

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: P723696

Luminaire Tested: **IFLD-S-SA3A-735-U-11-VI**

Issue Date: 01/11/2023

Test Information

Test Method: LM-79-2019
Report Number: P723696
Test Lab: INNOVATION CENTER(G2)
Issue Date: 01/11/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA3A-735-U-11-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 1 distribution lens and Visor
Light Source: (48) 3500K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	1H x 1V
Luminaire Lumens:	7183.8 lumens	Max Intensity:	169010.1 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	75.8 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' 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:	2605.2 lumens	Field Lumens:	4153.1 lumens
Beam Efficiency:	36.3%	Field Efficiency:	57.8%

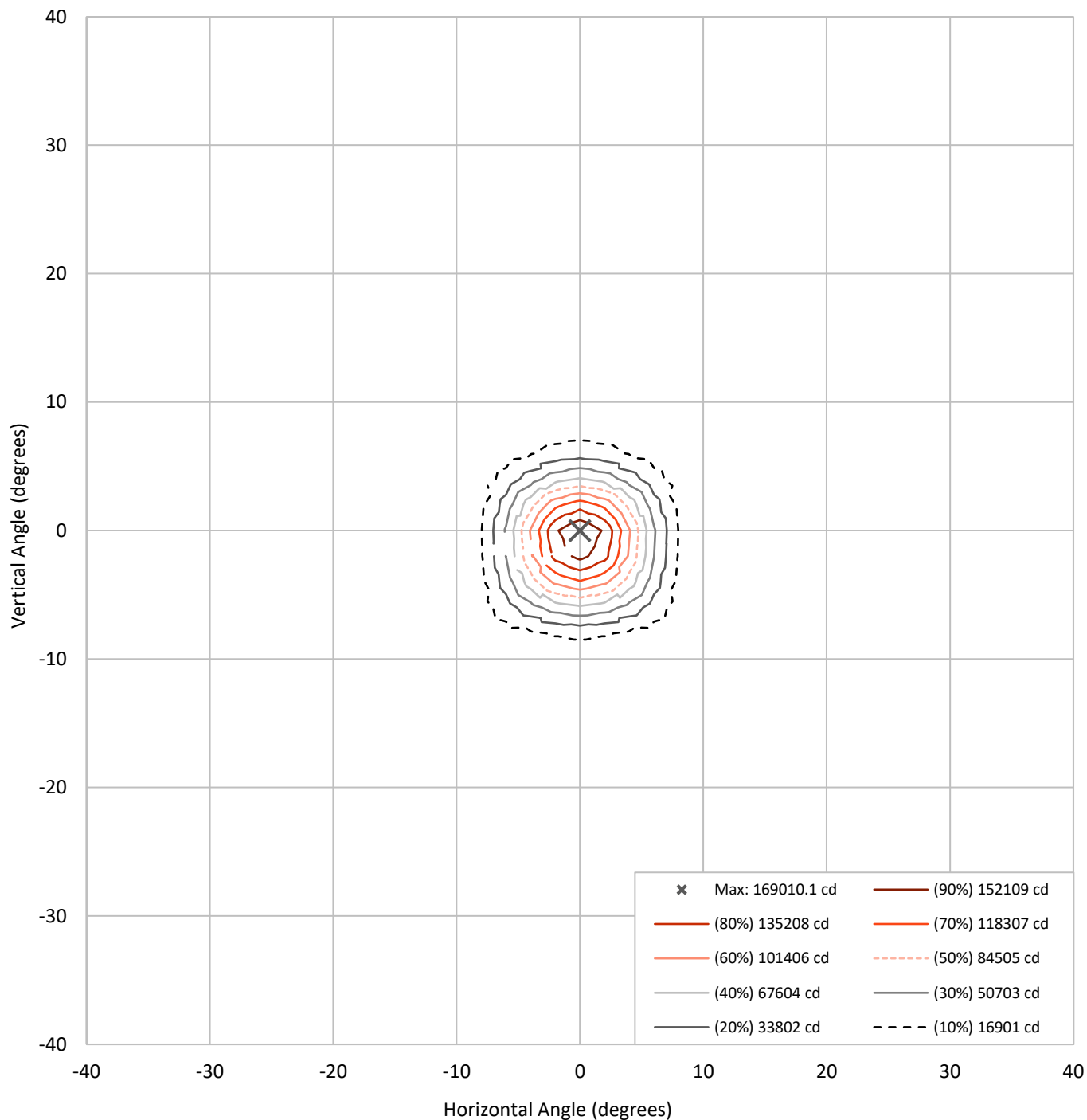
Input Watts (W): 94.8
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



