

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: P724045

Luminaire Tested: **IFLD-S-SA3B-727-U-22-VI**

Issue Date: 01/11/2023

Test Information

Test Method: LM-79-2019
Report Number: P724045
Test Lab: INNOVATION CENTER(G2)
Issue Date: 01/11/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA3B-727-U-22-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 2 distribution lens and Visor
Light Source: (48) 2700K CCT, 70 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

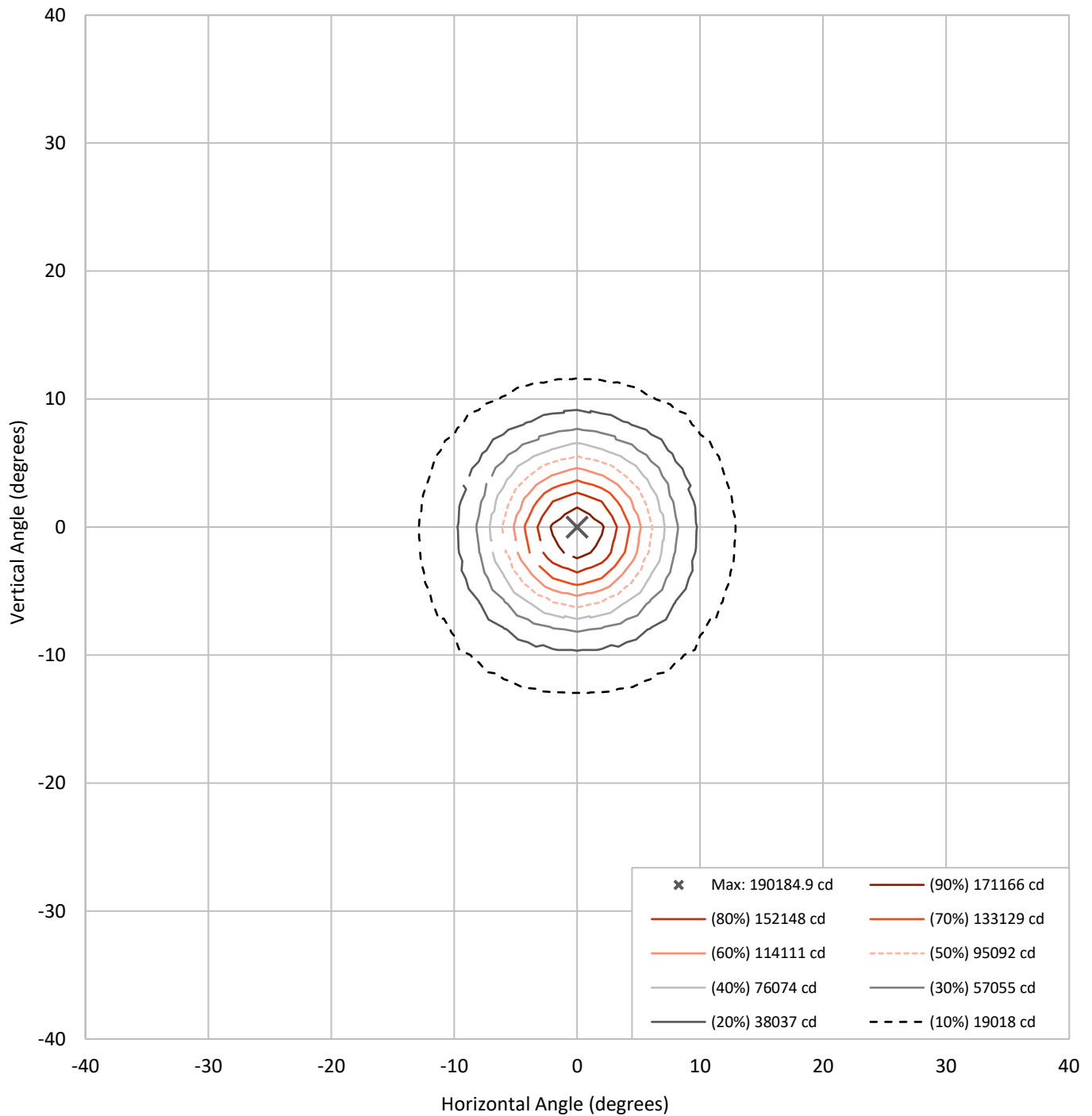
Lumens per Lamp:	N/A	NEMA Type:	2H x 2V
Luminaire Lumens:	13284.5 lumens	Max Intensity:	190184.9 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	108.5 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	12.2°H x 11.7°V	Field Angle (10%):	25.1°H x 24.3°V
Beam Lumens:	4156 lumens	Field Lumens:	9456.4 lumens
Beam Efficiency:	31.3%	Field Efficiency:	71.2%

Input Watts (W): 122.4
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: P724045
CATALOG NUMBER: IFLD-S-SA3B-727-U-22-VI

