

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: P724044

Luminaire Tested: **IFLD-S-SA3A-727-U-22-VI**

Issue Date: 01/11/2023

Test Information

Test Method: LM-79-2019
Report Number: P724044
Test Lab: INNOVATION CENTER(G2)
Issue Date: 01/11/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA3A-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

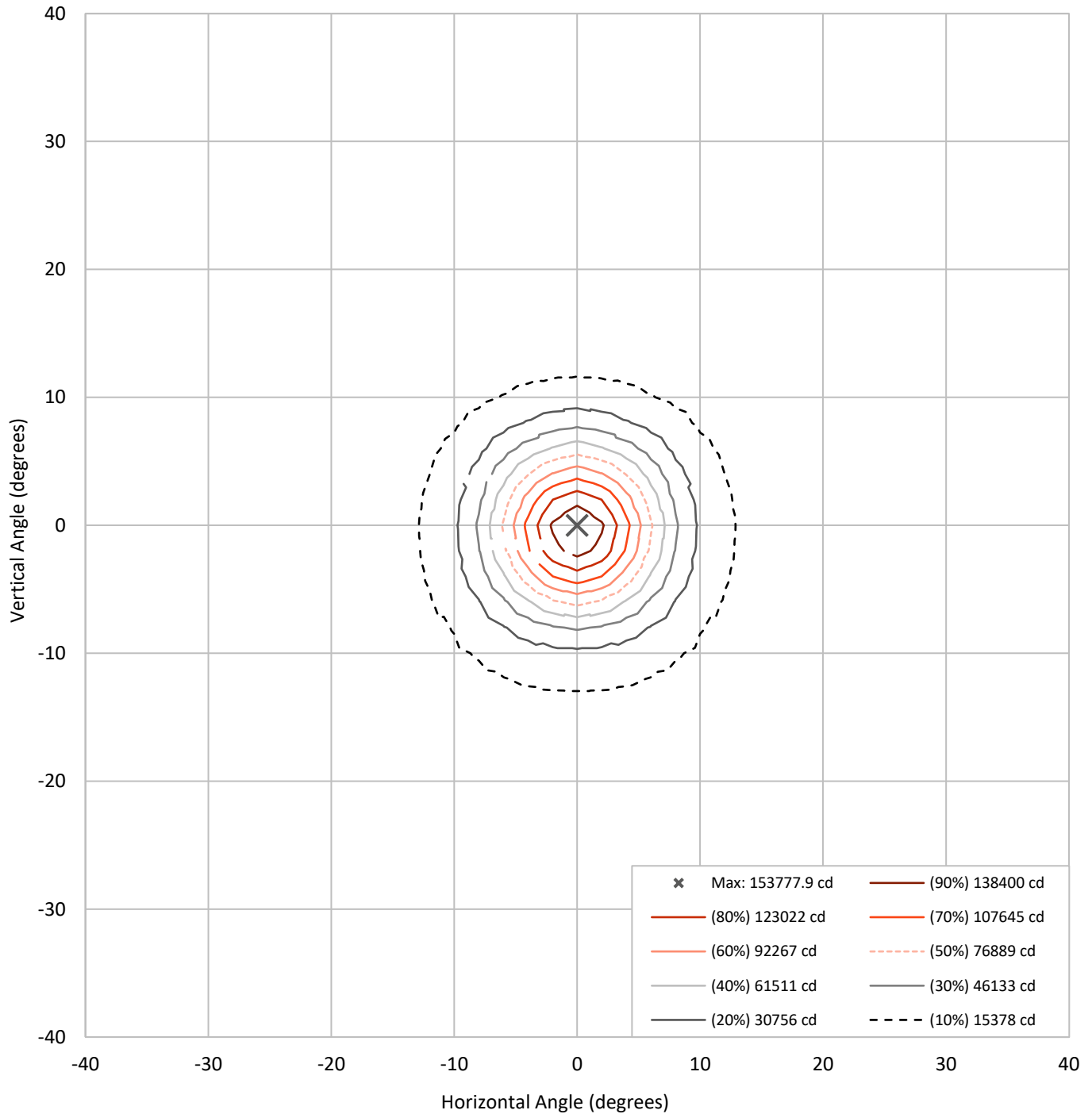
Lumens per Lamp:	N/A	NEMA Type:	2H x 2V
Luminaire Lumens:	10741.4 lumens	Max Intensity:	153777.9 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	113.3 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	12.2°H x 11.7°V	Field Angle (10%):	25.1°H x 24.3°V
Beam Lumens:	3360.4 lumens	Field Lumens:	7646.2 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