REPORT NUMBER: P723696

CATALOG NUMBER: IFLD-S-SA3A-735-U-11-VI

Iso-Candela Plot



REPORT NUMBER: P723696

CATALOG NUMBER: IFLD-S-SA3A-735-U-11-VI

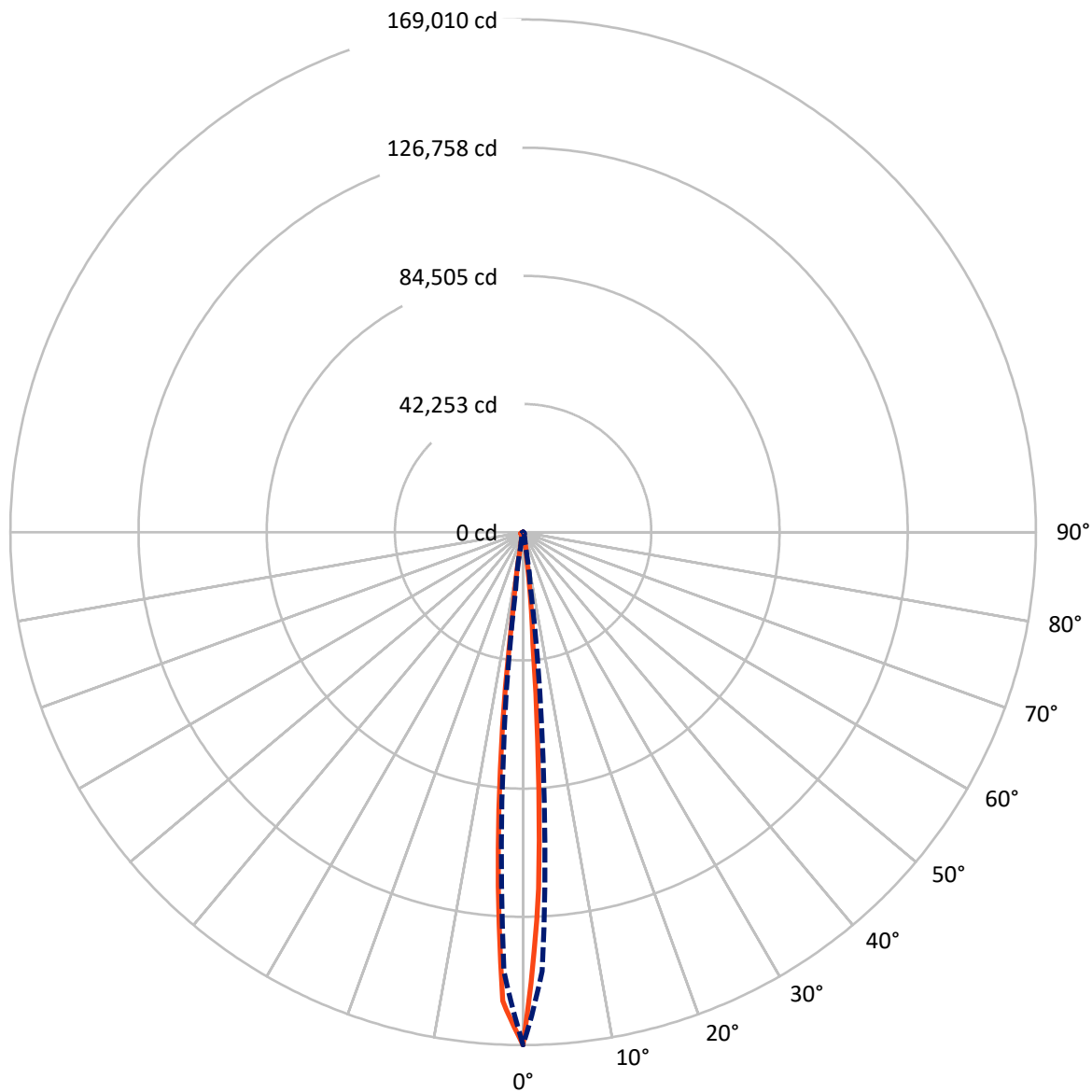
Lumen Table

90																			
80	0.1	1.6		1.7		0.7		0.2		0.7		1.7		1.6		0.1			
70																			
60	0.2	0.4	0.5	0.3	0.3	0.2	0.2	0.1	0.1	0.2	0.2	0.3	0.3	0.5	0.4	0.2			
50		0.2	0.3	0.8	1.8	3.0	3.9	4.5	4.5	3.9	3.0	1.8	0.8	0.3	0.2				
40	0.2	0.2	1.0	3.3	6.4	9.4	11.3	12.6	12.6	11.3	9.4	6.4	3.3	1.0	0.2	0.2			
30		0.5	2.5	6.7	10.9	12.8	13.9	14.3	14.3	13.9	12.8	10.9	6.7	2.5	0.5				
20	0.3	0.9	4.3	9.8	12.7	13.0	15.4	18.5	18.5	15.4	13.0	12.7	9.8	4.3	0.9	0.3			
10		1.5	6.0	12.0	13.5	15.2	26.8	45.6	45.6	26.8	15.2	13.5	12.0	6.0	1.5				
0	0.5	1.9	7.3	13.2	14.0	18.8	50.9	943.1	943.1	50.9	18.8	14.0	13.2	7.3	1.9	0.5			
-10		2.2	8.0	13.9	14.5	19.4	54.8	1375.1	1375.1	54.8	19.4	14.5	13.9	8.0	2.2				
-20	0.7	2.4	8.2	14.6	15.7	17.5	31.9	61.2	61.2	31.9	17.5	15.7	14.6	8.2	2.4	0.7			
-30		2.2	7.8	14.8	17.6	17.7	20.6	25.2	25.2	20.6	17.7	17.6	14.8	7.8	2.2				
-40	0.8	2.0	6.9	14.1	19.4	21.1	22.0	22.2	22.2	22.0	21.1	19.4	14.1	6.9	2.0	0.8			
-50		1.7	5.6	12.0	18.7	22.7	25.5	26.7	26.7	25.5	22.7	18.7	12.0	5.6	1.7				
-60	0.6	1.6	4.3	9.3	15.9	21.4	24.9	26.3	26.3	24.9	21.4	15.9	9.3	4.3	1.6	0.6			
-70		1.5	3.8	7.6	13.3	18.7	22.7	24.5	24.5	22.7	18.7	13.3	7.6	3.8	1.5				
-80	0.3	4.4		13.2		24.5		27.1		24.5		13.2		4.4		0.3			
-90																			
Horizontal Angle (degrees)																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