Iso-Candela Plot





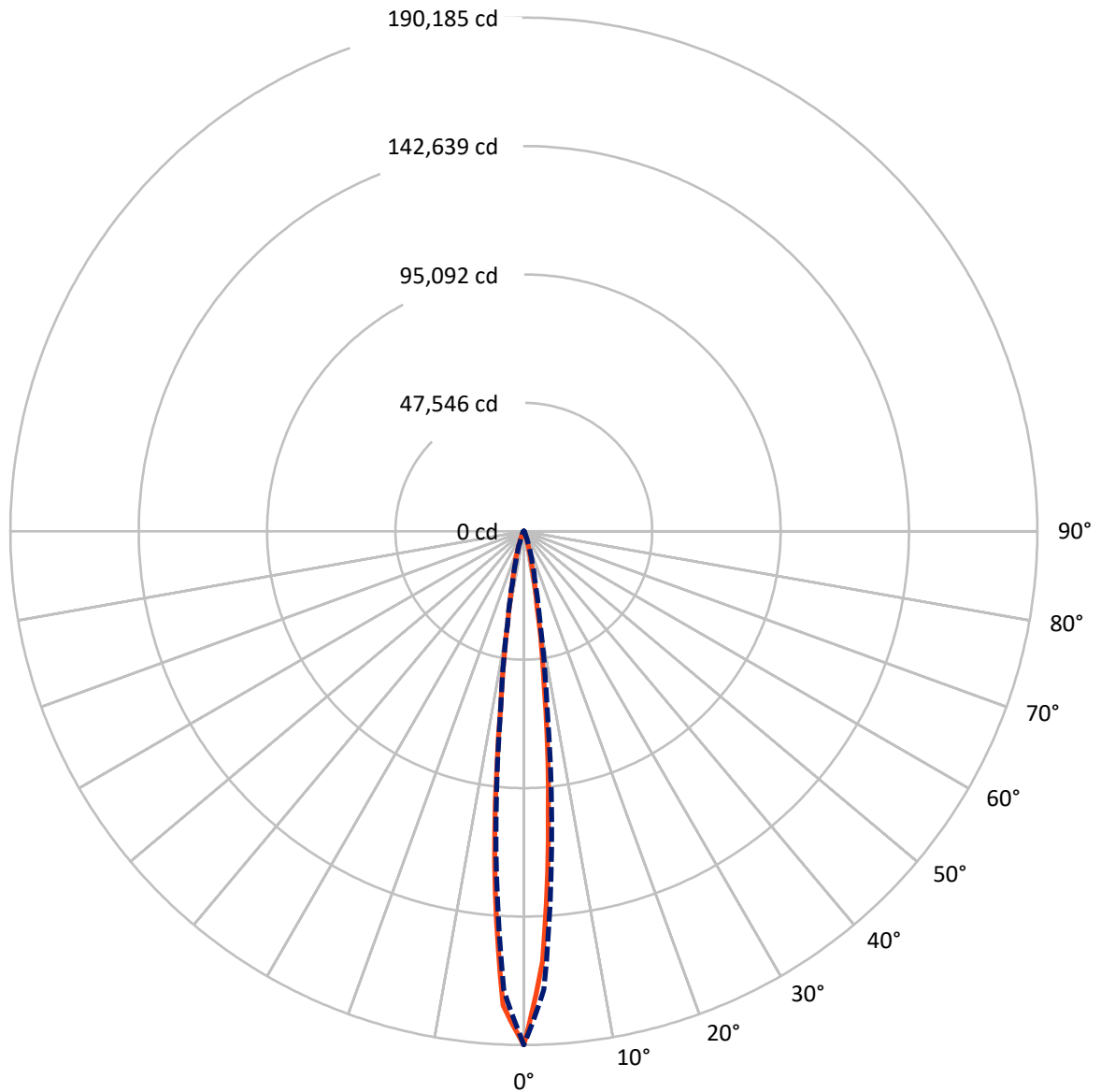
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 CATALOG NUMBER: IFLD-S-SA3B-727-U-22-VI

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	0.1	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1			
60		0.1	0.2	0.4	0.7	1.0	1.3	1.5	1.5	1.3	1.0	0.7	0.4	0.2	0.1				
50	0.1	0.1	0.4	1.1	1.9	2.7	3.5	4.2	4.2	3.5	2.7	1.9	1.1	0.4	0.1	0.1			
40		0.2	0.9	2.0	3.4	5.3	8.1	9.7	9.7	8.1	5.3	3.4	2.0	0.9	0.2				
30	0.1	0.4	1.4	2.9	5.3	9.2	17.7	28.6	28.6	17.7	9.2	5.3	2.9	1.4	0.4	0.1			
20		0.6	1.9	4.0	8.1	20.0	104.7	264.8	264.8	104.7	20.0	8.1	4.0	1.9	0.6				
10	0.2	0.7	2.3	4.7	9.9	40.7	337.1	2077.2	2077.2	337.1	40.7	9.9	4.7	2.3	0.7	0.2			
0		0.9	2.5	5.0	10.3	46.4	370.9	2287.6	2287.6	370.9	46.4	10.3	5.0	2.5	0.9				
-10	0.3	0.9	2.6	4.9	9.7	27.8	166.5	401.2	401.2	166.5	27.8	9.7	4.9	2.6	0.9	0.3			
-20		0.9	2.5	4.7	8.2	14.2	34.4	64.6	64.6	34.4	14.2	8.2	4.7	2.5	0.9				
-30	0.3	0.8	2.4	4.3	6.8	10.0	14.2	16.7	16.7	14.2	10.0	6.8	4.3	2.4	0.8	0.3			
-40		0.7	2.0	3.9	5.9	7.8	9.9	11.0	11.0	9.9	7.8	5.9	3.9	2.0	0.7				
-50	0.2	0.6	1.6	3.3	5.2	6.8	8.4	9.1	9.1	8.4	6.8	5.2	3.3	1.6	0.6	0.2			
-60		0.5	1.2	2.4	4.0	5.5	6.9	7.6	7.6	6.9	5.5	4.0	2.4	1.2	0.5				
-70	0.1	1.8		5.0		9.2		11.1		9.2		5.0		1.8		0.1			
-80		1.8		5.0		9.2		11.1		9.2		5.0		1.8					
-90	0.1	1.8		5.0		9.2		11.1		9.2		5.0		1.8		0.1			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

