

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: P723837

Luminaire Tested: **IFLD-S-SA2B-830-U-11-VI**

Issue Date: 01/11/2023

Test Information

Test Method: LM-79-2019
Report Number: P723837
Test Lab: INNOVATION CENTER(G2)
Issue Date: 01/11/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA2B-830-U-11-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 1 distribution lens and Visor
Light Source: (32) 3000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	1H x 1V
Luminaire Lumens:	4802.9 lumens	Max Intensity:	112995.6 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	58.3 lumens/watt		
Luminous Opening:	Rectangular (W 1' 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:	1741.7 lumens	Field Lumens:	2776.7 lumens
Beam Efficiency:	36.3%	Field Efficiency:	57.8%

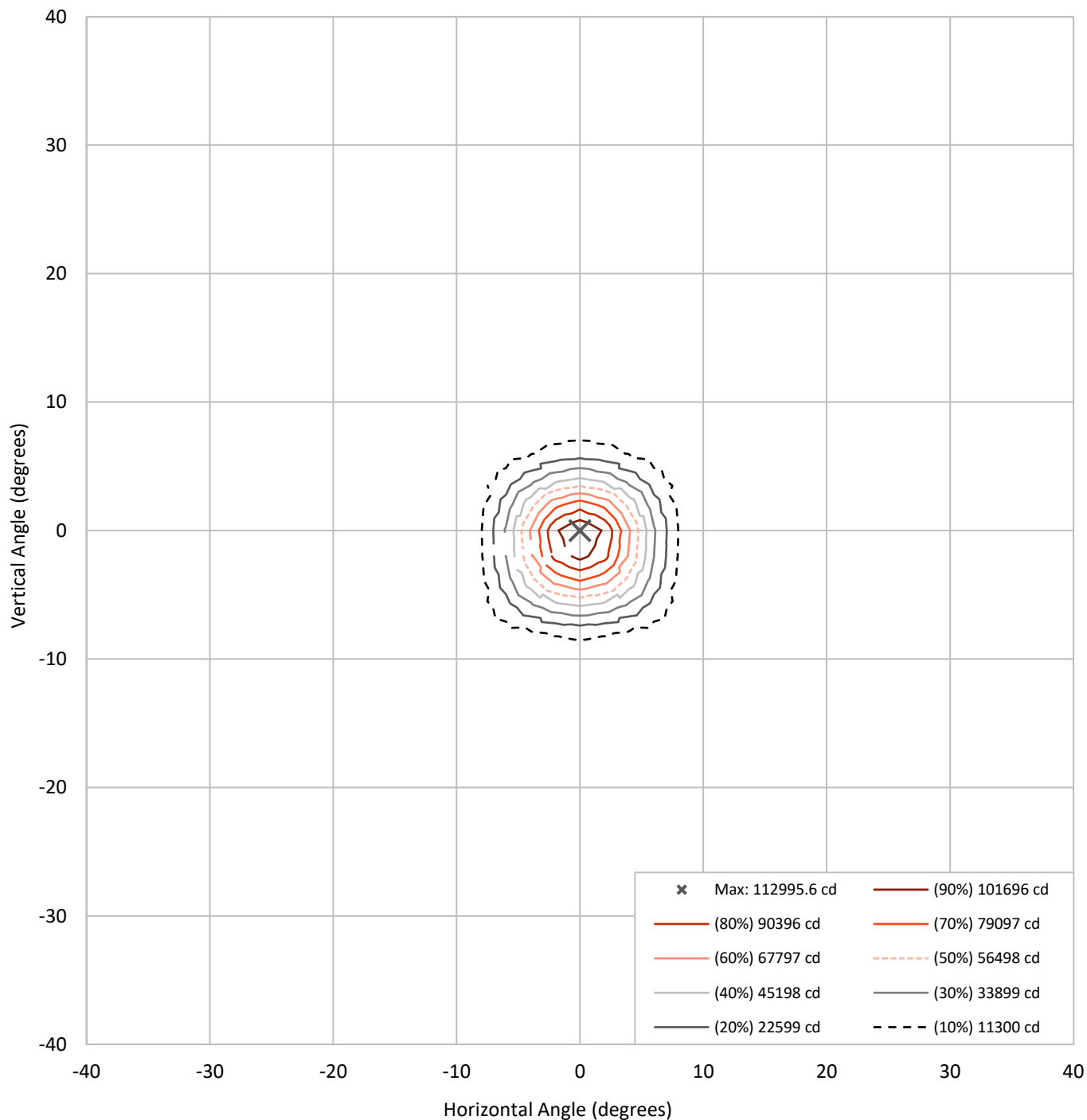
Input Watts (W): 82.4
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