REPORT NUMBER: P723696

CATALOG NUMBER: IFLD-S-SA3A-735-U-11-VI

Luminous Intensity Polar Plot



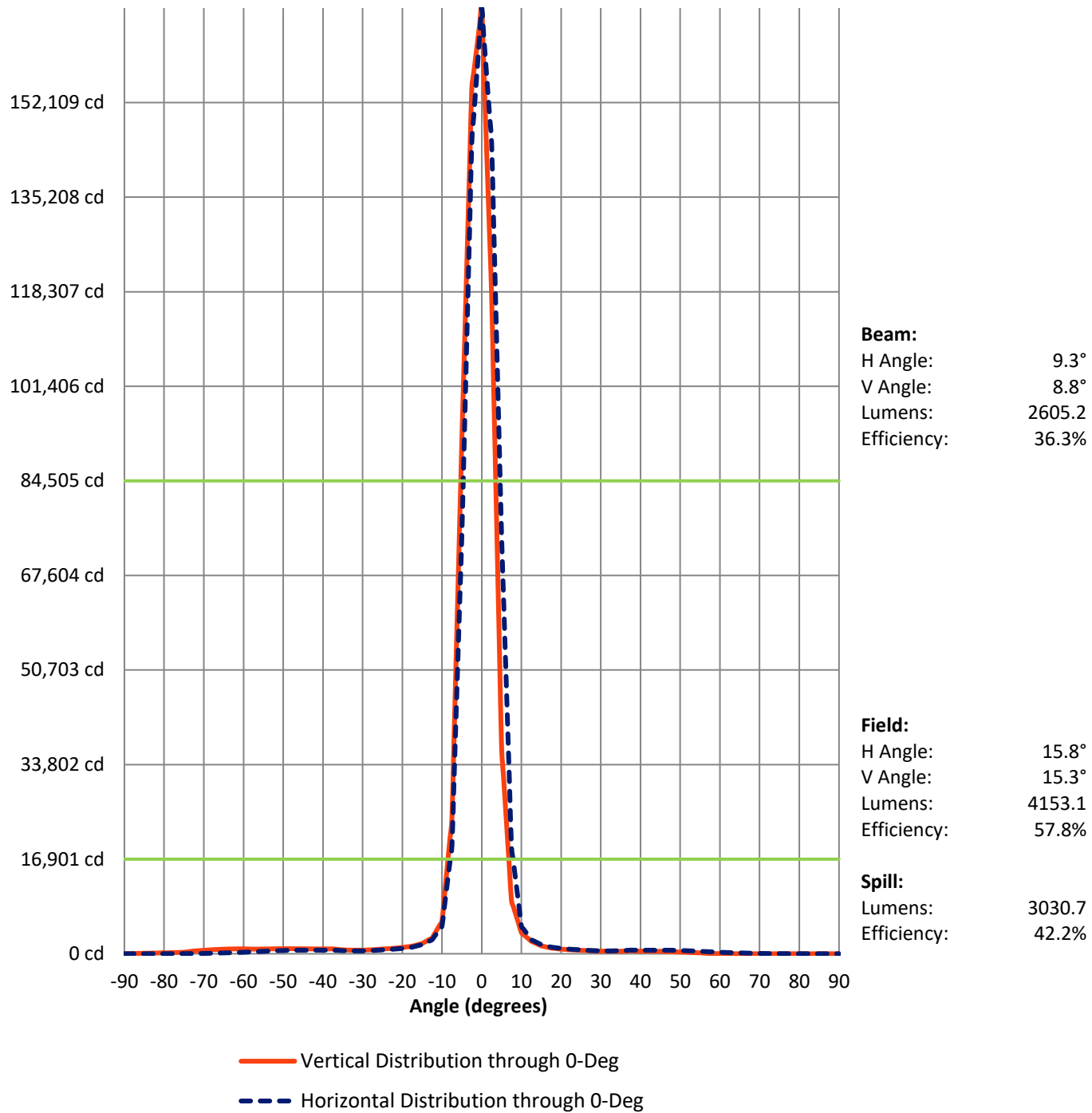
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 0-Deg