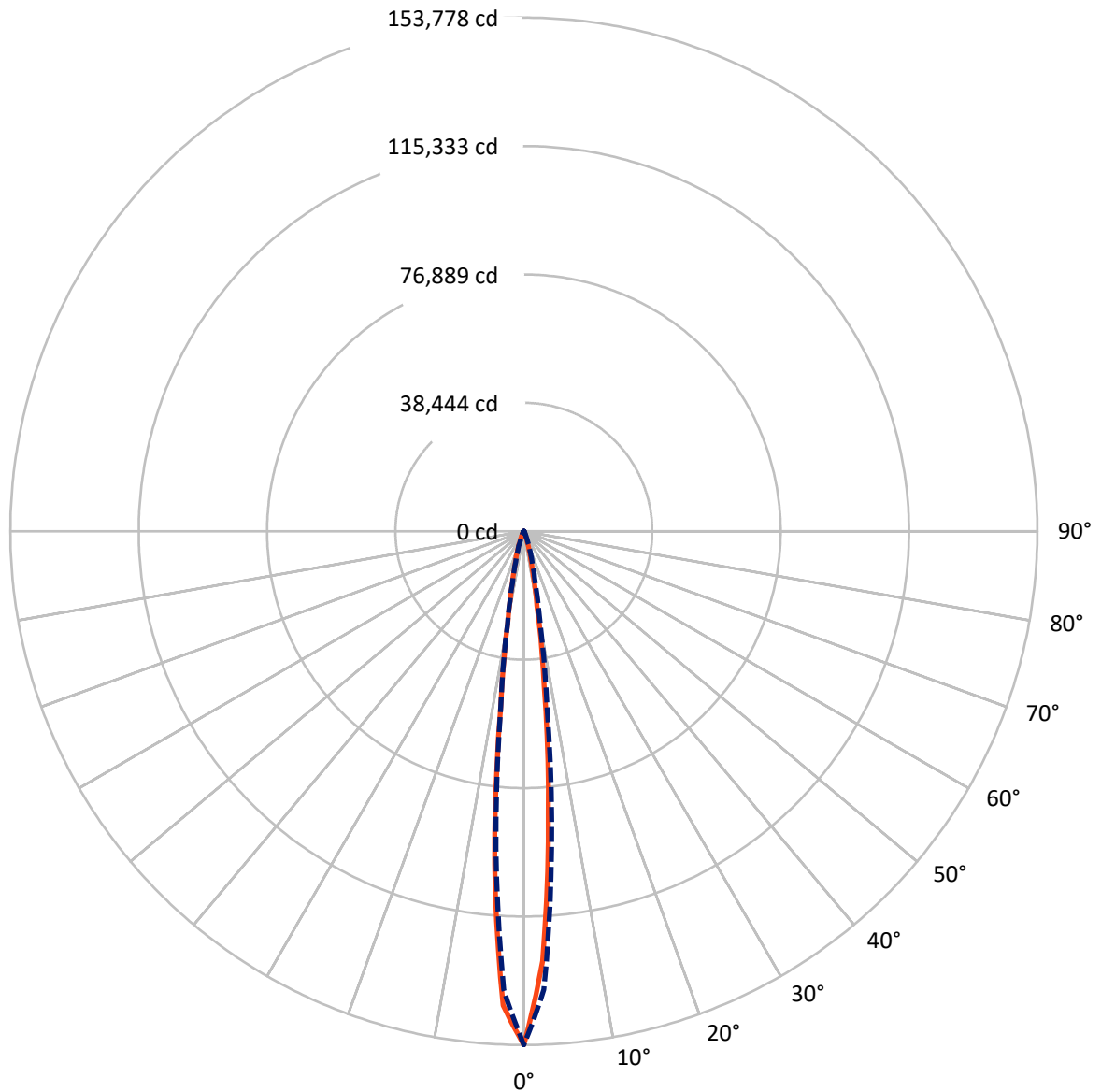
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Lumen Table