REPORT NUMBER: P723837

CATALOG NUMBER: IFLD-S-SA2B-830-U-11-VI

Iso-Candela Plot



REPORT NUMBER: P723837

CATALOG NUMBER: IFLD-S-SA2B-830-U-11-VI

Lumen Table

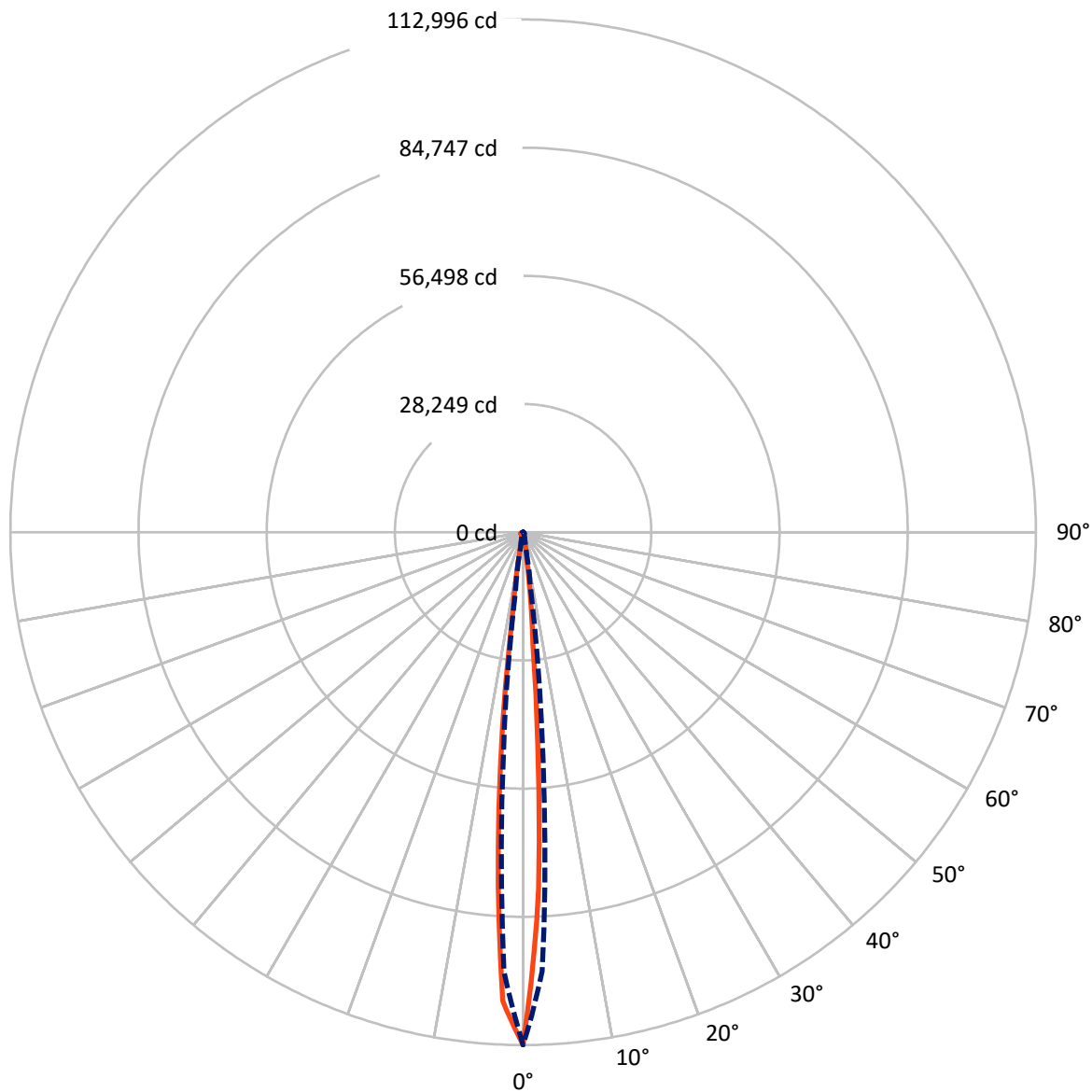
90																
80	0.1	1.1		1.2		0.4		0.1		0.4		1.2		1.1		0.1
70																
60	0.1	0.2	0.3	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.3	0.2	0.1
50		0.2	0.2	0.6	1.2	2.0	2.6	3.0	3.0	2.6	2.0	1.2	0.6	0.2	0.2	
40	0.1	0.2	0.7	2.2	4.3	6.3	7.6	8.4	8.4	7.6	6.3	4.3	2.2	0.7	0.2	0.1
30		0.3	1.7	4.5	7.3	8.6	9.3	9.6	9.6	9.3	8.6	7.3	4.5	1.7	0.3	
20	0.2	0.6	2.8	6.5	8.5	8.7	10.3	12.4	12.4	10.3	8.7	8.5	6.5	2.8	0.6	0.2
10		1.0	4.0	8.0	9.0	10.2	17.9	30.5	30.5	17.9	10.2	9.0	8.0	4.0	1.0	
0	0.3	1.3	4.9	8.8	9.4	12.6	34.0	630.5	630.5	34.0	12.6	9.4	8.8	4.9	1.3	0.3
-10		1.5	5.4	9.3	9.7	13.0	36.7	919.3	919.3	36.7	13.0	9.7	9.3	5.4	1.5	
-20	0.5	1.6	5.5	9.8	10.5	11.7	21.3	40.9	40.9	21.3	11.7	10.5	9.8	5.5	1.6	0.5
-30		1.5	5.2	9.9	11.8	11.8	13.8	16.8	16.8	13.8	11.8	11.8	9.9	5.2	1.5	
-40	0.5	1.3	4.6	9.5	13.0	14.1	14.7	14.8	14.8	14.7	14.1	13.0	9.5	4.6	1.3	0.5
-50		1.2	3.7	8.0	12.5	15.2	17.0	17.9	17.9	17.0	15.2	12.5	8.0	3.7	1.2	
-60	0.4	1.1	2.9	6.2	10.7	14.3	16.6	17.6	17.6	16.6	14.3	10.7	6.2	2.9	1.1	0.4
-70		1.0	2.5	5.1	8.9	12.5	15.2	16.4	16.4	15.2	12.5	8.9	5.1	2.5	1.0	
-80	0.2	3.0		8.8		16.4		18.1		16.4		8.8		3.0		0.2
-90																
-90																

Horizontal Angle (degrees)

