

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: P723667

Luminaire Tested: **IFLD-S-SA3A-730-U-11-VI**

Issue Date: 01/11/2023

Test Information

Test Method: LM-79-2019
Report Number: P723667
Test Lab: INNOVATION CENTER(G2)
Issue Date: 01/11/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA3A-730-U-11-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 1 distribution lens and Visor
Light Source: (48) 3000K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	1H x 1V
Luminaire Lumens:	6632.5 lumens	Max Intensity:	156038.3 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	70.0 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:	2405.2 lumens	Field Lumens:	3834.4 lumens
Beam Efficiency:	36.3%	Field Efficiency:	57.8%

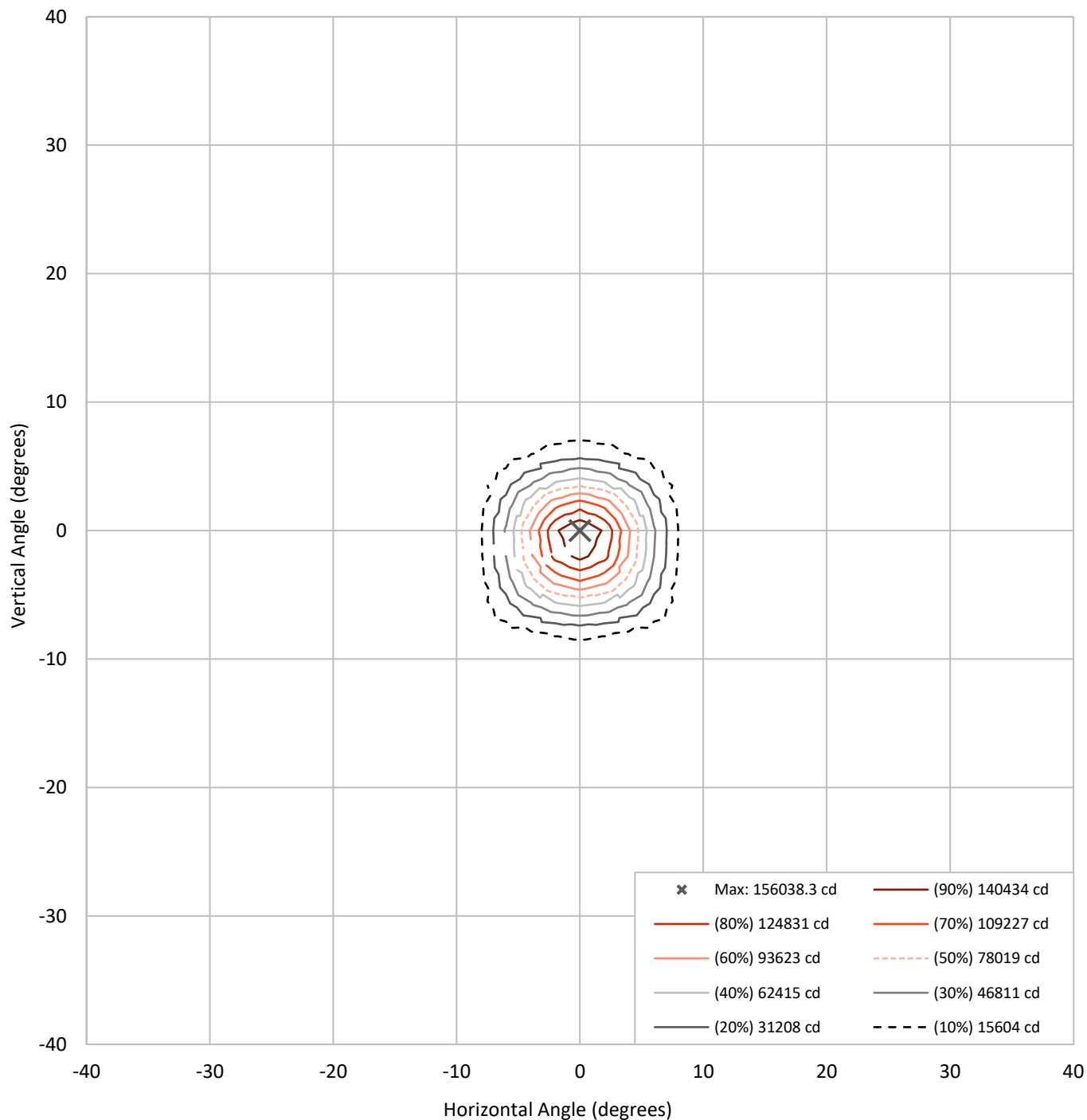
Input Watts (W): 94.8
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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Iso-Candela Plot