REPORT NUMBER: P724045
CATALOG NUMBER: IFLD-S-SA3B-727-U-22-VI

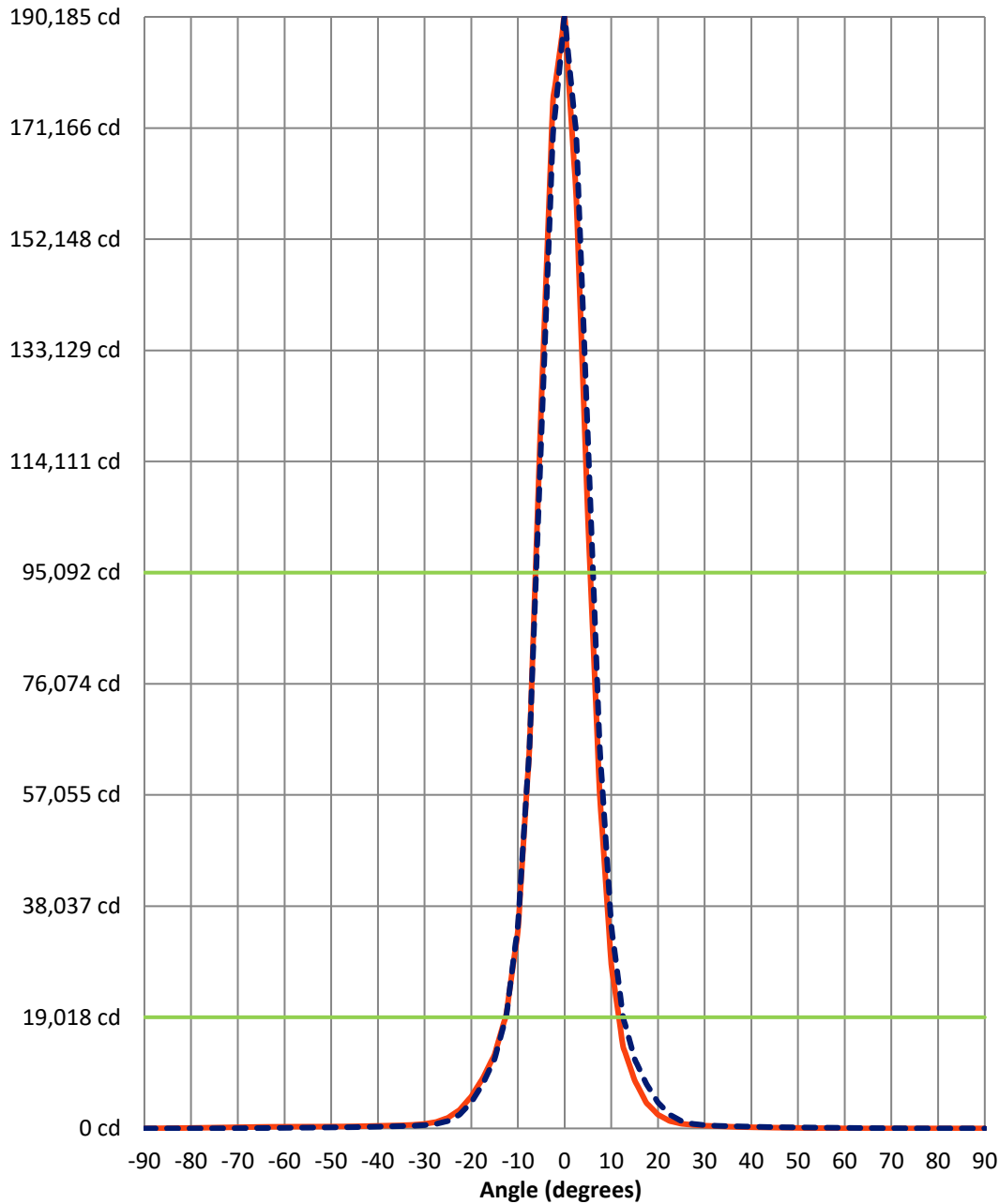
Luminous Intensity Polar Plot



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

REPORT NUMBER: P724045
CATALOG NUMBER: IFLD-S-SA3B-727-U-22-VI

Luminous Intensity Plot



Beam:
H Angle: 12.2°
V Angle: 11.7°
Lumens: 4156
Efficiency: 31.3%

Field:
H Angle: 25.1°
V Angle: 24.3°
Lumens: 9456.4
Efficiency: 71.2%

Spill:
Lumens: 3828.1
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	4.8	4.8
82.5°	0.0	0.0	0.0	0.0	2.4	2.4	2.4	2.4	4.8	4.8	4.8
80°	0.0	0.0	0.0	0.0	2.4	2.4	2.4	2.4	4.8	4.8	4.8
77.5°	0.0	0.0	0.0	0.0	2.4	2.4	2.4	2.4	2.4	2.4	4.8
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°	4.8	4.8	4.8	4.8	7.1	7.1	9.5	9.5	9.5	4.8	9.5
57.5°	38.1	38.1	35.7	33.3	30.9	28.6	28.6	28.6	28.6	28.6	23.8
55°	52.4	52.4	52.4	50.0	50.0	47.6	45.2	42.8	42.8	40.5	38.1
52.5°	61.9	61.9	61.9	61.9	59.5	59.5	59.5	57.1	52.4	52.4	50.0
50°	88.1	85.7	85.7	85.7	85.7	80.9	78.5	73.8	71.4	69.0	66.6
47.5°	114.2	114.2	111.9	111.9	109.5	104.7	100.0	95.2	90.4	88.1	83.3
45°	135.7	135.7	133.3	133.3	130.9	126.1	119.0	111.9	107.1	102.3	97.6
42.5°	166.6	164.2	161.8	159.5	154.7	147.6	138.0	128.5	121.4	114.2	109.5
40°	199.9	199.9	197.5	195.2	188.0	180.9	169.0	157.1	145.2	130.9	123.8
37.5°	240.4	242.8	245.1	245.1	240.4	230.9	214.2	199.9	180.9	161.8	152.3
35°	314.2	314.2	318.9	318.9	311.8	299.9	288.0	257.0	233.2	209.4	188.0
32.5°	395.1	397.5	387.9	380.8	371.3	357.0	335.6	309.4	283.2	252.3	228.5
30°	473.6	473.6	461.7	447.4	428.4	404.6	378.4	349.9	318.9	288.0	259.4
27.5°	597.4	585.5	575.9	552.2	518.8	473.6	440.3	395.1	354.6	318.9	288.0