REPORT NUMBER: P723696
CATALOG NUMBER: IFLD-S-SA3A-735-U-11-VI

Luminous Intensity Plot



REPORT NUMBER: P723696

CATALOG NUMBER: IFLD-S-SA3A-735-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	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
85°	0.0	1.7	1.7	3.3	3.3	3.3	5.0	6.6	8.3	8.3	10.0
82.5°	0.0	1.7	1.7	3.3	3.3	5.0	5.0	8.3	10.0	11.6	14.9
80°	1.7	1.7	1.7	3.3	3.3	5.0	5.0	6.6	8.3	11.6	13.3
77.5°	0.0	1.7	1.7	1.7	3.3	3.3	3.3	5.0	6.6	8.3	10.0
75°	0.0	1.7	1.7	1.7	3.3	3.3	3.3	3.3	5.0	5.0	6.6
72.5°	0.0	0.0	0.0	1.7	1.7	3.3	3.3	3.3	5.0	5.0	5.0
70°	0.0	0.0	0.0	1.7	1.7	3.3	3.3	3.3	5.0	5.0	5.0
67.5°	0.0	0.0	0.0	1.7	1.7	3.3	3.3	3.3	5.0	5.0	5.0
65°	0.0	0.0	0.0	1.7	1.7	3.3	3.3	5.0	5.0	5.0	5.0
62.5°	1.7	1.7	1.7	3.3	5.0	5.0	6.6	8.3	8.3	8.3	8.3
60°	16.6	18.2	19.9	19.9	18.2	18.2	19.9	19.9	19.9	19.9	19.9
57.5°	44.8	48.1	49.8	49.8	49.8	48.1	54.7	56.4	49.8	46.4	51.4
55°	155.9	160.9	157.5	152.6	142.6	131.0	127.7	126.0	127.7	119.4	106.1
52.5°	227.2	232.2	230.5	227.2	220.6	212.3	205.6	199.0	192.4	179.1	164.2
50°	295.2	296.8	295.2	291.9	285.2	276.9	263.7	248.8	235.5	232.2	218.9
47.5°	371.5	376.4	376.4	374.8	369.8	354.9	335.0	313.4	303.5	300.2	286.9
45°	439.5	442.8	444.4	446.1	444.4	429.5	411.3	399.7	378.1	371.5	371.5
42.5°	457.7	459.4	461.0	462.7	467.7	456.0	441.1	421.2	416.2	414.6	411.3
40°	464.3	461.0	462.7	464.3	466.0	457.7	446.1	434.5	431.2	427.9	427.9
37.5°	527.4	512.4	500.8	490.9	482.6	474.3	462.7	452.7	444.4	437.8	444.4
35°	449.4	449.4	461.0	471.0	480.9	490.9	492.5	480.9	462.7	454.4	466.0
32.5°	459.4	459.4	459.4	462.7	466.0	474.3	482.6	487.6	500.8	485.9	485.9
30°	469.3	471.0	474.3	475.9	471.0	467.7	464.3	464.3	472.6	494.2	505.8
27.5°	527.4	527.4	522.4	515.7	500.8	477.6	466.0	449.4	451.1	461.0	489.2
25°	621.9	618.6	607.0	590.4	563.8	530.7	499.2	464.3	449.4	444.4	456.0
22.5°	711.4	706.5	691.5	676.6	655.1	621.9	568.8	515.7	469.3	449.4	444.4
20°	825.9	814.3	797.7	774.5	739.6	706.5	660.0	590.4	522.4	471.0	451.1
17.5°	1009.9	995.0	963.5	922.0	862.3	810.9	744.6	678.3	602.0	519.1	474.3
15°	1412.9	1374.8	1320.1	1205.6	1087.9	990.0	890.5	779.4	701.5	592.0	524.0
12.5°	2222.2	2117.7	1958.5	1691.5	1427.8	1200.7	1039.8	897.2	771.1	670.0	573.8
10°	3761.2	3537.3	3097.8	2368.1	1882.2	1464.3	1175.8	985.1	825.9	721.4	615.3
7.5°	9512.4	7759.5	5490.8	3749.6	2462.7	1789.4	1344.9	1068.0	883.9	754.6	648.4
5°	37074.3	30540.4	16291.7	6799.3	3704.8	2164.2	1497.5	1134.3	922.0	779.4	673.3
2.5°	117662.3	101609.4	53309.6	14636.7	4548.9	2437.8	1602.0	1175.8	943.6	797.7	691.5
0°	169010.1	144847.8	74816.9	19250.2	4933.6	2507.4	1635.1	1184.1	946.9	801.0	691.5
-2.5°	154615.5	135318.8	72273.0	17913.6	5041.4	2527.3	1661.7	1212.3	971.8	815.9	696.5
-5°	91871.5	80584.7	50415.8	12772.7	4479.2	2346.6	1592.0	1187.4	955.2	807.6	693.2
-7.5°	24205.4	20955.0	13784.3	6664.9	2898.8	1985.1	1462.7	1145.9	933.7	792.7	679.9
-10°	5835.8	5530.6	4940.3	3028.2	2257.0	1658.4	1296.8	1071.3	890.5	772.8	658.4
-12.5°	2814.2	2747.9	2494.2	2056.4	1674.9	1378.1	1174.1	993.4	850.7	738.0	628.5
-15°	1830.8	1792.7	1706.5	1539.0	1344.9	1202.3	1059.7	913.8	801.0	686.6	603.6
-17.5°	1354.9	1353.2	1310.1	1247.1	1150.9	1044.8	940.3	847.4	738.0	640.1	577.1
-20°	1122.7	1122.7	1097.8	1056.4	988.4	918.7	849.1	762.8	673.3	600.3	573.8

REPORT NUMBER: P723696

CATALOG NUMBER: IFLD-S-SA3A-735-U-11-VI

CANDELA DISTRIBUTION (continued):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
-22.5°	953.6	955.2	941.9	915.4	878.9	820.9	752.9	683.2	618.6	592.0	583.7
-25°	844.1	840.8	825.9	801.0	762.8	716.4	671.6	625.2	607.0	600.3	611.9
-27.5°	714.8	719.7	713.1	701.5	676.6	643.4	633.5	620.2	623.5	633.5	678.3
-30°	638.5	643.4	650.1	655.1	646.8	638.5	641.8	651.7	673.3	711.4	728.0
-32.5°	638.5	640.1	650.1	660.0	665.0	671.6	689.9	723.0	754.6	744.6	741.3
-35°	696.5	691.5	704.8	718.1	736.3	759.5	779.4	772.8	761.2	757.9	761.2
-37.5°	862.3	830.8	817.6	809.3	804.3	801.0	796.0	791.0	786.1	782.7	787.7
-40°	860.7	852.4	844.1	837.5	832.5	825.9	822.5	820.9	815.9	812.6	809.3
-42.5°	857.4	860.7	860.7	859.0	860.7	859.0	854.1	847.4	839.1	832.5	825.9
-45°	882.2	883.9	887.2	890.5	895.5	888.9	878.9	867.3	855.7	845.8	837.5
-47.5°	897.2	898.8	902.1	907.1	910.4	903.8	890.5	875.6	857.4	840.8	824.2
-50°	902.1	907.1	908.8	908.8	907.1	898.8	878.9	857.4	837.5	820.9	806.0
-52.5°	878.9	883.9	885.6	882.2	880.6	872.3	854.1	834.2	812.6	801.0	787.7
-55°	840.8	847.4	852.4	852.4	852.4	850.7	834.2	815.9	799.3	786.1	772.8
-57.5°	825.9	837.5	847.4	849.1	850.7	852.4	840.8	822.5	802.6	782.7	766.2
-60°	880.6	890.5	895.5	888.9	883.9	878.9	860.7	839.1	819.2	799.3	767.8
-62.5°	865.7	882.2	890.5	885.6	878.9	870.6	850.7	825.9	802.6	781.1	749.6
-65°	817.6	832.5	842.4	834.2	824.2	812.6	794.4	771.1	749.6	728.0	699.8
-67.5°	736.3	757.9	774.5	756.2	742.9	728.0	713.1	693.2	671.6	646.8	620.2
-70°	608.6	625.2	640.1	635.2	631.8	628.5	618.6	598.7	580.4	560.5	537.3
-72.5°	489.2	504.1	517.4	509.1	502.5	492.5	477.6	456.0	434.5	412.9	391.4
-75°	270.3	275.3	280.3	278.6	278.6	278.6	278.6	280.3	276.9	272.0	262.0
-77.5°	207.3	213.9	218.9	222.2	227.2	233.8	238.8	230.5	222.2	213.9	204.0
-80°	162.5	169.2	174.1	192.4	205.6	220.6	230.5	218.9	207.3	197.3	189.1
-82.5°	122.7	127.7	132.7	142.6	149.3	157.5	164.2	164.2	162.5	160.9	155.9
-85°	89.6	96.2	102.8	106.1	111.1	111.1	112.8	106.1	99.5	94.5	87.9
-87.5°	51.4	53.1	53.1	53.1	54.7	54.7	54.7	51.4	49.8	46.4	44.8
-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: P723696