REPORT NUMBER: P723837

CATALOG NUMBER: IFLD-S-SA2B-830-U-11-VI

Luminous Intensity Polar Plot



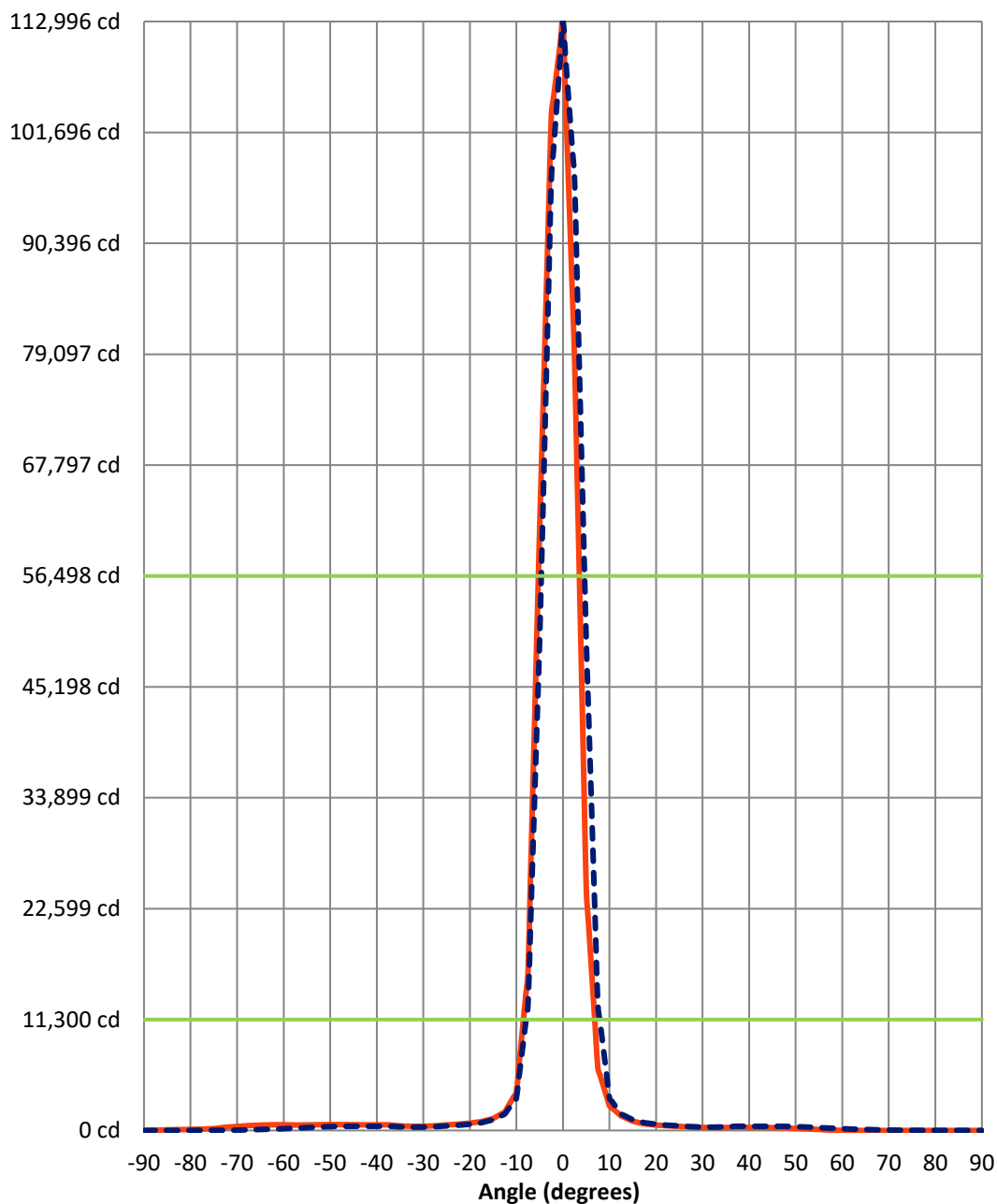
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 0-Deg

REPORT NUMBER: P723837

CATALOG NUMBER: IFLD-S-SA2B-830-U-11-VI

Luminous Intensity Plot



Beam:

H Angle: 9.3°

V Angle: 8.8°

Lumens: 1741.7

Efficiency: 36.3%

Field:

H Angle: 15.8°

V Angle: 15.3°

Lumens: 2776.7

Efficiency: 57.8%

Spill:

Lumens: 2026.2

Efficiency: 42.2%

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

REPORT NUMBER: P723837

CATALOG NUMBER: IFLD-S-SA2B-830-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	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
85°	0.0	1.1	1.1	2.2	2.2	2.2	3.3	4.4	5.5	5.5	6.7
82.5°	0.0	1.1	1.1	2.2	2.2	3.3	3.3	5.5	6.7	7.8	10.0
80°	1.1	1.1	1.1	2.2	2.2	3.3	3.3	4.4	5.5	7.8	8.9
77.5°	0.0	1.1	1.1	1.1	2.2	2.2	2.2	3.3	4.4	5.5	6.7
75°	0.0	1.1	1.1	1.1	2.2	2.2	2.2	2.2	3.3	3.3	4.4
72.5°	0.0	0.0	0.0	1.1	1.1	2.2	2.2	2.2	3.3	3.3	3.3
70°	0.0	0.0	0.0	1.1	1.1	2.2	2.2	2.2	3.3	3.3	3.3
67.5°	0.0	0.0	0.0	1.1	1.1	2.2	2.2	2.2	3.3	3.3	3.3
65°	0.0	0.0	0.0	1.1	1.1	2.2	2.2	3.3	3.3	3.3	3.3
62.5°	1.1	1.1	1.1	2.2	3.3	3.3	4.4	5.5	5.5	5.5	5.5
60°	11.1	12.2	13.3	13.3	12.2	12.2	13.3	13.3	13.3	13.3	13.3
57.5°	29.9	32.2	33.3	33.3	33.3	32.2	36.6	37.7	33.3	31.0	34.4
55°	104.2	107.5	105.3	102.0	95.4	87.6	85.4	84.3	85.4	79.8	71.0
52.5°	151.9	155.2	154.1	151.9	147.5	141.9	137.5	133.0	128.6	119.7	109.8
50°	197.4	198.5	197.4	195.1	190.7	185.2	176.3	166.3	157.4	155.2	146.4
47.5°	248.4	251.7	251.7	250.6	247.2	237.3	224.0	209.6	202.9	200.7	191.8
45°	293.8	296.0	297.1	298.2	297.1	287.2	275.0	267.2	252.8	248.4	248.4
42.5°	306.0	307.1	308.2	309.3	312.7	304.9	294.9	281.6	278.3	277.2	275.0
40°	310.4	308.2	309.3	310.4	311.6	306.0	298.2	290.5	288.3	286.1	286.1
37.5°	352.6	342.6	334.8	328.2	322.6	317.1	309.3	302.7	297.1	292.7	297.1
35°	300.5	300.5	308.2	314.9	321.5	328.2	329.3	321.5	309.3	303.8	311.6
32.5°	307.1	307.1	307.1	309.3	311.6	317.1	322.6	326.0	334.8	324.9	324.9
30°	313.8	314.9	317.1	318.2	314.9	312.7	310.4	310.4	316.0	330.4	338.2
27.5°	352.6	352.6	349.3	344.8	334.8	319.3	311.6	300.5	301.6	308.2	327.1
25°	415.8	413.6	405.8	394.7	377.0	354.8	333.7	310.4	300.5	297.1	304.9
22.5°	475.6	472.3	462.3	452.4	438.0	415.8	380.3	344.8	313.8	300.5	297.1
20°	552.1	544.4	533.3	517.8	494.5	472.3	441.3	394.7	349.3	314.9	301.6
17.5°	675.2	665.2	644.2	616.5	576.5	542.2	497.8	453.5	402.5	347.0	317.1
15°	944.6	919.1	882.6	806.1	727.3	661.9	595.4	521.1	469.0	395.8	350.4
12.5°	1485.7	1415.9	1309.4	1130.9	954.6	802.7	695.2	599.8	515.6	447.9	383.6
10°	2514.6	2364.9	2071.1	1583.3	1258.4	979.0	786.1	658.6	552.1	482.3	411.3
7.5°	6359.7	5187.8	3671.0	2506.8	1646.5	1196.3	899.2	714.0	591.0	504.5	433.5
5°	24786.9	20418.5	10892.2	4545.8	2476.9	1446.9	1001.2	758.4	616.5	521.1	450.1
2.5°	78665.8	67933.3	35641.4	9785.7	3041.3	1629.8	1071.0	786.1	630.9	533.3	462.3
0°	112995.6	96841.3	50020.6	12870.2	3298.5	1676.4	1093.2	791.6	633.1	535.5	462.3
-2.5°	103371.8	90470.5	48319.8	11976.6	3370.6	1689.7	1111.0	810.5	649.7	545.5	465.7
-5°	61422.8	53876.7	33706.6	8539.5	2994.7	1568.9	1064.4	793.9	638.6	540.0	463.5
-7.5°	16183.1	14010.0	9215.8	4456.0	1938.1	1327.2	977.9	766.1	624.2	530.0	454.6
-10°	3901.6	3697.6	3302.9	2024.5	1509.0	1108.7	867.0	716.2	595.4	516.7	440.2
-12.5°	1881.5	1837.2	1667.5	1374.8	1119.8	921.4	785.0	664.1	568.8	493.4	420.2
-15°	1224.0	1198.5	1140.9	1028.9	899.2	803.8	708.5	610.9	535.5	459.0	403.6
-17.5°	905.8	904.7	875.9	833.8	769.5	698.5	628.7	566.6	493.4	428.0	385.8
-20°	750.6	750.6	734.0	706.3	660.8	614.2	567.7	510.0	450.1	401.4	383.6

REPORT NUMBER: P723837

CATALOG NUMBER: IFLD-S-SA2B-830-U-11-VI

CANDELA DISTRIBUTION (continued):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
-22.5°	637.5	638.6	629.8	612.0	587.6	548.8	503.4	456.8	413.6	395.8	390.3
-25°	564.3	562.1	552.1	535.5	510.0	479.0	449.0	418.0	405.8	401.4	409.1
-27.5°	477.9	481.2	476.8	469.0	452.4	430.2	423.5	414.7	416.9	423.5	453.5
-30°	426.9	430.2	434.6	438.0	432.4	426.9	429.1	435.7	450.1	475.6	486.7
-32.5°	426.9	428.0	434.6	441.3	444.6	449.0	461.2	483.4	504.5	497.8	495.6
-35°	465.7	462.3	471.2	480.1	492.3	507.8	521.1	516.7	508.9	506.7	508.9
-37.5°	576.5	555.5	546.6	541.1	537.7	535.5	532.2	528.9	525.5	523.3	526.6
-40°	575.4	569.9	564.3	559.9	556.6	552.1	549.9	548.8	545.5	543.3	541.1
-42.5°	573.2	575.4	575.4	574.3	575.4	574.3	571.0	566.6	561.0	556.6	552.1
-45°	589.8	591.0	593.2	595.4	598.7	594.3	587.6	579.9	572.1	565.5	559.9
-47.5°	599.8	600.9	603.2	606.5	608.7	604.3	595.4	585.4	573.2	562.1	551.0
-50°	603.2	606.5	607.6	607.6	606.5	600.9	587.6	573.2	559.9	548.8	538.8
-52.5°	587.6	591.0	592.1	589.8	588.7	583.2	571.0	557.7	543.3	535.5	526.6
-55°	562.1	566.6	569.9	569.9	569.9	568.8	557.7	545.5	534.4	525.5	516.7
-57.5°	552.1	559.9	566.6	567.7	568.8	569.9	562.1	549.9	536.6	523.3	512.2
-60°	588.7	595.4	598.7	594.3	591.0	587.6	575.4	561.0	547.7	534.4	513.3
-62.5°	578.8	589.8	595.4	592.1	587.6	582.1	568.8	552.1	536.6	522.2	501.1
-65°	546.6	556.6	563.2	557.7	551.0	543.3	531.1	515.6	501.1	486.7	467.9
-67.5°	492.3	506.7	517.8	505.6	496.7	486.7	476.8	463.5	449.0	432.4	414.7
-70°	406.9	418.0	428.0	424.6	422.4	420.2	413.6	400.3	388.1	374.8	359.2
-72.5°	327.1	337.1	345.9	340.4	335.9	329.3	319.3	304.9	290.5	276.1	261.7
-75°	180.7	184.0	187.4	186.3	186.3	186.3	186.3	187.4	185.2	181.8	175.2
-77.5°	138.6	143.0	146.4	148.6	151.9	156.3	159.7	154.1	148.6	143.0	136.4
-80°	108.7	113.1	116.4	128.6	137.5	147.5	154.1	146.4	138.6	131.9	126.4
-82.5°	82.0	85.4	88.7	95.4	99.8	105.3	109.8	109.8	108.7	107.5	104.2
-85°	59.9	64.3	68.7	71.0	74.3	74.3	75.4	71.0	66.5	63.2	58.8
-87.5°	34.4	35.5	35.5	35.5	36.6	36.6	36.6	34.4	33.3	31.0	29.9
-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: P723837