90	0.1	0.6	0.5	0.2	0.0	0.2	0.5	0.6	0.1										
80	0.1	0.6	0.5	0.2	0.0	0.2	0.5	0.6	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			
60		0.1	0.1	0.3	0.6	0.8	1.0	1.2	1.2	1.0	0.8	0.6	0.3	0.1	0.1				
50	0.1	0.1	0.3	0.9	1.5	2.2	2.9	3.4	3.4	2.9	2.2	1.5	0.9	0.3	0.1	0.1			
40		0.2	0.7	1.6	2.7	4.3	6.5	7.8	7.8	6.5	4.3	2.7	1.6	0.7	0.2				
30	0.1	0.3	1.1	2.4	4.3	7.4	14.3	23.1	23.1	14.3	7.4	4.3	2.4	1.1	0.3	0.1			
20		0.5	1.5	3.2	6.5	16.2	84.6	214.1	214.1	84.6	16.2	6.5	3.2	1.5	0.5				
10	0.2	0.6	1.8	3.8	8.0	32.9	272.6	1679.6	1679.6	272.6	32.9	8.0	3.8	1.8	0.6	0.2			
0		0.7	2.0	4.0	8.3	37.5	299.9	1849.7	1849.7	299.9	37.5	8.3	4.0	2.0	0.7				
-10	0.2	0.7	2.1	4.0	7.8	22.5	134.6	324.4	324.4	134.6	22.5	7.8	4.0	2.1	0.7	0.2			
-20		0.7	2.1	3.8	6.6	11.4	27.8	52.3	52.3	27.8	11.4	6.6	3.8	2.1	0.7				
-30	0.2	0.7	1.9	3.5	5.5	8.1	11.5	13.5	13.5	11.5	8.1	5.5	3.5	1.9	0.7	0.2			
-40		0.6	1.7	3.1	4.8	6.3	8.0	8.9	8.9	8.0	6.3	4.8	3.1	1.7	0.6				
-50	0.2	0.5	1.3	2.7	4.2	5.5	6.8	7.4	7.4	6.8	5.5	4.2	2.7	1.3	0.5	0.2			
-60		0.4	1.0	1.9	3.2	4.4	5.5	6.2	6.2	5.5	4.4	3.2	1.9	1.0	0.4				
-70	0.1	1.5	4.0	7.4	9.0	7.4	4.0	1.5	0.1							0.1			
-80		1.5	4.0	7.4	9.0	7.4	4.0	1.5	0.1										
-90	0.1	1.5	4.0	7.4	9.0	7.4	4.0	1.5	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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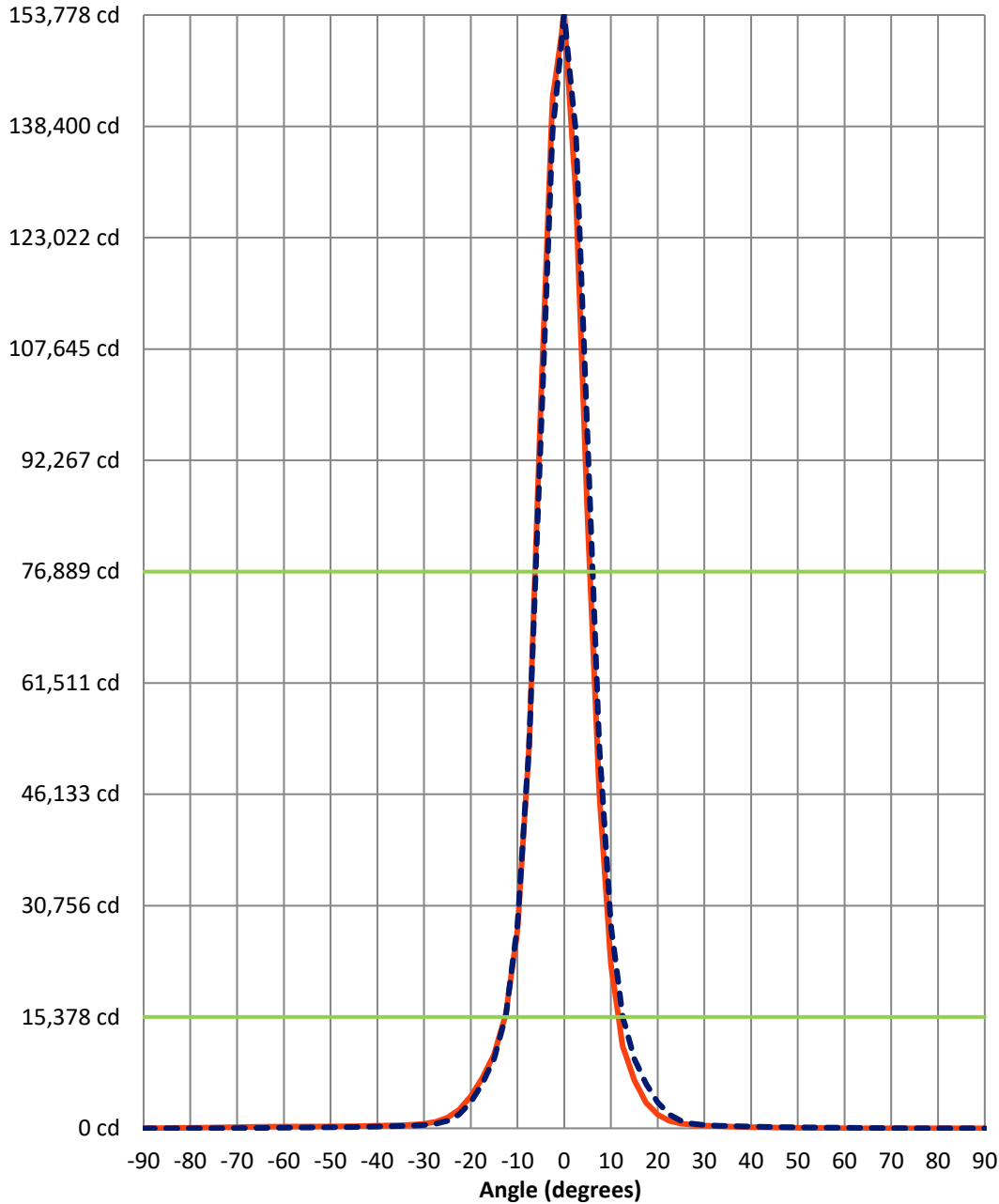
Luminous Intensity Polar Plot



— 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: 3360.4
 Efficiency: 31.3%