25°	802.0	799.7	778.2	737.8	671.1	599.7	545.0	468.9	407.0	352.2	316.5
22.5°	1275.7	1259.0	1209.0	1109.1	952.0	828.2	716.4	597.4	485.5	411.7	354.6
20°	2358.5	2303.8	2170.5	1894.4	1542.2	1299.5	1021.0	821.1	633.1	495.0	409.4
17.5°	4400.5	4364.8	4314.9	3677.0	2960.7	2446.6	1820.7	1259.0	899.6	647.3	485.5
15°	8248.9	7984.8	7432.6	6668.6	5666.7	4379.1	3220.1	2032.5	1285.2	861.5	616.4
12.5°	14101.3	13808.5	12382.9	10471.8	8670.2	6837.6	4800.4	3089.2	1830.2	1094.8	730.6
10°	28097.8	25972.5	21981.3	16405.1	12804.2	9548.4	6740.0	4214.9	2382.3	1382.8	866.3
7.5°	57549.8	50605.1	38995.6	27529.0	17818.7	12523.3	8608.3	5512.0	3174.9	1730.2	990.1
5°	104306.4	91985.4	69299.6	41727.8	25874.9	15695.8	10214.8	6554.4	3758.0	2013.4	1113.8
2.5°	159269.2	143330.6	100189.1	57378.4	31905.7	18151.9	11338.1	7239.8	4129.2	2206.2	1209.0
0°	190184.9	169883.8	117988.8	65691.6	34778.3	19194.4	11887.9	7651.6	4443.4	2363.3	1270.9
-2.5°	175683.8	159340.6	108433.3	61022.1	33233.7	18737.4	11966.4	7753.9	4495.7	2406.1	1299.5
-5°	123822.1	110408.7	75028.2	45031.2	28197.7	17259.5	11290.5	7368.4	4350.6	2344.3	1287.6
-7.5°	65508.4	59439.5	44495.7	32357.9	20581.9	14608.2	10164.8	6685.3	3974.5	2177.7	1216.2
-10°	33845.4	32600.7	28093.0	21176.9	16654.9	12237.7	8674.9	5716.7	3322.4	1875.4	1094.8
-12.5°	19513.3	19301.5	17852.1	15324.6	12770.9	10052.9	7118.5	4662.3	2772.7	1554.1	923.4
-15°	12635.2	12725.6	12221.1	11169.1	9715.0	7523.0	5469.1	3467.6	2051.5	1259.0	813.9
-17.5°	8622.6	8598.8	8363.2	7642.0	6471.1	5081.2	3624.7	2449.0	1554.1	980.5	675.9
-20°	5454.9	5464.4	5245.4	4748.0	3886.5	3132.0	2256.2	1651.7	1101.9	771.1	597.4