CATALOG NUMBER: IFLD-S-SA2B-830-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°	1.1	1.1	1.1	2.2	2.2	3.3	3.3	4.4	4.4	5.5	5.5
85°	6.7	6.7	6.7	7.8	7.8	8.9	10.0	11.1	12.2	12.2	13.3
82.5°	11.1	12.2	13.3	14.4	15.5	16.6	17.7	18.8	22.2	24.4	25.5
80°	11.1	12.2	15.5	17.7	20.0	22.2	22.2	22.2	22.2	23.3	25.5
77.5°	7.8	8.9	10.0	12.2	17.7	22.2	25.5	27.7	25.5	24.4	22.2
75°	4.4	5.5	6.7	7.8	11.1	15.5	21.1	26.6	31.0	29.9	27.7
72.5°	4.4	4.4	5.5	6.7	7.8	8.9	10.0	15.5	22.2	27.7	31.0
70°	4.4	5.5	5.5	6.7	7.8	8.9	10.0	12.2	15.5	22.2	28.8
67.5°	4.4	5.5	5.5	7.8	10.0	11.1	12.2	11.1	10.0	14.4	21.1
65°	4.4	4.4	5.5	6.7	7.8	8.9	12.2	12.2	11.1	11.1	11.1
62.5°	6.7	6.7	6.7	6.7	7.8	7.8	7.8	10.0	10.0	10.0	10.0
60°	13.3	12.2	12.2	12.2	12.2	10.0	10.0	10.0	8.9	10.0	8.9
57.5°	32.2	26.6	24.4	24.4	21.1	20.0	16.6	12.2	12.2	10.0	10.0
55°	65.4	62.1	52.1	43.2	38.8	34.4	26.6	22.2	16.6	13.3	12.2
52.5°	100.9	92.0	83.2	72.1	61.0	52.1	44.3	34.4	27.7	20.0	15.5
50°	131.9	124.2	114.2	102.0	87.6	76.5	65.4	52.1	41.0	31.0	22.2
47.5°	179.6	164.1	151.9	137.5	120.9	105.3	90.9	75.4	57.7	45.5	34.4
45°	230.6	208.4	191.8	178.5	156.3	135.3	118.6	102.0	80.9	59.9	46.6
42.5°	266.1	249.5	227.3	209.6	189.6	167.4	145.2	127.5	105.3	80.9	59.9
40°	284.9	273.9	256.1	240.6	219.5	195.1	171.9	154.1	130.8	104.2	75.4
37.5°	299.4	293.8	284.9	272.7	252.8	224.0	200.7	179.6	159.7	128.6	97.6
35°	316.0	314.9	309.3	303.8	287.2	259.4	231.7	207.3	182.9	154.1	119.7
32.5°	331.5	330.4	327.1	324.9	318.2	293.8	263.9	236.2	208.4	178.5	140.8
30°	339.3	337.1	337.1	339.3	332.6	317.1	294.9	265.0	233.9	198.5	163.0
27.5°	339.3	337.1	338.2	341.5	340.4	332.6	316.0	291.6	257.2	217.3	182.9
25°	324.9	335.9	335.9	340.4	341.5	339.3	330.4	314.9	279.4	237.3	198.5
22.5°	304.9	331.5	341.5	340.4	341.5	347.0	348.1	333.7	300.5	257.2	214.0
20°	304.9	323.8	352.6	344.8	347.0	359.2	364.8	352.6	322.6	276.1	229.5
17.5°	311.6	323.8	348.1	360.3	363.7	373.6	382.5	374.8	342.6	296.0	250.6
15°	330.4	328.2	344.8	374.8	380.3	388.1	398.0	389.2	360.3	318.2	270.5
12.5°	343.7	331.5	344.8	377.0	394.7	402.5	405.8	399.1	375.9	338.2	290.5
10°	361.4	340.4	347.0	374.8	400.3	405.8	409.1	406.9	390.3	354.8	308.2
7.5°	374.8	344.8	344.8	371.4	405.8	410.2	412.4	414.7	402.5	369.2	323.8
5°	380.3	344.8	342.6	368.1	411.3	415.8	415.8	419.1	411.3	380.3	334.8
2.5°	381.4	343.7	340.4	365.9	421.3	421.3	419.1	422.4	418.0	386.9	342.6
0°	386.9	342.6	339.3	369.2	432.4	428.0	422.4	423.5	421.3	390.3	347.0
-2.5°	386.9	348.1	343.7	371.4	431.3	430.2	428.0	429.1	426.9	400.3	355.9
-5°	392.5	355.9	351.5	381.4	430.2	433.5	434.6	434.6	431.3	406.9	361.4
-7.5°	393.6	361.4	360.3	391.4	432.4	438.0	441.3	443.5	436.8	411.3	365.9
-10°	388.1	363.7	369.2	403.6	434.6	442.4	449.0	452.4	441.3	413.6	368.1
-12.5°	375.9	363.7	378.1	419.1	440.2	449.0	459.0	460.1	445.7	414.7	369.2
-15°	374.8	372.5	393.6	434.6	443.5	454.6	470.1	466.8	449.0	414.7	369.2
-17.5°	373.6	384.7	416.9	440.2	449.0	461.2	473.4	470.1	451.3	414.7	367.0
-20°	383.6	404.7	444.6	445.7	455.7	469.0	475.6	469.0	447.9	411.3	363.7