CATALOG NUMBER: IFLD-S-SA3A-735-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°	1.7	1.7	1.7	3.3	3.3	5.0	5.0	6.6	6.6	8.3	8.3
85°	10.0	10.0	10.0	11.6	11.6	13.3	14.9	16.6	18.2	18.2	19.9
82.5°	16.6	18.2	19.9	21.6	23.2	24.9	26.5	28.2	33.2	36.5	38.1
80°	16.6	18.2	23.2	26.5	29.9	33.2	33.2	33.2	33.2	34.8	38.1
77.5°	11.6	13.3	14.9	18.2	26.5	33.2	38.1	41.5	38.1	36.5	33.2
75°	6.6	8.3	10.0	11.6	16.6	23.2	31.5	39.8	46.4	44.8	41.5
72.5°	6.6	6.6	8.3	10.0	11.6	13.3	14.9	23.2	33.2	41.5	46.4
70°	6.6	8.3	8.3	10.0	11.6	13.3	14.9	18.2	23.2	33.2	43.1
67.5°	6.6	8.3	8.3	11.6	14.9	16.6	18.2	16.6	14.9	21.6	31.5
65°	6.6	6.6	8.3	10.0	11.6	13.3	18.2	18.2	16.6	16.6	16.6
62.5°	10.0	10.0	10.0	10.0	11.6	11.6	11.6	14.9	14.9	14.9	14.9
60°	19.9	18.2	18.2	18.2	18.2	14.9	14.9	14.9	13.3	14.9	13.3
57.5°	48.1	39.8	36.5	36.5	31.5	29.9	24.9	18.2	18.2	14.9	14.9
55°	97.8	92.9	77.9	64.7	58.0	51.4	39.8	33.2	24.9	19.9	18.2
52.5°	150.9	137.6	124.4	107.8	91.2	77.9	66.3	51.4	41.5	29.9	23.2
50°	197.3	185.7	170.8	152.6	131.0	114.4	97.8	77.9	61.4	46.4	33.2
47.5°	268.7	245.4	227.2	205.6	180.8	157.5	136.0	112.8	86.2	68.0	51.4
45°	344.9	311.8	286.9	267.0	233.8	202.3	177.4	152.6	121.1	89.6	69.7
42.5°	398.0	373.1	340.0	313.4	283.6	250.4	217.2	190.7	157.5	121.1	89.6
40°	426.2	409.6	383.1	359.9	328.4	291.9	257.0	230.5	195.7	155.9	112.8
37.5°	447.8	439.5	426.2	408.0	378.1	335.0	300.2	268.7	238.8	192.4	145.9
35°	472.6	471.0	462.7	454.4	429.5	388.1	346.6	310.1	273.6	230.5	179.1
32.5°	495.8	494.2	489.2	485.9	475.9	439.5	394.7	353.2	311.8	267.0	210.6
30°	507.5	504.1	504.1	507.5	497.5	474.3	441.1	396.3	349.9	296.8	243.8
27.5°	507.5	504.1	505.8	510.8	509.1	497.5	472.6	436.1	384.7	325.0	273.6
25°	485.9	502.5	502.5	509.1	510.8	507.5	494.2	471.0	417.9	354.9	296.8
22.5°	456.0	495.8	510.8	509.1	510.8	519.1	520.7	499.2	449.4	384.7	320.1
20°	456.0	484.2	527.4	515.7	519.1	537.3	545.6	527.4	482.6	412.9	343.3
17.5°	466.0	484.2	520.7	539.0	543.9	558.9	572.1	560.5	512.4	442.8	374.8
15°	494.2	490.9	515.7	560.5	568.8	580.4	595.4	582.1	539.0	475.9	404.6
12.5°	514.1	495.8	515.7	563.8	590.4	602.0	607.0	597.0	562.2	505.8	434.5
10°	540.6	509.1	519.1	560.5	598.7	607.0	611.9	608.6	583.7	530.7	461.0
7.5°	560.5	515.7	515.7	555.6	607.0	613.6	616.9	620.2	602.0	552.2	484.2
5°	568.8	515.7	512.4	550.6	615.3	621.9	621.9	626.9	615.3	568.8	500.8
2.5°	570.5	514.1	509.1	547.3	630.2	630.2	626.9	631.8	625.2	578.8	512.4
0°	578.8	512.4	507.5	552.2	646.8	640.1	631.8	633.5	630.2	583.7	519.1
-2.5°	578.8	520.7	514.1	555.6	645.1	643.4	640.1	641.8	638.5	598.7	532.3
-5°	587.1	532.3	525.7	570.5	643.4	648.4	650.1	650.1	645.1	608.6	540.6
-7.5°	588.7	540.6	539.0	585.4	646.8	655.1	660.0	663.3	653.4	615.3	547.3
-10°	580.4	543.9	552.2	603.6	650.1	661.7	671.6	676.6	660.0	618.6	550.6
-12.5°	562.2	543.9	565.5	626.9	658.4	671.6	686.6	688.2	666.7	620.2	552.2
-15°	560.5	557.2	588.7	650.1	663.3	679.9	703.1	698.2	671.6	620.2	552.2
-17.5°	558.9	575.5	623.5	658.4	671.6	689.9	708.1	703.1	675.0	620.2	548.9
-20°	573.8	605.3	665.0	666.7	681.6	701.5	711.4	701.5	670.0	615.3	543.9

