.4	9.4	9.4	7.1	4.7	4.7
65°	7.1	9.4	9.4	11.8	9.4	9.4	9.4	7.1	7.1	4.7	4.7
62.5°	7.1	7.1	9.4	9.4	9.4	9.4	7.1	7.1	7.1	4.7	4.7
60°	7.1	7.1	7.1	9.4	7.1	7.1	7.1	7.1	7.1	4.7	4.7
57.5°	7.1	7.1	7.1	7.1	7.1	7.1	7.1	4.7	4.7	4.7	4.7
55°	7.1	7.1	7.1	7.1	7.1	7.1	4.7	4.7	4.7	4.7	4.7
52.5°	9.4	7.1	7.1	7.1	7.1	7.1	4.7	4.7	4.7	4.7	4.7
50°	11.8	7.1	7.1	7.1	7.1	4.7	4.7	4.7	4.7	4.7	4.7
47.5°	16.5	11.8	9.4	7.1	7.1	4.7	4.7	4.7	4.7	4.7	2.4
45°	23.5	16.5	11.8	9.4	7.1	4.7	4.7	4.7	4.7	4.7	2.4
42.5°	28.2	21.2	14.1	11.8	9.4	7.1	4.7	4.7	4.7	2.4	2.4
40°	35.3	28.2	18.8	14.1	9.4	7.1	4.7	4.7	4.7	2.4	2.4
37.5°	44.7	35.3	23.5	16.5	11.8	7.1	7.1	4.7	4.7	2.4	2.4
35°	51.8	40.0	30.6	18.8	14.1	9.4	7.1	4.7	4.7	2.4	2.4
32.5°	58.8	47.1	37.7	23.5	16.5	11.8	9.4	4.7	4.7	2.4	2.4
30°	65.9	54.1	42.4	30.6	21.2	14.1	9.4	4.7	4.7	2.4	2.4
27.5°	73.0	58.8	47.1	35.3	23.5	16.5	11.8	7.1	4.7	2.4	2.4
25°	80.0	65.9	51.8	40.0	25.9	18.8	11.8	7.1	4.7	4.7	2.4
22.5°	84.7	73.0	58.8	44.7	30.6	21.2	14.1	9.4	4.7	4.7	2.4
20°	91.8	80.0	63.6	49.4	35.3	23.5	14.1	9.4	4.7	4.7	2.4
17.5°	98.9	84.7	68.3	54.1	40.0	25.9	16.5	11.8	4.7	4.7	2.4
15°	105.9	89.4	73.0	56.5	42.4	28.2	16.5	11.8	4.7	4.7	2.4
12.5°	113.0	96.5	77.7	61.2	44.7	30.6	18.8	14.1	7.1	4.7	2.4
10°	117.7	101.2	82.4	63.6	47.1	35.3	21.2	14.1	7.1	4.7	2.4
7.5°	124.7	105.9	87.1	68.3	49.4	37.7	23.5	14.1	7.1	4.7	2.4
5°	127.1	110.6	89.4	73.0	51.8	40.0	25.9	16.5	7.1	4.7	2.4
2.5°	129.5	115.3	91.8	75.3	54.1	40.0	25.9	16.5	9.4	4.7	2.4
0°	131.8	117.7	94.1	77.7	56.5	42.4	28.2	16.5	9.4	4.7	2.4
-2.5°	134.2	120.0	98.9	80.0	58.8	44.7	30.6	16.5	9.4	4.7	2.4
-5°	136.5	120.0	103.6	82.4	61.2	44.7	30.6	18.8	11.8	4.7	2.4
-7.5°	138.9	122.4	105.9	84.7	63.6	44.7	33.0	18.8	11.8	7.1	2.4
-10°	141.2	124.7	108.3	87.1	63.6	47.1	33.0	18.8	11.8	7.1	2.4
-12.5°	143.6	127.1	108.3	87.1	65.9	47.1	33.0	21.2	11.8	7.1	2.4
-15°	145.9	127.1	108.3	87.1	65.9	49.4	35.3	21.2	11.8	7.1	4.7
-17.5°	145.9	127.1	108.3	89.4	65.9	49.4	35.3	21.2	11.8	7.1	4.7
-20°	145.9	127.1	108.3	89.4	65.9	49.4	35.3	21.2	11.8	7.1	4.7



REPORT NUMBER: P724189
 CATALOG NUMBER: IFLD-S-SA3A-760-U-22-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	143.6	124.7	108.3	87.1	65.9	49.4	35.3	21.2	14.1	7.1	4.7
-25°	143.6	124.7	108.3	87.1	65.9	49.4	33.0	21.2	14.1	7.1	4.7
-27.5°	141.2	124.7	105.9	84.7	63.6	47.1	33.0	21.2	14.1	7.1	4.7
-30°	138.9	122.4	103.6	82.4	63.6	47.1	33.0	21.2	14.1	7.1	4.7
-32.5°	136.5	117.7	101.2	80.0	61.2	44.7	33.0	21.2	14.1	7.1	4.7
-35°	131.8	115.3	96.5	77.7	58.8	44.7	30.6	21.2	14.1	9.4	4.7
-37.5°	127.1	110.6	94.1	75.3	56.5	42.4	30.6	21.2	14.1	9.4	4.7
-40°	122.4	108.3	89.4	70.6	54.1	40.0	30.6	21.2	14.1	9.4	7.1
-42.5°	117.7	103.6	87.1	68.3	54.1	40.0	28.2	21.2	14.1	9.4	7.1
-45°	115.3	101.2	82.4	65.9	51.8	40.0	28.2	18.8	14.1	9.4	7.1