Field:
 H Angle: 25.1°
 V Angle: 24.3°
 Lumens: 7646.2
 Efficiency: 71.2%

Spill:
 Lumens: 3095.3
 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	1.9	1.9
85°	0.0	0.0	0.0	0.0	1.9	1.9	1.9	1.9	1.9	3.8	3.8
82.5°	0.0	0.0	0.0	0.0	1.9	1.9	1.9	1.9	3.8	3.8	3.8
80°	0.0	0.0	0.0	0.0	1.9	1.9	1.9	1.9	3.8	3.8	3.8
77.5°	0.0	0.0	0.0	0.0	1.9	1.9	1.9	1.9	1.9	1.9	3.8
75°	0.0	0.0	0.0	0.0	1.9	1.9	1.9	1.9	1.9	1.9	1.9
72.5°	0.0	0.0	0.0	0.0	1.9	1.9	1.9	1.9	1.9	1.9	1.9
70°	0.0	0.0	0.0	0.0	1.9	1.9	1.9	1.9	1.9	1.9	1.9
67.5°	0.0	0.0	0.0	0.0	1.9	1.9	1.9	1.9	1.9	1.9	1.9
65°	0.0	0.0	0.0	0.0	1.9	1.9	1.9	1.9	1.9	1.9	1.9
62.5°	0.0	0.0	0.0	0.0	1.9	1.9	1.9	1.9	1.9	1.9	1.9
60°	3.8	3.8	3.8	3.8	5.8	5.8	7.7	7.7	7.7	3.8	7.7
57.5°	30.8	30.8	28.9	26.9	25.0	23.1	23.1	23.1	23.1	23.1	19.2
55°	42.3	42.3	42.3	40.4	40.4	38.5	36.6	34.6	34.6	32.7	30.8
52.5°	50.0	50.0	50.0	50.0	48.1	48.1	48.1	46.2	42.3	42.3	40.4
50°	71.2	69.3	69.3	69.3	69.3	65.4	63.5	59.7	57.7	55.8	53.9
47.5°	92.4	92.4	90.4	90.4	88.5	84.7	80.8	77.0	73.1	71.2	67.4
45°	109.7	109.7	107.8	107.8	105.8	102.0	96.2	90.4	86.6	82.7	78.9
42.5°	134.7	132.8	130.9	128.9	125.1	119.3	111.6	103.9	98.1	92.4	88.5
40°	161.6	161.6	159.7	157.8	152.0	146.3	136.6	127.0	117.4	105.8	100.1
37.5°	194.4	196.3	198.2	198.2	194.4	186.7	173.2	161.6	146.3	130.9	123.2
35°	254.0	254.0	257.9	257.9	252.1	242.5	232.8	207.8	188.6	169.3	152.0
32.5°	319.4	321.4	313.7	307.9	300.2	288.7	271.3	250.2	229.0	204.0	184.7
30°	382.9	382.9	373.3	361.8	346.4	327.1	306.0	282.9	257.9	232.8	209.8
27.5°	483.0	473.4	465.7	446.5	419.5	382.9	356.0	319.4	286.7	257.9	232.8
25°	648.5	646.6	629.3	596.6	542.7	484.9	440.7	379.1	329.1	284.8	255.9
22.5°	1031.5	1018.0	977.6	896.8	769.7	669.7	579.2	483.0	392.6	332.9	286.7
20°	1907.0	1862.8	1755.0	1531.8	1247.0	1050.7	825.6	663.9	511.9	400.3	331.0
17.5°	3558.1	3529.3	3488.9	2973.1	2393.9	1978.2	1472.1	1018.0	727.4	523.4	392.6
15°	6669.8	6456.2	6009.8	5392.1	4581.9	3540.8	2603.7	1643.4	1039.2	696.6	498.4
12.5°	11401.9	11165.2	10012.5	8467.2	7010.5	5528.7	3881.4	2497.8	1479.8	885.2	590.8
10°	22719.0	21000.6	17773.4	13264.6	10353.1	7720.5	5449.8	3408.0	1926.3	1118.1	700.5
7.5°	46533.0	40917.8	31530.7	22259.1	14407.7	10126.0	6960.4	4456.8	2567.1	1399.0	800.5
5°	84339.1	74376.7	56033.6	33739.9	20921.7	12691.2	8259.4	5299.7	3038.6	1628.0	900.6
2.5°	128780.4	115892.9	81010.0	46394.5	25798.0	14677.1	9167.7	5853.9	3338.8	1783.9	977.6
0°	153777.9	137363.0	95402.3	53116.3	28120.7	15520.0	9612.2	6186.8	3592.8	1910.9	1027.6
-2.5°	142052.7	128838.1	87676.0	49340.7	26871.8	15150.5	9675.7	6269.6	3635.1	1945.5	1050.7
-5°	100118.9	89273.2	60665.6	36410.9	22799.9	13955.5	9129.2	5957.8	3517.7	1895.5	1041.1
-7.5°	52968.1	48061.0	35977.9	26163.7	16641.9	11811.7	8219.0	5405.5	3213.7	1760.8	983.4
-10°	27366.4	26359.9	22715.2	17123.0	13466.7	9895.1	7014.3	4622.3	2686.4	1516.4	885.2
-12.5°	15777.9	15606.6	14434.7	12391.0	10326.1	8128.5	5755.8	3769.8	2241.9	1256.6	746.7
-15°	10216.4	10289.6	9881.6	9031.0	7855.3	6082.9	4422.2	2803.8	1658.8	1018.0	658.1
-17.5°	6972.0	6952.7	6762.2	6179.1	5232.3	4108.5	2930.8	1980.2	1256.6	792.8	546.5
-20°	4410.6	4418.3	4241.3	3839.1	3142.5	2532.5	1824.3	1335.5	891.0	623.5	483.0