REPORT NUMBER: P724045
 CATALOG NUMBER: IFLD-S-SA3B-727-U-22-VI

CANDELA DISTRIBUTION (continued):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
-22.5°	3165.3	3172.5	3034.4	2753.6	2301.4	1856.4	1466.1	1092.4	811.6	642.6	523.6
-25°	1818.3	1789.7	1735.0	1599.3	1387.5	1144.8	973.4	768.7	649.7	545.0	478.4
-27.5°	1101.9	1082.9	1054.3	994.8	911.5	790.1	711.6	621.2	552.2	490.3	449.8
-30°	768.7	775.9	752.1	721.1	683.0	628.3	585.5	542.6	497.4	459.3	421.3
-32.5°	611.6	616.4	604.5	592.6	573.6	552.2	526.0	495.0	459.3	423.6	387.9
-35°	526.0	528.4	528.4	526.0	521.2	504.6	485.5	457.0	423.6	390.3	359.4
-37.5°	483.1	485.5	485.5	483.1	476.0	461.7	442.7	418.9	387.9	357.0	333.2
-40°	437.9	440.3	437.9	433.2	426.0	411.7	397.5	378.4	354.6	328.4	307.0
-42.5°	395.1	392.7	390.3	385.6	378.4	368.9	357.0	342.7	326.1	307.0	290.4
-45°	354.6	354.6	352.2	349.9	345.1	338.0	330.8	318.9	307.0	292.7	278.5
-47.5°	333.2	333.2	330.8	328.4	326.1	321.3	314.2	304.6	295.1	283.2	271.3
-50°	318.9	318.9	318.9	316.5	314.2	309.4	302.3	295.1	285.6	273.7	261.8
-52.5°	309.4	309.4	309.4	307.0	304.6	302.3	295.1	285.6	273.7	264.2	254.7
-55°	304.6	302.3	302.3	299.9	297.5	295.1	285.6	276.1	266.6	257.0	247.5
-57.5°	297.5	295.1	295.1	292.7	290.4	288.0	278.5	268.9	259.4	247.5	240.4
-60°	290.4	288.0	288.0	283.2	280.8	278.5	268.9	259.4	249.9	240.4	230.9
-62.5°	280.8	278.5	276.1	273.7	268.9	264.2	257.0	247.5	235.6	226.1	216.6
-65°	259.4	257.0	254.7	252.3	249.9	247.5	240.4	228.5	219.0	209.4	199.9
-67.5°	233.2	233.2	233.2	228.5	226.1	221.3	216.6	207.1	197.5	188.0	180.9
-70°	202.3	202.3	202.3	197.5	195.2	192.8	185.6	178.5	171.4	164.2	154.7
-72.5°	171.4	169.0	169.0	166.6	161.8	159.5	154.7	149.9	142.8	138.0	130.9
-75°	140.4	138.0	138.0	135.7	133.3	130.9	126.1	123.8	119.0	114.2	107.1
-77.5°	111.9	111.9	111.9	109.5	107.1	104.7	102.3	100.0	97.6	92.8	88.1
-80°	85.7	85.7	85.7	85.7	85.7	85.7	85.7	83.3	78.5	76.2	73.8
-82.5°	61.9	64.3	64.3	64.3	64.3	64.3	64.3	64.3	61.9	59.5	57.1
-85°	40.5	42.8	42.8	45.2	47.6	47.6	50.0	47.6	45.2	40.5	38.1
-87.5°	21.4	21.4	21.4	21.4	21.4	21.4	21.4	19.0	19.0	19.0	16.7
-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: P724045
 CATALOG NUMBER: IFLD-S-SA3B-727-U-22-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°	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	4.8	4.8	4.8
85°	4.8	4.8	4.8	4.8	7.1	7.1	7.1	9.5	9.5	9.5	9.5
82.5°	4.8	7.1	7.1	7.1	9.5	9.5	11.9	14.3	19.0	21.4	21.4
80°	4.8	7.1	7.1	7.1	9.5	9.5	11.9	11.9	14.3	16.7	21.4
77.5°	4.8	4.8	7.1	7.1	7.1	9.5	9.5	11.9	11.9	14.3	16.7
75°	2.4	4.8	4.8	4.8	7.1	7.1	9.5	9.5	11.9	11.9	14.3
72.5°	2.4	4.8	4.8	4.8	7.1	7.1	9.5	9.5	9.5	11.9	11.9
70°	2.4	4.8	4.8	4.8	4.8	7.1	7.1	7.1	9.5	9.5	9.5
67.5°	2.4	2.4	2.4	4.8	4.8	4.8	4.8	7.1	7.1	7.1	9.5
65°	2.4	2.4	2.4	2.4	4.8	4.8	4.8	4.8	7.1	7.1	7.1
62.5°	2.4	2.4	2.4	4.8	4.8	4.8	4.8	4.8	7.1	7.1	7.1
60°	9.5	9.5	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1
57.5°	21.4	21.4	19.0	16.7	14.3	14.3	11.9	9.5	9.5	7.1	7.1
55°	35.7	33.3	30.9	26.2	23.8	21.4	19.0	14.3	11.9	9.5	7.1
52.5°	45.2	42.8	40.5	38.1	33.3	28.6	26.2	23.8	19.0	14.3	11.9
50°	66.6	59.5	54.7	50.0	45.2	40.5	35.7	33.3	26.2	21.4	16.7
47.5°	80.9	76.2	69.0	64.3	59.5	52.4	45.2	40.5	35.7	28.6	21.4
45°	92.8	88.1	80.9	76.2	71.4	64.3	57.1	50.0	45.2	38.1	28.6
42.5°	104.7	100.0	92.8	88.1	80.9	73.8	66.6	59.5	52.4	47.6	38.1
40°	121.4	114.2	104.7	100.0	95.2	85.7	76.2	69.0	61.9	54.7	45.2
37.5°	142.8	135.7	123.8	114.2	107.1	100.0	90.4	80.9	73.8	64.3	54.7
35°	176.1	164.2	147.6	133.3	123.8	114.2	102.3	92.8	83.3	73.8	64.3
32.5°	209.4	190.4	169.0	152.3	138.0	126.1	114.2	104.7	92.8	80.9	71.4
30°	235.6	214.2	192.8	169.0	152.3	138.0	126.1	114.2	102.3	90.4	78.5
27.5°	261.8	238.0	214.2	190.4	166.6	147.6	135.7	123.8	111.9	100.0	85.7
25°	288.0	261.8	238.0	211.8	183.3	161.8	145.2	135.7	123.8	109.5	92.8
22.5°	311.8	288.0	264.2	235.6	202.3	173.7	157.1	145.2	133.3	116.6	102.3
20°	357.0	326.1	297.5	261.8	223.7	195.2	173.7	157.1	142.8	126.1	109.5
17.5°	416.5	371.3	333.2	292.7	254.7	219.0	188.0	169.0	154.7	135.7	116.6
15°	492.7	414.1	366.5	326.1	280.8	240.4	207.1	180.9	161.8	142.8	126.1
12.5°	549.8	447.4	395.1	357.0	309.4	264.2	221.3	190.4	169.0	149.9	130.9
10°	614.0	483.1	418.9	376.0	326.1	276.1	230.9	197.5	173.7	157.1	138.0
7.5°	666.4	511.7	430.8	383.2	335.6	285.6	240.4	204.7	180.9	161.8	142.8
5°	714.0	535.5	440.3	385.6	340.3	292.7	245.1	209.4	185.6	166.6	147.6
2.5°	747.3	556.9	449.8	390.3	345.1	297.5	252.3	214.2	190.4	171.4	152.3
0°	775.9	564.1	447.4	390.3	347.5	297.5	254.7	216.6	192.8	173.7	154.7
-2.5°	785.4	575.9	459.3	395.1	352.2	302.3	259.4	219.0	195.2	176.1	159.5
-5°	785.4	566.4	459.3	399.8	354.6	304.6	259.4	221.3	197.5	178.5	159.5
-7.5°	756.8	552.2	457.0	404.6	357.0	307.0	259.4	223.7	199.9	180.9	161.8
-10°	706.8	530.7	454.6	407.0	357.0	304.6	259.4	223.7	199.9	180.9	164.2
-12.5°	625.9	502.2	442.7	402.2	352.2	299.9	257.0	223.7	199.9	183.3	164.2
-15°	585.5	478.4	428.4	387.9	340.3	292.7	252.3	221.3	199.9	183.3	166.6
-17.5°	530.7	459.3	414.1	373.7	330.8	285.6	247.5	221.3	199.9	180.9	166.6
-20°	492.7	437.9	397.5	361.8	318.9	278.5	245.1	219.0	199.9	180.9	166.6