REPORT NUMBER: P723837

CATALOG NUMBER: IFLD-S-SA2B-830-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°	400.3	440.2	453.5	457.9	466.8	476.8	480.1	470.1	444.6	405.8	358.1
-25°	442.4	462.3	462.3	472.3	481.2	485.6	482.3	471.2	440.2	400.3	352.6
-27.5°	474.5	473.4	479.0	489.0	496.7	496.7	487.8	465.7	433.5	394.7	344.8
-30°	486.7	487.8	495.6	506.7	508.9	503.4	490.1	461.2	428.0	385.8	334.8
-32.5°	498.9	503.4	513.3	518.9	520.0	508.9	484.5	453.5	419.1	375.9	323.8
-35°	513.3	522.2	527.8	528.9	523.3	504.5	476.8	443.5	405.8	361.4	313.8
-37.5°	532.2	536.6	540.0	535.5	520.0	497.8	463.5	430.2	393.6	345.9	299.4
-40°	544.4	546.6	547.7	533.3	514.5	482.3	449.0	414.7	372.5	328.2	283.8
-42.5°	552.1	549.9	541.1	525.5	497.8	466.8	434.6	395.8	353.7	310.4	267.2
-45°	549.9	542.2	528.9	510.0	481.2	450.1	412.4	373.6	333.7	291.6	248.4
-47.5°	541.1	528.9	512.2	490.1	463.5	425.8	388.1	350.4	311.6	270.5	230.6
-50°	530.0	515.6	495.6	467.9	432.4	398.0	363.7	327.1	287.2	249.5	214.0
-52.5°	517.8	502.3	476.8	445.7	406.9	371.4	338.2	302.7	266.1	230.6	199.6
-55°	504.5	489.0	460.1	424.6	385.8	347.0	314.9	284.9	249.5	215.1	187.4
-57.5°	497.8	477.9	447.9	412.4	371.4	331.5	303.8	271.6	239.5	204.0	177.4
-60°	492.3	472.3	444.6	403.6	364.8	327.1	294.9	263.9	229.5	196.2	169.6
-62.5°	476.8	455.7	430.2	390.3	352.6	318.2	289.4	252.8	219.5	188.5	164.1
-65°	445.7	423.5	401.4	365.9	331.5	299.4	270.5	237.3	206.2	179.6	158.5
-67.5°	396.9	378.1	358.1	328.2	299.4	270.5	243.9	215.1	189.6	170.7	159.7
-70°	342.6	322.6	302.7	278.3	253.9	230.6	209.6	188.5	171.9	161.9	153.0
-72.5°	249.5	240.6	230.6	211.8	191.8	177.4	167.4	158.5	146.4	137.5	131.9
-75°	166.3	154.1	138.6	131.9	133.0	130.8	125.3	118.6	113.1	109.8	102.0
-77.5°	129.7	123.1	115.3	107.5	104.2	100.9	96.5	90.9	86.5	78.7	67.6
-80°	119.7	114.2	108.7	103.1	97.6	89.8	80.9	72.1	67.6	64.3	63.2
-82.5°	98.7	92.0	85.4	79.8	72.1	66.5	61.0	56.5	56.5	55.4	54.3
-85°	56.5	54.3	51.0	48.8	46.6	43.2	39.9	37.7	36.6	35.5	34.4
-87.5°	28.8	27.7	25.5	24.4	23.3	22.2	20.0	18.8	17.7	17.7	16.6
-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: P723837