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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°	2559.4	2565.2	2453.6	2226.5	1860.9	1501.0	1185.4	883.3	656.2	519.6	423.4
-25°	1470.2	1447.1	1402.9	1293.2	1121.9	925.6	787.1	621.6	525.4	440.7	386.8
-27.5°	891.0	875.6	852.5	804.4	737.0	638.9	575.4	502.3	446.5	396.4	363.7
-30°	621.6	627.3	608.1	583.1	552.3	508.0	473.4	438.8	402.2	371.4	340.6
-32.5°	494.6	498.4	488.8	479.2	463.8	446.5	425.3	400.3	371.4	342.5	313.7
-35°	425.3	427.2	427.2	425.3	421.4	408.0	392.6	369.5	342.5	315.6	290.6
-37.5°	390.6	392.6	392.6	390.6	384.9	373.3	357.9	338.7	313.7	288.7	269.4
-40°	354.1	356.0	354.1	350.2	344.5	332.9	321.4	306.0	286.7	265.6	248.2
-42.5°	319.4	317.5	315.6	311.7	306.0	298.3	288.7	277.1	263.6	248.2	234.8
-45°	286.7	286.7	284.8	282.9	279.0	273.3	267.5	257.9	248.2	236.7	225.2
-47.5°	269.4	269.4	267.5	265.6	263.6	259.8	254.0	246.3	238.6	229.0	219.4
-50°	257.9	257.9	257.9	255.9	254.0	250.2	244.4	238.6	230.9	221.3	211.7
-52.5°	250.2	250.2	250.2	248.2	246.3	244.4	238.6	230.9	221.3	213.6	205.9
-55°	246.3	244.4	244.4	242.5	240.5	238.6	230.9	223.2	215.5	207.8	200.1
-57.5°	240.5	238.6	238.6	236.7	234.8	232.8	225.2	217.5	209.8	200.1	194.4
-60°	234.8	232.8	232.8	229.0	227.1	225.2	217.5	209.8	202.1	194.4	186.7
-62.5°	227.1	225.2	223.2	221.3	217.5	213.6	207.8	200.1	190.5	182.8	175.1
-65°	209.8	207.8	205.9	204.0	202.1	200.1	194.4	184.7	177.0	169.3	161.6
-67.5°	188.6	188.6	188.6	184.7	182.8	179.0	175.1	167.4	159.7	152.0	146.3
-70°	163.6	163.6	163.6	159.7	157.8	155.9	150.1	144.3	138.6	132.8	125.1
-72.5°	138.6	136.6	136.6	134.7	130.9	128.9	125.1	121.2	115.5	111.6	105.8
-75°	113.5	111.6	111.6	109.7	107.8	105.8	102.0	100.1	96.2	92.4	86.6
-77.5°	90.4	90.4	90.4	88.5	86.6	84.7	82.7	80.8	78.9	75.1	71.2
-80°	69.3	69.3	69.3	69.3	69.3	69.3	69.3	67.4	63.5	61.6	59.7
-82.5°	50.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	50.0	48.1	46.2
-85°	32.7	34.6	34.6	36.6	38.5	38.5	40.4	38.5	36.6	32.7	30.8
-87.5°	17.3	17.3	17.3	17.3	17.3	17.3	17.3	15.4	15.4	15.4	13.5
-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°	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	3.8	3.8	3.8
85°	3.8	3.8	3.8	3.8	5.8	5.8	5.8	7.7	7.7	7.7	7.7
82.5°	3.8	5.8	5.8	5.8	7.7	7.7	9.6	11.5	15.4	17.3	17.3
80°	3.8	5.8	5.8	5.8	7.7	7.7	9.6	9.6	11.5	13.5	17.3
77.5°	3.8	3.8	5.8	5.8	5.8	7.7	7.7	9.6	9.6	11.5	13.5
75°	1.9	3.8	3.8	3.8	5.8	5.8	7.7	7.7	9.6	9.6	11.5
72.5°	1.9	3.8	3.8	3.8	5.8	5.8	7.7	7.7	7.7	9.6	9.6
70°	1.9	3.8	3.8	3.8	3.8	5.8	5.8	5.8	7.7	7.7	7.7
67.5°	1.9	1.9	1.9	3.8	3.8	3.8	3.8	5.8	5.8	5.8	7.7
65°	1.9	1.9	1.9	1.9	3.8	3.8	3.8	3.8	5.8	5.8	5.8
62.5°	1.9	1.9	1.9	3.8	3.8	3.8	3.8	3.8	5.8	5.8	5.8
60°	7.7	7.7	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
57.5°	17.3	17.3	15.4	13.5	11.5	11.5	9.6	7.7	7.7	5.8	5.8
55°	28.9	26.9	25.0	21.2	19.2	17.3	15.4	11.5	9.6	7.7	5.8
52.5°	36.6	34.6	32.7	30.8	26.9	23.1	21.2	19.2	15.4	11.5	9.6
50°	53.9	48.1	44.3	40.4	36.6	32.7	28.9	26.9	21.2	17.3	13.5
47.5°	65.4	61.6	55.8	52.0	48.1	42.3	36.6	32.7	28.9	23.1	17.3
45°	75.1	71.2	65.4	61.6	57.7	52.0	46.2	40.4	36.6	30.8	23.1
42.5°	84.7	80.8	75.1	71.2	65.4	59.7	53.9	48.1	42.3	38.5	30.8
40°	98.1	92.4	84.7	80.8	77.0	69.3	61.6	55.8	50.0	44.3	36.6
37.5°	115.5	109.7	100.1	92.4	86.6	80.8	73.1	65.4	59.7	52.0	44.3
35°	142.4	132.8	119.3	107.8	100.1	92.4	82.7	75.1	67.4	59.7	52.0
32.5°	169.3	153.9	136.6	123.2	111.6	102.0	92.4	84.7	75.1	65.4	57.7
30°	190.5	173.2	155.9	136.6	123.2	111.6	102.0	92.4	82.7	73.1	63.5
27.5°	211.7	192.4	173.2	153.9	134.7	119.3	109.7	100.1	90.4	80.8	69.3
25°	232.8	211.7	192.4	171.3	148.2	130.9	117.4	109.7	100.1	88.5	75.1
22.5°	252.1	232.8	213.6	190.5	163.6	140.5	127.0	117.4	107.8	94.3	82.7
20°	288.7	263.6	240.5	211.7	180.9	157.8	140.5	127.0	115.5	102.0	88.5
17.5°	336.8	300.2	269.4	236.7	205.9	177.0	152.0	136.6	125.1	109.7	94.3
15°	398.3	334.8	296.4	263.6	227.1	194.4	167.4	146.3	130.9	115.5	102.0
12.5°	444.5	361.8	319.4	288.7	250.2	213.6	179.0	153.9	136.6	121.2	105.8
10°	496.5	390.6	338.7	304.0	263.6	223.2	186.7	159.7	140.5	127.0	111.6
7.5°	538.8	413.7	348.3	309.8	271.3	230.9	194.4	165.5	146.3	130.9	115.5
5°	577.3	433.0	356.0	311.7	275.2	236.7	198.2	169.3	150.1	134.7	119.3
2.5°	604.3	450.3	363.7	315.6	279.0	240.5	204.0	173.2	153.9	138.6	123.2
0°	627.3	456.1	361.8	315.6	281.0	240.5	205.9	175.1	155.9	140.5	125.1
-2.5°	635.0	465.7	371.4	319.4	284.8	244.4	209.8	177.0	157.8	142.4	128.9
-5°	635.0	458.0	371.4	323.3	286.7	246.3	209.8	179.0	159.7	144.3	128.9
-7.5°	611.9	446.5	369.5	327.1	288.7	248.2	209.8	180.9	161.6	146.3	130.9
-10°	571.5	429.1	367.6	329.1	288.7	246.3	209.8	180.9	161.6	146.3	132.8
-12.5°	506.1	406.0	357.9	325.2	284.8	242.5	207.8	180.9	161.6	148.2	132.8
-15°	473.4	386.8	346.4	313.7	275.2	236.7	204.0	179.0	161.6	148.2	134.7
-17.5°	429.1	371.4	334.8	302.1	267.5	230.9	200.1	179.0	161.6	146.3	134.7
-20°	398.3	354.1	321.4	292.5	257.9	225.2	198.2	177.0	161.6	146.3	134.7