REPORT NUMBER: P724045

CATALOG NUMBER: IFLD-S-SA3B-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°	459.3	414.1	378.4	342.7	304.6	268.9	240.4	216.6	197.5	180.9	166.6
-25°	433.2	392.7	359.4	326.1	292.7	261.8	235.6	214.2	195.2	180.9	164.2
-27.5°	409.4	371.3	340.3	309.4	278.5	254.7	230.9	211.8	195.2	178.5	161.8
-30°	383.2	352.2	321.3	292.7	271.3	247.5	226.1	207.1	192.8	176.1	159.5
-32.5°	357.0	328.4	302.3	280.8	261.8	242.8	223.7	204.7	188.0	171.4	154.7
-35°	333.2	307.0	288.0	268.9	254.7	238.0	219.0	199.9	185.6	169.0	154.7
-37.5°	309.4	290.4	273.7	259.4	245.1	230.9	211.8	195.2	180.9	164.2	147.6
-40°	290.4	276.1	264.2	252.3	238.0	221.3	207.1	190.4	176.1	159.5	140.4
-42.5°	278.5	266.6	254.7	242.8	230.9	216.6	202.3	185.6	171.4	154.7	135.7
-45°	266.6	257.0	247.5	238.0	226.1	211.8	195.2	178.5	164.2	147.6	133.3
-47.5°	259.4	249.9	240.4	233.2	223.7	204.7	190.4	173.7	157.1	142.8	126.1
-50°	252.3	242.8	235.6	226.1	214.2	197.5	183.3	166.6	152.3	135.7	121.4
-52.5°	245.1	235.6	226.1	216.6	204.7	190.4	176.1	161.8	145.2	128.5	114.2
-55°	238.0	228.5	219.0	209.4	197.5	185.6	171.4	152.3	135.7	119.0	104.7
-57.5°	230.9	223.7	211.8	199.9	188.0	176.1	159.5	142.8	126.1	109.5	97.6
-60°	221.3	211.8	202.3	188.0	176.1	161.8	147.6	133.3	116.6	102.3	90.4
-62.5°	207.1	197.5	188.0	173.7	161.8	149.9	138.0	121.4	109.5	95.2	83.3
-65°	190.4	180.9	171.4	159.5	147.6	135.7	126.1	111.9	100.0	88.1	78.5
-67.5°	171.4	161.8	154.7	142.8	133.3	121.4	111.9	100.0	88.1	78.5	69.0
-70°	147.6	140.4	133.3	123.8	114.2	104.7	95.2	85.7	76.2	69.0	59.5
-72.5°	126.1	119.0	111.9	104.7	97.6	88.1	80.9	73.8	66.6	59.5	54.7
-75°	102.3	97.6	92.8	88.1	80.9	73.8	69.0	61.9	57.1	52.4	50.0
-77.5°	85.7	80.9	76.2	71.4	66.6	61.9	57.1	52.4	50.0	47.6	45.2
-80°	69.0	66.6	64.3	59.5	57.1	52.4	50.0	45.2	45.2	45.2	45.2
-82.5°	54.7	52.4	50.0	47.6	45.2	42.8	42.8	40.5	42.8	42.8	40.5
-85°	38.1	35.7	33.3	33.3	30.9	30.9	28.6	28.6	28.6	26.2	26.2
-87.5°	16.7	16.7	16.7	16.7	14.3	14.3	14.3	14.3	14.3	11.9	11.9
-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: P724045
 CATALOG NUMBER: IFLD-S-SA3B-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°	4.8	4.8	2.4	2.4	2.4	2.4	2.4	2.4	2.4	0.0	0.0
85°	9.5	9.5	7.1	7.1	7.1	4.8	4.8	2.4	2.4	2.4	2.4
82.5°	21.4	19.0	16.7	14.3	11.9	9.5	7.1	4.8	4.8	2.4	2.4