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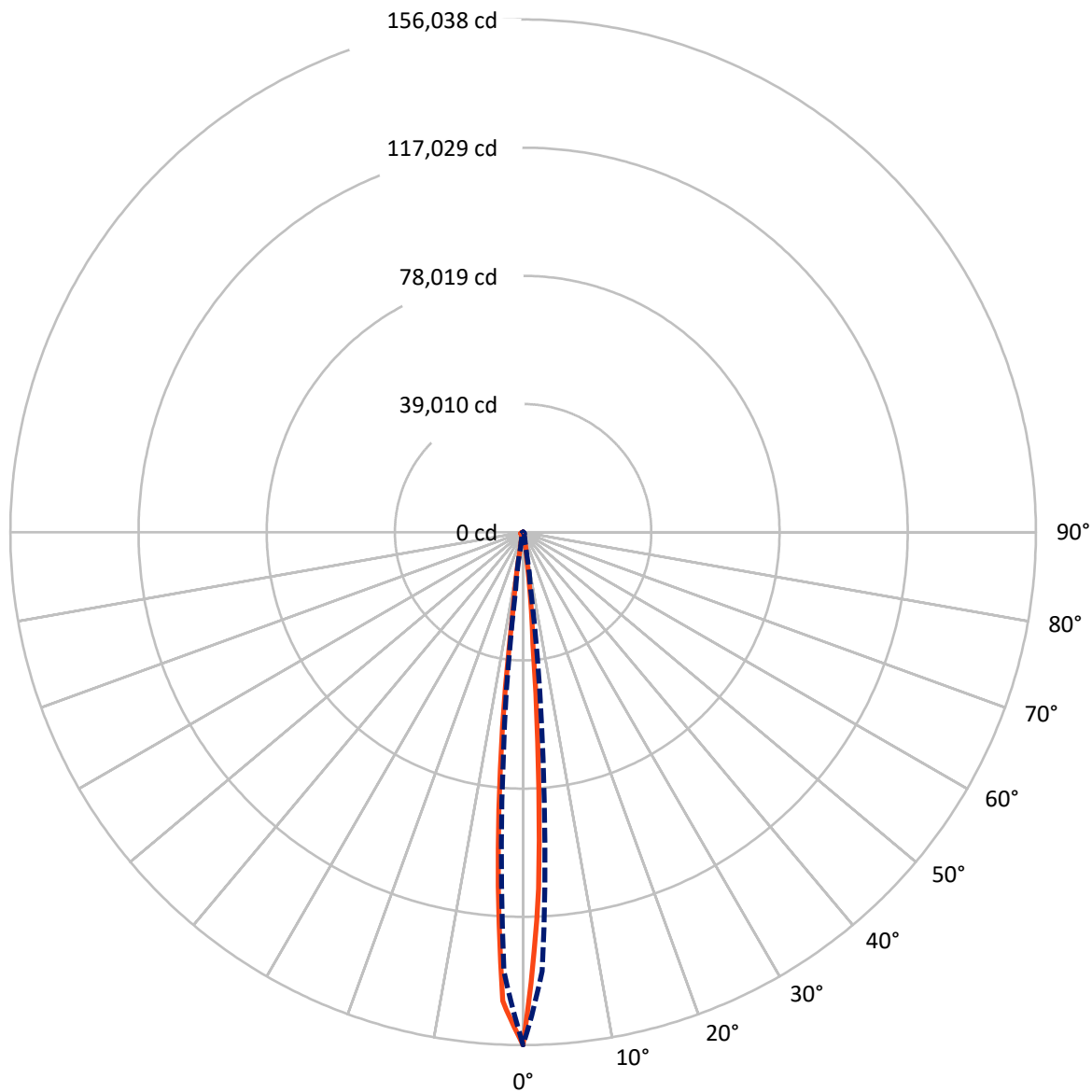
Lumen Table