REPORT NUMBER: P724044

CATALOG NUMBER: IFLD-S-SA3A-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°	371.4	334.8	306.0	277.1	246.3	217.5	194.4	175.1	159.7	146.3	134.7
-25°	350.2	317.5	290.6	263.6	236.7	211.7	190.5	173.2	157.8	146.3	132.8
-27.5°	331.0	300.2	275.2	250.2	225.2	205.9	186.7	171.3	157.8	144.3	130.9
-30°	309.8	284.8	259.8	236.7	219.4	200.1	182.8	167.4	155.9	142.4	128.9
-32.5°	288.7	265.6	244.4	227.1	211.7	196.3	180.9	165.5	152.0	138.6	125.1
-35°	269.4	248.2	232.8	217.5	205.9	192.4	177.0	161.6	150.1	136.6	125.1
-37.5°	250.2	234.8	221.3	209.8	198.2	186.7	171.3	157.8	146.3	132.8	119.3
-40°	234.8	223.2	213.6	204.0	192.4	179.0	167.4	153.9	142.4	128.9	113.5
-42.5°	225.2	215.5	205.9	196.3	186.7	175.1	163.6	150.1	138.6	125.1	109.7
-45°	215.5	207.8	200.1	192.4	182.8	171.3	157.8	144.3	132.8	119.3	107.8
-47.5°	209.8	202.1	194.4	188.6	180.9	165.5	153.9	140.5	127.0	115.5	102.0
-50°	204.0	196.3	190.5	182.8	173.2	159.7	148.2	134.7	123.2	109.7	98.1
-52.5°	198.2	190.5	182.8	175.1	165.5	153.9	142.4	130.9	117.4	103.9	92.4
-55°	192.4	184.7	177.0	169.3	159.7	150.1	138.6	123.2	109.7	96.2	84.7
-57.5°	186.7	180.9	171.3	161.6	152.0	142.4	128.9	115.5	102.0	88.5	78.9
-60°	179.0	171.3	163.6	152.0	142.4	130.9	119.3	107.8	94.3	82.7	73.1
-62.5°	167.4	159.7	152.0	140.5	130.9	121.2	111.6	98.1	88.5	77.0	67.4
-65°	153.9	146.3	138.6	128.9	119.3	109.7	102.0	90.4	80.8	71.2	63.5
-67.5°	138.6	130.9	125.1	115.5	107.8	98.1	90.4	80.8	71.2	63.5	55.8
-70°	119.3	113.5	107.8	100.1	92.4	84.7	77.0	69.3	61.6	55.8	48.1
-72.5°	102.0	96.2	90.4	84.7	78.9	71.2	65.4	59.7	53.9	48.1	44.3
-75°	82.7	78.9	75.1	71.2	65.4	59.7	55.8	50.0	46.2	42.3	40.4
-77.5°	69.3	65.4	61.6	57.7	53.9	50.0	46.2	42.3	40.4	38.5	36.6
-80°	55.8	53.9	52.0	48.1	46.2	42.3	40.4	36.6	36.6	36.6	36.6
-82.5°	44.3	42.3	40.4	38.5	36.6	34.6	34.6	32.7	34.6	34.6	32.7
-85°	30.8	28.9	26.9	26.9	25.0	25.0	23.1	23.1	23.1	21.2	21.2
-87.5°	13.5	13.5	13.5	13.5	11.5	11.5	11.5	11.5	11.5	9.6	9.6
-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: P724044
 CATALOG NUMBER: IFLD-S-SA3A-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°	3.8	3.8	1.9	1.9	1.9	1.9	1.9	1.9	1.9	0.0	0.0
85°	7.7	7.7	5.8	5.8	5.8	3.8	3.8	1.9	1.9	1.9	1.9
82.5°	17.3	15.4	13.5	11.5	9.6	7.7	5.8	3.8	3.8	1.9	1.9