-47.5°	110.6	94.1	77.7	63.6	49.4	37.7	25.9	18.8	14.1	9.4	7.1
-50°	103.6	89.4	75.3	61.2	47.1	35.3	25.9	18.8	14.1	9.4	7.1
-52.5°	96.5	82.4	70.6	56.5	44.7	35.3	25.9	18.8	14.1	9.4	7.1
-55°	89.4	77.7	65.9	54.1	42.4	33.0	23.5	18.8	14.1	9.4	7.1
-57.5°	84.7	73.0	61.2	49.4	40.0	30.6	23.5	16.5	11.8	9.4	7.1
-60°	80.0	68.3	56.5	47.1	37.7	30.6	23.5	16.5	11.8	9.4	4.7
-62.5°	73.0	63.6	51.8	44.7	35.3	28.2	21.2	16.5	11.8	9.4	4.7
-65°	65.9	56.5	47.1	40.0	33.0	25.9	21.2	16.5	11.8	9.4	4.7
-67.5°	58.8	51.8	44.7	37.7	30.6	25.9	21.2	16.5	11.8	7.1	4.7
-70°	54.1	47.1	40.0	35.3	30.6	23.5	21.2	16.5	11.8	7.1	4.7
-72.5°	47.1	42.4	37.7	33.0	28.2	25.9	21.2	16.5	9.4	7.1	4.7
-75°	44.7	40.0	35.3	33.0	30.6	25.9	21.2	14.1	9.4	7.1	4.7
-77.5°	44.7	40.0	37.7	35.3	30.6	25.9	18.8	11.8	7.1	7.1	4.7
-80°	44.7	42.4	40.0	33.0	28.2	21.2	14.1	11.8	7.1	4.7	2.4
-82.5°	40.0	33.0	28.2	23.5	21.2	16.5	11.8	9.4	4.7	4.7	2.4
-85°	25.9	21.2	18.8	16.5	14.1	11.8	7.1	4.7	4.7	2.4	2.4
-87.5°	11.8	11.8	9.4	7.1	7.1	4.7	4.7	2.4	2.4	2.4	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: P724189
 CATALOG NUMBER: IFLD-S-SA3A-760-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°	2.4	0.0	0.0	0.0
77.5°	2.4	0.0	0.0	0.0
75°	2.4	2.4	0.0	0.0
72.5°	2.4	2.4	0.0	0.0
70°	2.4	2.4	0.0	0.0
67.5°	2.4	2.4	0.0	0.0
65°	2.4	2.4	0.0	0.0
62.5°	2.4	2.4	0.0	0.0
60°	2.4	2.4	0.0	0.0
57.5°	2.4	2.4	2.4	0.0
55°	2.4	2.4	2.4	0.0
52.5°	2.4	2.4	2.4	0.0
50°	2.4	2.4	2.4	0.0
47.5°	2.4	2.4	2.4	0.0
45°	2.4	2.4	2.4	0.0
42.5°	2.4	2.4	2.4	0.0
40°	2.4	2.4	2.4	0.0
37.5°	2.4	2.4	2.4	0.0
35°	2.4	2.4	2.4	0.0
32.5°	2.4	2.4	2.4	0.0
30°	2.4	2.4	2.4	0.0
27.5°	2.4	2.4	2.4	0.0
25°	2.4	2.4	2.4	0.0
22.5°	2.4	2.4	2.4	0.0
20°	2.4	2.4	2.4	0.0
17.5°	2.4	2.4	2.4	0.0
15°	2.4	2.4	2.4	0.0
12.5°	2.4	2.4	2.4	0.0
10°	2.4	2.4	2.4	0.0
7.5°	2.4	2.4	2.4	0.0
5°	2.4	2.4	2.4	0.0
2.5°	2.4	2.4	2.4	0.0
0°	2.4	2.4	2.4	0.0
-2.5°	2.4	2.4	2.4	0.0
-5°	2.4	2.4	2.4	0.0
-7.5°	2.4	2.4	2.4	0.0
-10°	2.4	2.4	2.4	0.0
-12.5°	2.4	2.4	2.4	0.0
-15°	2.4	2.4	2.4	0.0
-17.5°	2.4	2.4	2.4	0.0
-20°	2.4	2.4	2.4	0.0



REPORT NUMBER: P724189
CATALOG NUMBER: IFLD-S-SA3A-760-U-22-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	2.4	2.4	2.4	0.0
-25°	2.4	2.4	2.4	0.0
-27.5°	2.4	2.4	2.4	0.0
-30°	2.4	2.4	2.4	0.0
-32.5°	2.4	2.4	2.4	0.0
-35°	2.4	2.4	2.4	0.0
-37.5°	2.4	2.4	2.4	0.0
-40°	2.4	2.4	2.4	0.0
-42.5°	2.4	2.4	2.4	0.0
-45°	2.4	2.4	2.4	0.0
-47.5°	2.4	2.4	2.4	0.0
-50°	2.4	2.4	2.4	0.0
-52.5°	2.4	2.4	2.4	0.0
-55°	2.4	2.4	2.4	0.0
-57.5°	2.4	2.4	2.4	0.0
-60°	2.4	2.4	0.0	0.0
-62.5°	2.4	2.4	0.0	0.0
-65°	2.4	2.4	0.0	0.0
-67.5°	2.4	2.4	0.0	0.0
-70°	2.4	2.4	0.0	0.0
-72.5°	2.4	2.4	0.0	0.0
-75°	2.4	2.4	0.0	0.0
-77.5°	2.4	0.0	0.0	0.0
-80°	2.4	0.0	0.0	0.0
-82.5°	2.4	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)