REPORT NUMBER: P723696

CATALOG NUMBER: IFLD-S-SA3A-735-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°	598.7	658.4	678.3	684.9	698.2	713.1	718.1	703.1	665.0	607.0	535.7
-25°	661.7	691.5	691.5	706.5	719.7	726.4	721.4	704.8	658.4	598.7	527.4
-27.5°	709.8	708.1	716.4	731.3	742.9	742.9	729.7	696.5	648.4	590.4	515.7
-30°	728.0	729.7	741.3	757.9	761.2	752.9	733.0	689.9	640.1	577.1	500.8
-32.5°	746.3	752.9	767.8	776.1	777.8	761.2	724.7	678.3	626.9	562.2	484.2
-35°	767.8	781.1	789.4	791.0	782.7	754.6	713.1	663.3	607.0	540.6	469.3
-37.5°	796.0	802.6	807.6	801.0	777.8	744.6	693.2	643.4	588.7	517.4	447.8
-40°	814.3	817.6	819.2	797.7	769.5	721.4	671.6	620.2	557.2	490.9	424.5
-42.5°	825.9	822.5	809.3	786.1	744.6	698.2	650.1	592.0	529.0	464.3	399.7
-45°	822.5	810.9	791.0	762.8	719.7	673.3	616.9	558.9	499.2	436.1	371.5
-47.5°	809.3	791.0	766.2	733.0	693.2	636.8	580.4	524.0	466.0	404.6	344.9
-50°	792.7	771.1	741.3	699.8	646.8	595.4	543.9	489.2	429.5	373.1	320.1
-52.5°	774.5	751.2	713.1	666.7	608.6	555.6	505.8	452.7	398.0	344.9	298.5
-55°	754.6	731.3	688.2	635.2	577.1	519.1	471.0	426.2	373.1	321.7	280.3
-57.5°	744.6	714.8	670.0	616.9	555.6	495.8	454.4	406.3	358.2	305.1	265.3
-60°	736.3	706.5	665.0	603.6	545.6	489.2	441.1	394.7	343.3	293.5	253.7
-62.5°	713.1	681.6	643.4	583.7	527.4	475.9	432.8	378.1	328.4	281.9	245.4
-65°	666.7	633.5	600.3	547.3	495.8	447.8	404.6	354.9	308.5	268.7	237.1
-67.5°	593.7	565.5	535.7	490.9	447.8	404.6	364.8	321.7	283.6	255.4	238.8
-70°	512.4	482.6	452.7	416.2	379.8	344.9	313.4	281.9	257.0	242.1	228.9
-72.5°	373.1	359.9	344.9	316.7	286.9	265.3	250.4	237.1	218.9	205.6	197.3
-75°	248.8	230.5	207.3	197.3	199.0	195.7	187.4	177.4	169.2	164.2	152.6
-77.5°	194.0	184.1	172.5	160.9	155.9	150.9	144.3	136.0	129.4	117.7	101.2
-80°	179.1	170.8	162.5	154.2	145.9	134.3	121.1	107.8	101.2	96.2	94.5
-82.5°	147.6	137.6	127.7	119.4	107.8	99.5	91.2	84.6	84.6	82.9	81.3
-85°	84.6	81.3	76.3	73.0	69.7	64.7	59.7	56.4	54.7	53.1	51.4
-87.5°	43.1	41.5	38.1	36.5	34.8	33.2	29.9	28.2	26.5	26.5	24.9
-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: P723696