80°	21.2	21.2	21.2	19.2	15.4	11.5	7.7	5.8	3.8	1.9	1.9
77.5°	15.4	15.4	17.3	19.2	19.2	15.4	9.6	5.8	3.8	3.8	1.9
75°	11.5	11.5	11.5	13.5	15.4	15.4	11.5	7.7	3.8	3.8	1.9
72.5°	11.5	11.5	11.5	11.5	11.5	11.5	11.5	7.7	5.8	3.8	3.8
70°	9.6	9.6	9.6	9.6	9.6	9.6	9.6	7.7	5.8	3.8	3.8
67.5°	7.7	7.7	9.6	9.6	9.6	7.7	7.7	7.7	5.8	3.8	3.8
65°	5.8	7.7	7.7	9.6	7.7	7.7	7.7	5.8	5.8	3.8	3.8
62.5°	5.8	5.8	7.7	7.7	7.7	7.7	5.8	5.8	5.8	3.8	3.8
60°	5.8	5.8	5.8	7.7	5.8	5.8	5.8	5.8	5.8	3.8	3.8
57.5°	5.8	5.8	5.8	5.8	5.8	5.8	5.8	3.8	3.8	3.8	3.8
55°	5.8	5.8	5.8	5.8	5.8	5.8	3.8	3.8	3.8	3.8	3.8
52.5°	7.7	5.8	5.8	5.8	5.8	5.8	3.8	3.8	3.8	3.8	3.8
50°	9.6	5.8	5.8	5.8	5.8	3.8	3.8	3.8	3.8	3.8	3.8
47.5°	13.5	9.6	7.7	5.8	5.8	3.8	3.8	3.8	3.8	3.8	1.9
45°	19.2	13.5	9.6	7.7	5.8	3.8	3.8	3.8	3.8	3.8	1.9
42.5°	23.1	17.3	11.5	9.6	7.7	5.8	3.8	3.8	3.8	1.9	1.9
40°	28.9	23.1	15.4	11.5	7.7	5.8	3.8	3.8	3.8	1.9	1.9
37.5°	36.6	28.9	19.2	13.5	9.6	5.8	5.8	3.8	3.8	1.9	1.9
35°	42.3	32.7	25.0	15.4	11.5	7.7	5.8	3.8	3.8	1.9	1.9
32.5°	48.1	38.5	30.8	19.2	13.5	9.6	7.7	3.8	3.8	1.9	1.9
30°	53.9	44.3	34.6	25.0	17.3	11.5	7.7	3.8	3.8	1.9	1.9
27.5°	59.7	48.1	38.5	28.9	19.2	13.5	9.6	5.8	3.8	1.9	1.9
25°	65.4	53.9	42.3	32.7	21.2	15.4	9.6	5.8	3.8	3.8	1.9
22.5°	69.3	59.7	48.1	36.6	25.0	17.3	11.5	7.7	3.8	3.8	1.9
20°	75.1	65.4	52.0	40.4	28.9	19.2	11.5	7.7	3.8	3.8	1.9
17.5°	80.8	69.3	55.8	44.3	32.7	21.2	13.5	9.6	3.8	3.8	1.9
15°	86.6	73.1	59.7	46.2	34.6	23.1	13.5	9.6	3.8	3.8	1.9
12.5°	92.4	78.9	63.5	50.0	36.6	25.0	15.4	11.5	5.8	3.8	1.9
10°	96.2	82.7	67.4	52.0	38.5	28.9	17.3	11.5	5.8	3.8	1.9
7.5°	102.0	86.6	71.2	55.8	40.4	30.8	19.2	11.5	5.8	3.8	1.9
5°	103.9	90.4	73.1	59.7	42.3	32.7	21.2	13.5	5.8	3.8	1.9
2.5°	105.8	94.3	75.1	61.6	44.3	32.7	21.2	13.5	7.7	3.8	1.9
0°	107.8	96.2	77.0	63.5	46.2	34.6	23.1	13.5	7.7	3.8	1.9
-2.5°	109.7	98.1	80.8	65.4	48.1	36.6	25.0	13.5	7.7	3.8	1.9
-5°	111.6	98.1	84.7	67.4	50.0	36.6	25.0	15.4	9.6	3.8	1.9
-7.5°	113.5	100.1	86.6	69.3	52.0	36.6	26.9	15.4	9.6	5.8	1.9
-10°	115.5	102.0	88.5	71.2	52.0	38.5	26.9	15.4	9.6	5.8	1.9
-12.5°	117.4	103.9	88.5	71.2	53.9	38.5	26.9	17.3	9.6	5.8	1.9
-15°	119.3	103.9	88.5	71.2	53.9	40.4	28.9	17.3	9.6	5.8	3.8
-17.5°	119.3	103.9	88.5	73.1	53.9	40.4	28.9	17.3	9.6	5.8	3.8
-20°	119.3	103.9	88.5	73.1	53.9	40.4	28.9	17.3	9.6	5.8	3.8