Vertical Angle (degrees)																
	0.1	1.5		1.6		0.6		0.2		0.6		1.6		1.5		0.1
90																
80	0.1	1.5		1.6		0.6		0.2		0.6		1.6		1.5		0.1
70																
60	0.2	0.3	0.4	0.3	0.3	0.2	0.2	0.1	0.1	0.2	0.2	0.3	0.3	0.4	0.3	0.2
50		0.2	0.3	0.8	1.7	2.8	3.6	4.1	4.1	3.6	2.8	1.7	0.8	0.3	0.2	
40	0.2	0.2	0.9	3.0	6.0	8.7	10.5	11.6	11.6	10.5	8.7	6.0	3.0	0.9	0.2	0.2
30		0.4	2.3	6.2	10.1	11.8	12.8	13.2	13.2	12.8	11.8	10.1	6.2	2.3	0.4	
20	0.3	0.9	3.9	9.0	11.7	12.0	14.2	17.1	17.1	14.2	12.0	11.7	9.0	3.9	0.9	0.3
10		1.3	5.5	11.1	12.5	14.1	24.7	42.1	42.1	24.7	14.1	12.5	11.1	5.5	1.3	
0	0.4	1.7	6.8	12.2	12.9	17.4	47.0	870.7	870.7	47.0	17.4	12.9	12.2	6.8	1.7	0.4
-10		2.0	7.4	12.8	13.4	17.9	50.6	1269.5	1269.5	50.6	17.9	13.4	12.8	7.4	2.0	
-20	0.6	2.2	7.6	13.5	14.5	16.2	29.4	56.5	56.5	29.4	16.2	14.5	13.5	7.6	2.2	0.6
-30		2.1	7.2	13.7	16.3	16.3	19.1	23.2	23.2	19.1	16.3	16.3	13.7	7.2	2.1	
-40	0.7	1.8	6.4	13.1	17.9	19.5	20.3	20.5	20.5	20.3	19.5	17.9	13.1	6.4	1.8	0.7
-50		1.6	5.1	11.1	17.3	21.0	23.5	24.7	24.7	23.5	21.0	17.3	11.1	5.1	1.6	
-60	0.6	1.5	4.0	8.6	14.7	19.8	23.0	24.3	24.3	23.0	19.8	14.7	8.6	4.0	1.5	0.6
-70		1.3	3.5	7.0	12.3	17.3	20.9	22.6	22.6	20.9	17.3	12.3	7.0	3.5	1.3	
-80	0.3	4.1		12.2		22.6		25.0		22.6		12.2		4.1		0.3
-90																
Horizontal Angle (degrees)																
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	90