CATALOG NUMBER: IFLD-S-SA3A-735-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°	8.3	8.3	6.6	6.6	6.6	5.0	3.3	3.3	1.7	1.7	0.0
85°	19.9	16.6	14.9	13.3	13.3	10.0	6.6	5.0	3.3	1.7	1.7
82.5°	38.1	33.2	28.2	24.9	19.9	14.9	11.6	8.3	5.0	3.3	1.7
80°	43.1	43.1	41.5	34.8	28.2	21.6	14.9	10.0	6.6	5.0	3.3
77.5°	33.2	36.5	36.5	36.5	34.8	26.5	18.2	11.6	6.6	5.0	3.3
75°	38.1	33.2	31.5	33.2	31.5	26.5	21.6	13.3	8.3	6.6	3.3
72.5°	46.4	39.8	34.8	33.2	29.9	24.9	19.9	14.9	8.3	6.6	5.0
70°	43.1	41.5	38.1	34.8	29.9	24.9	19.9	14.9	10.0	6.6	5.0
67.5°	38.1	38.1	38.1	34.8	29.9	23.2	18.2	13.3	10.0	6.6	5.0
65°	26.5	31.5	34.8	33.2	29.9	23.2	18.2	13.3	10.0	8.3	5.0
62.5°	16.6	21.6	28.2	31.5	28.2	23.2	16.6	13.3	10.0	8.3	5.0
60°	14.9	16.6	19.9	24.9	26.5	21.6	16.6	11.6	10.0	8.3	5.0
57.5°	14.9	14.9	16.6	19.9	21.6	19.9	14.9	10.0	10.0	8.3	6.6
55°	16.6	14.9	14.9	16.6	18.2	18.2	14.9	10.0	10.0	8.3	6.6
52.5°	19.9	16.6	14.9	14.9	14.9	16.6	13.3	10.0	10.0	8.3	6.6
50°	24.9	19.9	18.2	14.9	14.9	14.9	13.3	10.0	8.3	8.3	6.6
47.5°	33.2	26.5	19.9	18.2	14.9	13.3	11.6	10.0	8.3	8.3	6.6
45°	49.8	31.5	26.5	19.9	16.6	14.9	13.3	10.0	8.3	8.3	6.6
42.5°	68.0	46.4	33.2	23.2	18.2	14.9	13.3	11.6	8.3	8.3	6.6
40°	86.2	63.0	41.5	29.9	21.6	16.6	13.3	11.6	10.0	8.3	6.6
37.5°	106.1	77.9	54.7	38.1	24.9	18.2	14.9	11.6	10.0	8.3	6.6
35°	131.0	97.8	68.0	46.4	29.9	21.6	16.6	11.6	10.0	8.3	6.6
32.5°	159.2	116.1	81.3	56.4	38.1	26.5	18.2	13.3	10.0	8.3	6.6
30°	185.7	137.6	96.2	68.0	46.4	29.9	19.9	13.3	10.0	8.3	5.0
27.5°	212.3	159.2	114.4	79.6	56.4	34.8	21.6	14.9	10.0	8.3	6.6
25°	238.8	180.8	132.7	91.2	64.7	41.5	26.5	16.6	10.0	8.3	6.6
22.5°	262.0	202.3	149.3	104.5	74.6	48.1	29.9	18.2	11.6	8.3	6.6
20°	288.6	225.5	167.5	119.4	82.9	54.7	33.2	19.9	11.6	8.3	6.6
17.5°	313.4	248.8	185.7	132.7	92.9	61.4	38.1	21.6	13.3	8.3	6.6
15°	338.3	270.3	202.3	145.9	102.8	68.0	41.5	23.2	14.9	8.3	6.6
12.5°	361.5	290.2	217.2	157.5	111.1	74.6	44.8	24.9	16.6	8.3	6.6
10°	383.1	308.5	232.2	167.5	119.4	79.6	48.1	28.2	18.2	8.3	6.6
7.5°	404.6	323.4	243.8	177.4	129.4	86.2	51.4	29.9	19.9	10.0	6.6
5°	417.9	336.6	253.7	185.7	137.6	92.9	54.7	31.5	21.6	10.0	6.6
2.5°	429.5	346.6	260.4	194.0	145.9	97.8	54.7	33.2	23.2	10.0	6.6
0°	436.1	353.2	265.3	199.0	152.6	101.2	56.4	34.8	24.9	10.0	6.6
-2.5°	451.1	364.8	276.9	205.6	159.2	111.1	59.7	36.5	26.5	11.6	6.6
-5°	461.0	371.5	285.2	212.3	164.2	121.1	64.7	39.8	29.9	14.9	8.3
-7.5°	469.3	378.1	291.9	215.6	169.2	124.4	66.3	41.5	31.5	16.6	8.3
-10°	471.0	381.4	296.8	220.6	172.5	129.4	68.0	43.1	33.2	18.2	8.3
-12.5°	472.6	384.7	298.5	223.9	175.8	132.7	69.7	44.8	34.8	19.9	8.3
-15°	471.0	383.1	298.5	227.2	177.4	129.4	73.0	46.4	36.5	21.6	8.3
-17.5°	467.7	381.4	296.8	225.5	175.8	126.0	74.6	49.8	36.5	23.2	10.0
-20°	462.7	376.4	293.5	223.9	174.1	122.7	76.3	51.4	38.1	23.2	10.0