CATALOG NUMBER: IFLD-S-SA2B-830-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°	5.5	5.5	4.4	4.4	4.4	3.3	2.2	2.2	1.1	1.1	0.0
85°	13.3	11.1	10.0	8.9	8.9	6.7	4.4	3.3	2.2	1.1	1.1
82.5°	25.5	22.2	18.8	16.6	13.3	10.0	7.8	5.5	3.3	2.2	1.1
80°	28.8	28.8	27.7	23.3	18.8	14.4	10.0	6.7	4.4	3.3	2.2
77.5°	22.2	24.4	24.4	24.4	23.3	17.7	12.2	7.8	4.4	3.3	2.2
75°	25.5	22.2	21.1	22.2	21.1	17.7	14.4	8.9	5.5	4.4	2.2
72.5°	31.0	26.6	23.3	22.2	20.0	16.6	13.3	10.0	5.5	4.4	3.3
70°	28.8	27.7	25.5	23.3	20.0	16.6	13.3	10.0	6.7	4.4	3.3
67.5°	25.5	25.5	25.5	23.3	20.0	15.5	12.2	8.9	6.7	4.4	3.3
65°	17.7	21.1	23.3	22.2	20.0	15.5	12.2	8.9	6.7	5.5	3.3
62.5°	11.1	14.4	18.8	21.1	18.8	15.5	11.1	8.9	6.7	5.5	3.3
60°	10.0	11.1	13.3	16.6	17.7	14.4	11.1	7.8	6.7	5.5	3.3
57.5°	10.0	10.0	11.1	13.3	14.4	13.3	10.0	6.7	6.7	5.5	4.4
55°	11.1	10.0	10.0	11.1	12.2	12.2	10.0	6.7	6.7	5.5	4.4
52.5°	13.3	11.1	10.0	10.0	10.0	11.1	8.9	6.7	6.7	5.5	4.4
50°	16.6	13.3	12.2	10.0	10.0	10.0	8.9	6.7	5.5	5.5	4.4
47.5°	22.2	17.7	13.3	12.2	10.0	8.9	7.8	6.7	5.5	5.5	4.4
45°	33.3	21.1	17.7	13.3	11.1	10.0	8.9	6.7	5.5	5.5	4.4
42.5°	45.5	31.0	22.2	15.5	12.2	10.0	8.9	7.8	5.5	5.5	4.4
40°	57.7	42.1	27.7	20.0	14.4	11.1	8.9	7.8	6.7	5.5	4.4
37.5°	71.0	52.1	36.6	25.5	16.6	12.2	10.0	7.8	6.7	5.5	4.4
35°	87.6	65.4	45.5	31.0	20.0	14.4	11.1	7.8	6.7	5.5	4.4
32.5°	106.4	77.6	54.3	37.7	25.5	17.7	12.2	8.9	6.7	5.5	4.4
30°	124.2	92.0	64.3	45.5	31.0	20.0	13.3	8.9	6.7	5.5	3.3
27.5°	141.9	106.4	76.5	53.2	37.7	23.3	14.4	10.0	6.7	5.5	4.4
25°	159.7	120.9	88.7	61.0	43.2	27.7	17.7	11.1	6.7	5.5	4.4
22.5°	175.2	135.3	99.8	69.9	49.9	32.2	20.0	12.2	7.8	5.5	4.4
20°	192.9	150.8	112.0	79.8	55.4	36.6	22.2	13.3	7.8	5.5	4.4
17.5°	209.6	166.3	124.2	88.7	62.1	41.0	25.5	14.4	8.9	5.5	4.4
15°	226.2	180.7	135.3	97.6	68.7	45.5	27.7	15.5	10.0	5.5	4.4
12.5°	241.7	194.0	145.2	105.3	74.3	49.9	29.9	16.6	11.1	5.5	4.4
10°	256.1	206.2	155.2	112.0	79.8	53.2	32.2	18.8	12.2	5.5	4.4
7.5°	270.5	216.2	163.0	118.6	86.5	57.7	34.4	20.0	13.3	6.7	4.4
5°	279.4	225.1	169.6	124.2	92.0	62.1	36.6	21.1	14.4	6.7	4.4
2.5°	287.2	231.7	174.1	129.7	97.6	65.4	36.6	22.2	15.5	6.7	4.4
0°	291.6	236.2	177.4	133.0	102.0	67.6	37.7	23.3	16.6	6.7	4.4
-2.5°	301.6	243.9	185.2	137.5	106.4	74.3	39.9	24.4	17.7	7.8	4.4
-5°	308.2	248.4	190.7	141.9	109.8	80.9	43.2	26.6	20.0	10.0	5.5
-7.5°	313.8	252.8	195.1	144.1	113.1	83.2	44.3	27.7	21.1	11.1	5.5
-10°	314.9	255.0	198.5	147.5	115.3	86.5	45.5	28.8	22.2	12.2	5.5
-12.5°	316.0	257.2	199.6	149.7	117.5	88.7	46.6	29.9	23.3	13.3	5.5
-15°	314.9	256.1	199.6	151.9	118.6	86.5	48.8	31.0	24.4	14.4	5.5
-17.5°	312.7	255.0	198.5	150.8	117.5	84.3	49.9	33.3	24.4	15.5	6.7
-20°	309.3	251.7	196.2	149.7	116.4	82.0	51.0	34.4	25.5	15.5	6.7