REPORT NUMBER: P724044

CATALOG NUMBER: IFLD-S-SA3A-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°	117.4	102.0	88.5	71.2	53.9	40.4	28.9	17.3	11.5	5.8	3.8
-25°	117.4	102.0	88.5	71.2	53.9	40.4	26.9	17.3	11.5	5.8	3.8
-27.5°	115.5	102.0	86.6	69.3	52.0	38.5	26.9	17.3	11.5	5.8	3.8
-30°	113.5	100.1	84.7	67.4	52.0	38.5	26.9	17.3	11.5	5.8	3.8
-32.5°	111.6	96.2	82.7	65.4	50.0	36.6	26.9	17.3	11.5	5.8	3.8
-35°	107.8	94.3	78.9	63.5	48.1	36.6	25.0	17.3	11.5	7.7	3.8
-37.5°	103.9	90.4	77.0	61.6	46.2	34.6	25.0	17.3	11.5	7.7	3.8
-40°	100.1	88.5	73.1	57.7	44.3	32.7	25.0	17.3	11.5	7.7	5.8
-42.5°	96.2	84.7	71.2	55.8	44.3	32.7	23.1	17.3	11.5	7.7	5.8
-45°	94.3	82.7	67.4	53.9	42.3	32.7	23.1	15.4	11.5	7.7	5.8
-47.5°	90.4	77.0	63.5	52.0	40.4	30.8	21.2	15.4	11.5	7.7	5.8
-50°	84.7	73.1	61.6	50.0	38.5	28.9	21.2	15.4	11.5	7.7	5.8
-52.5°	78.9	67.4	57.7	46.2	36.6	28.9	21.2	15.4	11.5	7.7	5.8
-55°	73.1	63.5	53.9	44.3	34.6	26.9	19.2	15.4	11.5	7.7	5.8
-57.5°	69.3	59.7	50.0	40.4	32.7	25.0	19.2	13.5	9.6	7.7	5.8
-60°	65.4	55.8	46.2	38.5	30.8	25.0	19.2	13.5	9.6	7.7	3.8
-62.5°	59.7	52.0	42.3	36.6	28.9	23.1	17.3	13.5	9.6	7.7	3.8
-65°	53.9	46.2	38.5	32.7	26.9	21.2	17.3	13.5	9.6	7.7	3.8
-67.5°	48.1	42.3	36.6	30.8	25.0	21.2	17.3	13.5	9.6	5.8	3.8
-70°	44.3	38.5	32.7	28.9	25.0	19.2	17.3	13.5	9.6	5.8	3.8
-72.5°	38.5	34.6	30.8	26.9	23.1	21.2	17.3	13.5	7.7	5.8	3.8
-75°	36.6	32.7	28.9	26.9	25.0	21.2	17.3	11.5	7.7	5.8	3.8
-77.5°	36.6	32.7	30.8	28.9	25.0	21.2	15.4	9.6	5.8	5.8	3.8
-80°	36.6	34.6	32.7	26.9	23.1	17.3	11.5	9.6	5.8	3.8	1.9
-82.5°	32.7	26.9	23.1	19.2	17.3	13.5	9.6	7.7	3.8	3.8	1.9
-85°	21.2	17.3	15.4	13.5	11.5	9.6	5.8	3.8	3.8	1.9	1.9
-87.5°	9.6	9.6	7.7	5.8	5.8	3.8	3.8	1.9	1.9	1.9	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: P724044
 CATALOG NUMBER: IFLD-S-SA3A-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°	1.9	0.0	0.0	0.0
77.5°	1.9	0.0	0.0	0.0
75°	1.9	1.9	0.0	0.0
72.5°	1.9	1.9	0.0	0.0
70°	1.9	1.9	0.0	0.0
67.5°	1.9	1.9	0.0	0.0
65°	1.9	1.9	0.0	0.0
62.5°	1.9	1.9	0.0	0.0
60°	1.9	1.9	0.0	0.0
57.5°	1.9	1.9	1.9	0.0
55°	1.9	1.9	1.9	0.0
52.5°	1.9	1.9	1.9	0.0
50°	1.9	1.9	1.9	0.0
47.5°	1.9	1.9	1.9	0.0
45°	1.9	1.9	1.9	0.0
42.5°	1.9	1.9	1.9	0.0
40°	1.9	1.9	1.9	0.0
37.5°	1.9	1.9	1.9	0.0
35°	1.9	1.9	1.9	0.0
32.5°	1.9	1.9	1.9	0.0
30°	1.9	1.9	1.9	0.0
27.5°	1.9	1.9	1.9	0.0
25°	1.9	1.9	1.9	0.0
22.5°	1.9	1.9	1.9	0.0
20°	1.9	1.9	1.9	0.0
17.5°	1.9	1.9	1.9	0.0
15°	1.9	1.9	1.9	0.0
12.5°	1.9	1.9	1.9	0.0
10°	1.9	1.9	1.9	0.0
7.5°	1.9	1.9	1.9	0.0
5°	1.9	1.9	1.9	0.0
2.5°	1.9	1.9	1.9	0.0
0°	1.9	1.9	1.9	0.0
-2.5°	1.9	1.9	1.9	0.0
-5°	1.9	1.9	1.9	0.0
-7.5°	1.9	1.9	1.9	0.0
-10°	1.9	1.9	1.9	0.0
-12.5°	1.9	1.9	1.9	0.0
-15°	1.9	1.9	1.9	0.0
-17.5°	1.9	1.9	1.9	0.0
-20°	1.9	1.9	1.9	0.0



REPORT NUMBER: P724044

CATALOG NUMBER: IFLD-S-SA3A-727-U-22-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	1.9	1.9	1.9	0.0
-25°	1.9	1.9	1.9	0.0
-27.5°	1.9	1.9	1.9	0.0
-30°	1.9	1.9	1.9	0.0
-32.5°	1.9	1.9	1.9	0.0
-35°	1.9	1.9	1.9	0.0
-37.5°	1.9	1.9	1.9	0.0
-40°	1.9	1.9	1.9	0.0
-42.5°	1.9	1.9	1.9	0.0
-45°	1.9	1.9	1.9	0.0
-47.5°	1.9	1.9	1.9	0.0
-50°	1.9	1.9	1.9	0.0
-52.5°	1.9	1.9	1.9	0.0
-55°	1.9	1.9	1.9	0.0
-57.5°	1.9	1.9	1.9	0.0
-60°	1.9	1.9	0.0	0.0
-62.5°	1.9	1.9	0.0	0.0
-65°	1.9	1.9	0.0	0.0
-67.5°	1.9	1.9	0.0	0.0
-70°	1.9	1.9	0.0	0.0
-72.5°	1.9	1.9	0.0	0.0
-75°	1.9	1.9	0.0	0.0
-77.5°	1.9	0.0	0.0	0.0
-80°	1.9	0.0	0.0	0.0
-82.5°	1.9	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)