REPORT NUMBER: P723696

CATALOG NUMBER: IFLD-S-SA3A-735-U-11-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	454.4	368.2	286.9	218.9	170.8	119.4	76.3	54.7	39.8	23.2	10.0
-25°	444.4	359.9	280.3	212.3	165.8	114.4	76.3	56.4	41.5	23.2	10.0
-27.5°	432.8	351.6	270.3	207.3	159.2	111.1	76.3	58.0	43.1	23.2	10.0
-30°	419.6	340.0	262.0	199.0	154.2	111.1	77.9	59.7	44.8	23.2	10.0
-32.5°	406.3	328.4	252.1	192.4	147.6	109.5	77.9	61.4	46.4	21.6	11.6
-35°	391.4	315.1	243.8	187.4	142.6	106.1	79.6	61.4	44.8	21.6	11.6
-37.5°	373.1	298.5	235.5	182.4	139.3	102.8	79.6	63.0	43.1	21.6	11.6
-40°	353.2	285.2	225.5	175.8	134.3	101.2	79.6	63.0	41.5	21.6	13.3
-42.5°	331.7	270.3	215.6	169.2	129.4	99.5	79.6	63.0	39.8	21.6	13.3
-45°	311.8	255.4	204.0	160.9	124.4	99.5	79.6	61.4	36.5	23.2	13.3
-47.5°	290.2	238.8	190.7	152.6	122.7	97.8	77.9	58.0	33.2	23.2	13.3
-50°	272.0	222.2	180.8	144.3	119.4	99.5	79.6	53.1	33.2	23.2	13.3
-52.5°	253.7	210.6	169.2	141.0	116.1	101.2	77.9	49.8	33.2	23.2	13.3
-55°	238.8	199.0	162.5	136.0	119.4	104.5	74.6	44.8	33.2	23.2	13.3
-57.5°	227.2	192.4	157.5	137.6	124.4	101.2	69.7	43.1	33.2	21.6	13.3
-60°	218.9	185.7	159.2	144.3	126.0	96.2	66.3	43.1	33.2	21.6	11.6
-62.5°	212.3	187.4	167.5	149.3	119.4	89.6	63.0	43.1	29.9	19.9	11.6
-65°	213.9	194.0	170.8	142.6	114.4	82.9	58.0	41.5	28.2	18.2	11.6
-67.5°	218.9	189.1	160.9	134.3	102.8	74.6	53.1	38.1	26.5	18.2	11.6
-70°	202.3	174.1	145.9	114.4	87.9	64.7	49.8	34.8	23.2	16.6	11.6
-72.5°	182.4	145.9	116.1	92.9	74.6	59.7	44.8	31.5	21.6	14.9	10.0
-75°	132.7	106.1	86.2	77.9	66.3	53.1	39.8	28.2	19.9	14.9	10.0
-77.5°	94.5	87.9	79.6	71.3	59.7	46.4	34.8	26.5	18.2	13.3	8.3
-80°	92.9	84.6	74.6	61.4	49.8	39.8	29.9	23.2	16.6	11.6	6.6
-82.5°	77.9	66.3	56.4	46.4	38.1	31.5	24.9	18.2	13.3	8.3	5.0
-85°	48.1	41.5	36.5	31.5	26.5	21.6	16.6	11.6	8.3	5.0	3.3
-87.5°	23.2	21.6	18.2	14.9	13.3	10.0	8.3	6.6	5.0	3.3	1.7
-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: P723696

CATALOG NUMBER: IFLD-S-SA3A-735-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°	1.7	0.0	0.0	0.0
80°	1.7	0.0	0.0	0.0
77.5°	1.7	0.0	0.0	0.0
75°	1.7	1.7	0.0	0.0
72.5°	1.7	1.7	0.0	0.0
70°	3.3	1.7	1.7	0.0
67.5°	3.3	1.7	1.7	0.0
65°	3.3	1.7	1.7	0.0
62.5°	3.3	1.7	1.7	0.0
60°	3.3	1.7	1.7	0.0
57.5°	3.3	1.7	1.7	0.0
55°	3.3	1.7	1.7	0.0
52.5°	3.3	1.7	1.7	0.0
50°	3.3	1.7	1.7	0.0
47.5°	3.3	3.3	1.7	0.0
45°	3.3	3.3	1.7	0.0
42.5°	3.3	3.3	1.7	0.0
40°	3.3	3.3	1.7	0.0
37.5°	3.3	3.3	1.7	0.0
35°	3.3	3.3	1.7	0.0
32.5°	5.0	3.3	1.7	0.0
30°	5.0	3.3	3.3	0.0
27.5°	5.0	3.3	3.3	0.0
25°	5.0	3.3	3.3	0.0
22.5°	5.0	3.3	3.3	0.0
20°	5.0	3.3	3.3	0.0
17.5°	5.0	3.3	3.3	0.0
15°	5.0	3.3	3.3	0.0
12.5°	5.0	3.3	3.3	0.0
10°	5.0	3.3	3.3	0.0
7.5°	5.0	3.3	3.3	0.0
5°	5.0	3.3	3.3	0.0
2.5°	5.0	3.3	3.3	0.0
0°	5.0	3.3	3.3	0.0
-2.5°	5.0	3.3	3.3	0.0
-5°	5.0	3.3	3.3	0.0
-7.5°	5.0	3.3	3.3	0.0
-10°	5.0	3.3	3.3	0.0
-12.5°	6.6	3.3	3.3	0.0
-15°	6.6	3.3	3.3	0.0
-17.5°	6.6	3.3	3.3	0.0
-20°	6.6	3.3	3.3	0.0



REPORT NUMBER: P723696

CATALOG NUMBER: IFLD-S-SA3A-735-U-11-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	6.6	3.3	3.3	0.0
-25°	6.6	3.3	3.3	0.0
-27.5°	6.6	3.3	3.3	0.0
-30°	6.6	3.3	3.3	0.0
-32.5°	6.6	3.3	3.3	0.0
-35°	6.6	3.3	3.3	0.0
-37.5°	6.6	3.3	3.3	0.0
-40°	6.6	3.3	3.3	0.0
-42.5°	5.0	3.3	1.7	0.0
-45°	6.6	3.3	1.7	0.0
-47.5°	6.6	3.3	1.7	0.0
-50°	6.6	3.3	1.7	0.0
-52.5°	6.6	3.3	1.7	0.0
-55°	6.6	3.3	1.7	0.0
-57.5°	6.6	3.3	1.7	0.0
-60°	6.6	3.3	1.7	0.0
-62.5°	6.6	3.3	1.7	0.0
-65°	6.6	3.3	1.7	0.0
-67.5°	6.6	3.3	1.7	0.0
-70°	6.6	1.7	1.7	0.0
-72.5°	5.0	1.7	1.7	0.0
-75°	5.0	1.7	1.7	0.0
-77.5°	3.3	1.7	0.0	0.0
-80°	3.3	1.7	0.0	0.0
-82.5°	3.3	1.7	0.0	0.0
-85°	1.7	0.0	0.0	0.0
-87.5°	1.7	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)