80°	26.2	26.2	26.2	23.8	19.0	14.3	9.5	7.1	4.8	2.4	2.4
77.5°	19.0	19.0	21.4	23.8	23.8	19.0	11.9	7.1	4.8	4.8	2.4
75°	14.3	14.3	14.3	16.7	19.0	19.0	14.3	9.5	4.8	4.8	2.4
72.5°	14.3	14.3	14.3	14.3	14.3	14.3	14.3	9.5	7.1	4.8	4.8
70°	11.9	11.9	11.9	11.9	11.9	11.9	11.9	9.5	7.1	4.8	4.8
67.5°	9.5	9.5	11.9	11.9	11.9	9.5	9.5	9.5	7.1	4.8	4.8
65°	7.1	9.5	9.5	11.9	9.5	9.5	9.5	7.1	7.1	4.8	4.8
62.5°	7.1	7.1	9.5	9.5	9.5	9.5	7.1	7.1	7.1	4.8	4.8
60°	7.1	7.1	7.1	9.5	7.1	7.1	7.1	7.1	7.1	4.8	4.8
57.5°	7.1	7.1	7.1	7.1	7.1	7.1	7.1	4.8	4.8	4.8	4.8
55°	7.1	7.1	7.1	7.1	7.1	7.1	4.8	4.8	4.8	4.8	4.8
52.5°	9.5	7.1	7.1	7.1	7.1	7.1	4.8	4.8	4.8	4.8	4.8
50°	11.9	7.1	7.1	7.1	7.1	4.8	4.8	4.8	4.8	4.8	4.8
47.5°	16.7	11.9	9.5	7.1	7.1	4.8	4.8	4.8	4.8	4.8	2.4
45°	23.8	16.7	11.9	9.5	7.1	4.8	4.8	4.8	4.8	4.8	2.4
42.5°	28.6	21.4	14.3	11.9	9.5	7.1	4.8	4.8	4.8	2.4	2.4
40°	35.7	28.6	19.0	14.3	9.5	7.1	4.8	4.8	4.8	2.4	2.4
37.5°	45.2	35.7	23.8	16.7	11.9	7.1	7.1	4.8	4.8	2.4	2.4
35°	52.4	40.5	30.9	19.0	14.3	9.5	7.1	4.8	4.8	2.4	2.4
32.5°	59.5	47.6	38.1	23.8	16.7	11.9	9.5	4.8	4.8	2.4	2.4
30°	66.6	54.7	42.8	30.9	21.4	14.3	9.5	4.8	4.8	2.4	2.4
27.5°	73.8	59.5	47.6	35.7	23.8	16.7	11.9	7.1	4.8	2.4	2.4
25°	80.9	66.6	52.4	40.5	26.2	19.0	11.9	7.1	4.8	4.8	2.4
22.5°	85.7	73.8	59.5	45.2	30.9	21.4	14.3	9.5	4.8	4.8	2.4
20°	92.8	80.9	64.3	50.0	35.7	23.8	14.3	9.5	4.8	4.8	2.4
17.5°	100.0	85.7	69.0	54.7	40.5	26.2	16.7	11.9	4.8	4.8	2.4
15°	107.1	90.4	73.8	57.1	42.8	28.6	16.7	11.9	4.8	4.8	2.4
12.5°	114.2	97.6	78.5	61.9	45.2	30.9	19.0	14.3	7.1	4.8	2.4
10°	119.0	102.3	83.3	64.3	47.6	35.7	21.4	14.3	7.1	4.8	2.4
7.5°	126.1	107.1	88.1	69.0	50.0	38.1	23.8	14.3	7.1	4.8	2.4
5°	128.5	111.9	90.4	73.8	52.4	40.5	26.2	16.7	7.1	4.8	2.4
2.5°	130.9	116.6	92.8	76.2	54.7	40.5	26.2	16.7	9.5	4.8	2.4
0°	133.3	119.0	95.2	78.5	57.1	42.8	28.6	16.7	9.5	4.8	2.4
-2.5°	135.7	121.4	100.0	80.9	59.5	45.2	30.9	16.7	9.5	4.8	2.4
-5°	138.0	121.4	104.7	83.3	61.9	45.2	30.9	19.0	11.9	4.8	2.4
-7.5°	140.4	123.8	107.1	85.7	64.3	45.2	33.3	19.0	11.9	7.1	2.4
-10°	142.8	126.1	109.5	88.1	64.3	47.6	33.3	19.0	11.9	7.1	2.4
-12.5°	145.2	128.5	109.5	88.1	66.6	47.6	33.3	21.4	11.9	7.1	2.4
-15°	147.6	128.5	109.5	88.1	66.6	50.0	35.7	21.4	11.9	7.1	4.8
-17.5°	147.6	128.5	109.5	90.4	66.6	50.0	35.7	21.4	11.9	7.1	4.8
-20°	147.6	128.5	109.5	90.4	66.6	50.0	35.7	21.4	11.9	7.1	4.8