REPORT NUMBER: P723837

CATALOG NUMBER: IFLD-S-SA2B-830-U-11-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	303.8	246.1	191.8	146.4	114.2	79.8	51.0	36.6	26.6	15.5	6.7
-25°	297.1	240.6	187.4	141.9	110.9	76.5	51.0	37.7	27.7	15.5	6.7
-27.5°	289.4	235.1	180.7	138.6	106.4	74.3	51.0	38.8	28.8	15.5	6.7
-30°	280.5	227.3	175.2	133.0	103.1	74.3	52.1	39.9	29.9	15.5	6.7
-32.5°	271.6	219.5	168.5	128.6	98.7	73.2	52.1	41.0	31.0	14.4	7.8
-35°	261.7	210.7	163.0	125.3	95.4	71.0	53.2	41.0	29.9	14.4	7.8
-37.5°	249.5	199.6	157.4	122.0	93.1	68.7	53.2	42.1	28.8	14.4	7.8
-40°	236.2	190.7	150.8	117.5	89.8	67.6	53.2	42.1	27.7	14.4	8.9
-42.5°	221.7	180.7	144.1	113.1	86.5	66.5	53.2	42.1	26.6	14.4	8.9
-45°	208.4	170.7	136.4	107.5	83.2	66.5	53.2	41.0	24.4	15.5	8.9
-47.5°	194.0	159.7	127.5	102.0	82.0	65.4	52.1	38.8	22.2	15.5	8.9
-50°	181.8	148.6	120.9	96.5	79.8	66.5	53.2	35.5	22.2	15.5	8.9
-52.5°	169.6	140.8	113.1	94.2	77.6	67.6	52.1	33.3	22.2	15.5	8.9
-55°	159.7	133.0	108.7	90.9	79.8	69.9	49.9	29.9	22.2	15.5	8.9
-57.5°	151.9	128.6	105.3	92.0	83.2	67.6	46.6	28.8	22.2	14.4	8.9
-60°	146.4	124.2	106.4	96.5	84.3	64.3	44.3	28.8	22.2	14.4	7.8
-62.5°	141.9	125.3	112.0	99.8	79.8	59.9	42.1	28.8	20.0	13.3	7.8
-65°	143.0	129.7	114.2	95.4	76.5	55.4	38.8	27.7	18.8	12.2	7.8
-67.5°	146.4	126.4	107.5	89.8	68.7	49.9	35.5	25.5	17.7	12.2	7.8
-70°	135.3	116.4	97.6	76.5	58.8	43.2	33.3	23.3	15.5	11.1	7.8
-72.5°	122.0	97.6	77.6	62.1	49.9	39.9	29.9	21.1	14.4	10.0	6.7
-75°	88.7	71.0	57.7	52.1	44.3	35.5	26.6	18.8	13.3	10.0	6.7
-77.5°	63.2	58.8	53.2	47.7	39.9	31.0	23.3	17.7	12.2	8.9	5.5
-80°	62.1	56.5	49.9	41.0	33.3	26.6	20.0	15.5	11.1	7.8	4.4
-82.5°	52.1	44.3	37.7	31.0	25.5	21.1	16.6	12.2	8.9	5.5	3.3
-85°	32.2	27.7	24.4	21.1	17.7	14.4	11.1	7.8	5.5	3.3	2.2
-87.5°	15.5	14.4	12.2	10.0	8.9	6.7	5.5	4.4	3.3	2.2	1.1
-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: P723837

CATALOG NUMBER: IFLD-S-SA2B-830-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°	1.1	0.0	0.0	0.0
80°	1.1	0.0	0.0	0.0
77.5°	1.1	0.0	0.0	0.0
75°	1.1	1.1	0.0	0.0
72.5°	1.1	1.1	0.0	0.0
70°	2.2	1.1	1.1	0.0
67.5°	2.2	1.1	1.1	0.0
65°	2.2	1.1	1.1	0.0
62.5°	2.2	1.1	1.1	0.0
60°	2.2	1.1	1.1	0.0
57.5°	2.2	1.1	1.1	0.0
55°	2.2	1.1	1.1	0.0
52.5°	2.2	1.1	1.1	0.0
50°	2.2	1.1	1.1	0.0
47.5°	2.2	2.2	1.1	0.0
45°	2.2	2.2	1.1	0.0
42.5°	2.2	2.2	1.1	0.0
40°	2.2	2.2	1.1	0.0
37.5°	2.2	2.2	1.1	0.0
35°	2.2	2.2	1.1	0.0
32.5°	3.3	2.2	1.1	0.0
30°	3.3	2.2	2.2	0.0
27.5°	3.3	2.2	2.2	0.0
25°	3.3	2.2	2.2	0.0
22.5°	3.3	2.2	2.2	0.0
20°	3.3	2.2	2.2	0.0
17.5°	3.3	2.2	2.2	0.0
15°	3.3	2.2	2.2	0.0
12.5°	3.3	2.2	2.2	0.0
10°	3.3	2.2	2.2	0.0
7.5°	3.3	2.2	2.2	0.0
5°	3.3	2.2	2.2	0.0
2.5°	3.3	2.2	2.2	0.0
0°	3.3	2.2	2.2	0.0
-2.5°	3.3	2.2	2.2	0.0
-5°	3.3	2.2	2.2	0.0
-7.5°	3.3	2.2	2.2	0.0
-10°	3.3	2.2	2.2	0.0
-12.5°	4.4	2.2	2.2	0.0
-15°	4.4	2.2	2.2	0.0
-17.5°	4.4	2.2	2.2	0.0
-20°	4.4	2.2	2.2	0.0



REPORT NUMBER: P723837

CATALOG NUMBER: IFLD-S-SA2B-830-U-11-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	4.4	2.2	2.2	0.0
-25°	4.4	2.2	2.2	0.0
-27.5°	4.4	2.2	2.2	0.0
-30°	4.4	2.2	2.2	0.0
-32.5°	4.4	2.2	2.2	0.0
-35°	4.4	2.2	2.2	0.0
-37.5°	4.4	2.2	2.2	0.0
-40°	4.4	2.2	2.2	0.0
-42.5°	3.3	2.2	1.1	0.0
-45°	4.4	2.2	1.1	0.0
-47.5°	4.4	2.2	1.1	0.0
-50°	4.4	2.2	1.1	0.0
-52.5°	4.4	2.2	1.1	0.0
-55°	4.4	2.2	1.1	0.0
-57.5°	4.4	2.2	1.1	0.0
-60°	4.4	2.2	1.1	0.0
-62.5°	4.4	2.2	1.1	0.0
-65°	4.4	2.2	1.1	0.0
-67.5°	4.4	2.2	1.1	0.0
-70°	4.4	1.1	1.1	0.0
-72.5°	3.3	1.1	1.1	0.0
-75°	3.3	1.1	1.1	0.0
-77.5°	2.2	1.1	0.0	0.0
-80°	2.2	1.1	0.0	0.0
-82.5°	2.2	1.1	0.0	0.0
-85°	1.1	0.0	0.0	0.0
-87.5°	1.1	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)