REPORT NUMBER: P724045

CATALOG NUMBER: IFLD-S-SA3B-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°	145.2	126.1	109.5	88.1	66.6	50.0	35.7	21.4	14.3	7.1	4.8
-25°	145.2	126.1	109.5	88.1	66.6	50.0	33.3	21.4	14.3	7.1	4.8
-27.5°	142.8	126.1	107.1	85.7	64.3	47.6	33.3	21.4	14.3	7.1	4.8
-30°	140.4	123.8	104.7	83.3	64.3	47.6	33.3	21.4	14.3	7.1	4.8
-32.5°	138.0	119.0	102.3	80.9	61.9	45.2	33.3	21.4	14.3	7.1	4.8
-35°	133.3	116.6	97.6	78.5	59.5	45.2	30.9	21.4	14.3	9.5	4.8
-37.5°	128.5	111.9	95.2	76.2	57.1	42.8	30.9	21.4	14.3	9.5	4.8
-40°	123.8	109.5	90.4	71.4	54.7	40.5	30.9	21.4	14.3	9.5	7.1
-42.5°	119.0	104.7	88.1	69.0	54.7	40.5	28.6	21.4	14.3	9.5	7.1
-45°	116.6	102.3	83.3	66.6	52.4	40.5	28.6	19.0	14.3	9.5	7.1
-47.5°	111.9	95.2	78.5	64.3	50.0	38.1	26.2	19.0	14.3	9.5	7.1
-50°	104.7	90.4	76.2	61.9	47.6	35.7	26.2	19.0	14.3	9.5	7.1
-52.5°	97.6	83.3	71.4	57.1	45.2	35.7	26.2	19.0	14.3	9.5	7.1
-55°	90.4	78.5	66.6	54.7	42.8	33.3	23.8	19.0	14.3	9.5	7.1
-57.5°	85.7	73.8	61.9	50.0	40.5	30.9	23.8	16.7	11.9	9.5	7.1
-60°	80.9	69.0	57.1	47.6	38.1	30.9	23.8	16.7	11.9	9.5	4.8
-62.5°	73.8	64.3	52.4	45.2	35.7	28.6	21.4	16.7	11.9	9.5	4.8
-65°	66.6	57.1	47.6	40.5	33.3	26.2	21.4	16.7	11.9	9.5	4.8
-67.5°	59.5	52.4	45.2	38.1	30.9	26.2	21.4	16.7	11.9	7.1	4.8
-70°	54.7	47.6	40.5	35.7	30.9	23.8	21.4	16.7	11.9	7.1	4.8
-72.5°	47.6	42.8	38.1	33.3	28.6	26.2	21.4	16.7	9.5	7.1	4.8
-75°	45.2	40.5	35.7	33.3	30.9	26.2	21.4	14.3	9.5	7.1	4.8
-77.5°	45.2	40.5	38.1	35.7	30.9	26.2	19.0	11.9	7.1	7.1	4.8
-80°	45.2	42.8	40.5	33.3	28.6	21.4	14.3	11.9	7.1	4.8	2.4
-82.5°	40.5	33.3	28.6	23.8	21.4	16.7	11.9	9.5	4.8	4.8	2.4
-85°	26.2	21.4	19.0	16.7	14.3	11.9	7.1	4.8	4.8	2.4	2.4
-87.5°	11.9	11.9	9.5	7.1	7.1	4.8	4.8	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: P724045
 CATALOG NUMBER: IFLD-S-SA3B-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°	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: P724045
CATALOG NUMBER: IFLD-S-SA3B-727-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)