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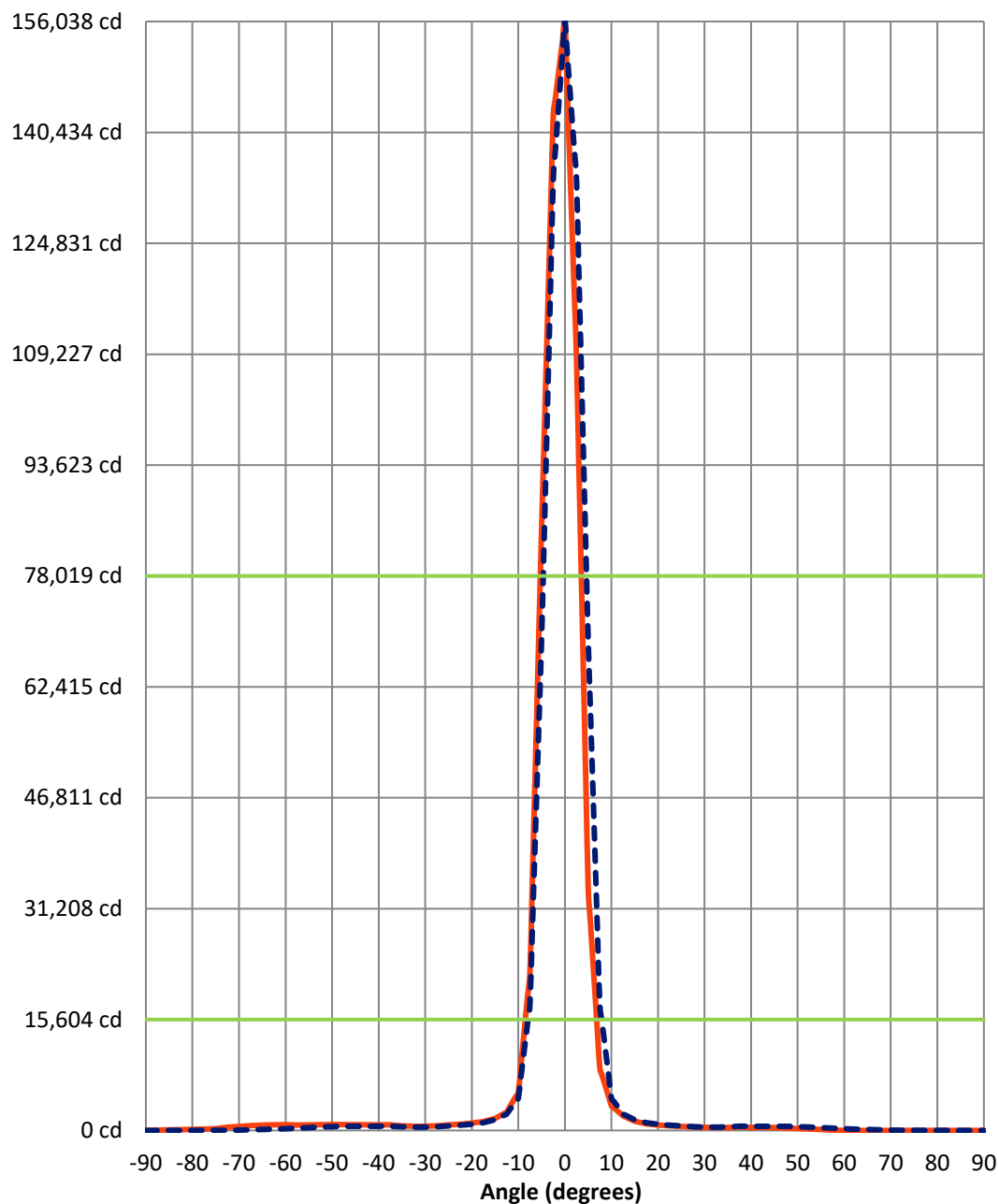
Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:

H Angle: 9.3°

V Angle: 8.8°

Lumens: 2405.2

Efficiency: 36.3%

Field:

H Angle: 15.8°

V Angle: 15.3°

Lumens: 3834.4

Efficiency: 57.8%

Spill:

Lumens: 2798.1

Efficiency: 42.2%

— 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	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
85°	0.0	1.5	1.5	3.1	3.1	3.1	4.6	6.1	7.7	7.7	9.2
82.5°	0.0	1.5	1.5	3.1	3.1	4.6	4.6	7.7	9.2	10.7	13.8
80°	1.5	1.5	1.5	3.1	3.1	4.6	4.6	6.1	7.7	10.7	12.2
77.5°	0.0	1.5	1.5	1.5	3.1	3.1	3.1	4.6	6.1	7.7	9.2
75°	0.0	1.5	1.5	1.5	3.1	3.1	3.1	3.1	4.6	4.6	6.1
72.5°	0.0	0.0	0.0	1.5	1.5	3.1	3.1	3.1	4.6	4.6	4.6
70°	0.0	0.0	0.0	1.5	1.5	3.1	3.1	3.1	4.6	4.6	4.6
67.5°	0.0	0.0	0.0	1.5	1.5	3.1	3.1	3.1	4.6	4.6	4.6
65°	0.0	0.0	0.0	1.5	1.5	3.1	3.1	4.6	4.6	4.6	4.6
62.5°	1.5	1.5	1.5	3.1	4.6	4.6	6.1	7.7	7.7	7.7	7.7
60°	15.3	16.8	18.4	18.4	16.8	16.8	18.4	18.4	18.4	18.4	18.4
57.5°	41.3	44.4	45.9	45.9	45.9	44.4	50.5	52.1	45.9	42.9	47.5
55°	143.9	148.5	145.5	140.9	131.7	121.0	117.9	116.4	117.9	110.2	98.0
52.5°	209.8	214.4	212.8	209.8	203.6	196.0	189.9	183.7	177.6	165.4	151.6
50°	272.5	274.1	272.5	269.5	263.3	255.7	243.4	229.7	217.4	214.4	202.1
47.5°	343.0	347.6	347.6	346.0	341.4	327.7	309.3	289.4	280.2	277.1	264.9
45°	405.7	408.8	410.3	411.9	410.3	396.5	379.7	369.0	349.1	343.0	343.0
42.5°	422.6	424.1	425.6	427.2	431.8	421.0	407.3	388.9	384.3	382.8	379.7
40°	428.7	425.6	427.2	428.7	430.2	422.6	411.9	401.1	398.1	395.0	395.0
37.5°	486.9	473.1	462.4	453.2	445.5	437.9	427.2	418.0	410.3	404.2	410.3
35°	414.9	414.9	425.6	434.8	444.0	453.2	454.7	444.0	427.2	419.5	430.2
32.5°	424.1	424.1	424.1	427.2	430.2	437.9	445.5	450.1	462.4	448.6	448.6
30°	433.3	434.8	437.9	439.4	434.8	431.8	428.7	428.7	436.4	456.3	467.0
27.5°	486.9	486.9	482.3	476.2	462.4	441.0	430.2	414.9	416.5	425.6	451.7
25°	574.2	571.1	560.4	545.1	520.6	489.9	460.9	428.7	414.9	410.3	421.0
22.5°	656.8	652.2	638.5	624.7	604.8	574.2	525.2	476.2	433.3	414.9	410.3
20°	762.5	751.8	736.4	715.0	682.9	652.2	609.4	545.1	482.3	434.8	416.5
17.5°	932.4	918.6	889.6	851.3	796.2	748.7	687.5	626.2	555.8	479.2	437.9
15°	1304.5	1269.3	1218.7	1113.1	1004.4	914.1	822.2	719.6	647.6	546.6	483.8
12.5°	2051.6	1955.2	1808.2	1561.7	1318.3	1108.5	960.0	828.3	712.0	618.6	529.8
10°	3472.5	3265.8	2860.1	2186.4	1737.8	1351.9	1085.5	909.5	762.5	666.0	568.0
7.5°	8782.3	7163.9	5069.4	3461.8	2273.7	1652.0	1241.7	986.0	816.1	696.6	598.7
5°	34228.8	28196.3	15041.3	6277.4	3420.4	1998.1	1382.6	1047.3	851.3	719.6	621.6
2.5°	108631.5	93810.7	49218.0	13513.3	4199.7	2250.7	1479.0	1085.5	871.2	736.4	638.5
0°	156038.3	133730.5	69074.6	17772.8	4555.0	2315.0	1509.6	1093.2	874.2	739.5	638.5
-2.5°	142748.5	124932.9	66725.9	16538.7	4654.5	2333.4	1534.1	1119.2	897.2	753.3	643.1
-5°	84820.2	74399.7	46546.3	11792.4	4135.4	2166.5	1469.8	1096.3	881.9	745.6	640.0
-7.5°	22347.6	19346.7	12726.3	6153.4	2676.3	1832.7	1350.4	1058.0	862.0	731.9	627.7
-10°	5387.9	5106.1	4561.1	2795.7	2083.8	1531.1	1197.3	989.1	822.2	713.5	607.8
-12.5°	2598.2	2537.0	2302.7	1898.5	1546.4	1272.3	1084.0	917.1	785.4	681.3	580.3
-15°	1690.3	1655.1	1575.5	1420.8	1241.7	1110.0	978.4	843.6	739.5	633.9	557.3
-17.5°	1250.9	1249.4	1209.6	1151.4	1062.6	964.6	868.1	782.4	681.3	591.0	532.8
-20°	1036.5	1036.5	1013.6	975.3	912.5	848.2	783.9	704.3	621.6	554.3	529.8

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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°	880.4	881.9	869.7	845.2	811.5	757.9	695.1	630.8	571.1	546.6	538.9
-25°	779.3	776.3	762.5	739.5	704.3	661.4	620.1	577.2	560.4	554.3	565.0
-27.5°	659.9	664.5	658.4	647.6	624.7	594.1	584.9	572.6	575.7	584.9	626.2
-30°	589.5	594.1	600.2	604.8	597.1	589.5	592.5	601.7	621.6	656.8	672.1
-32.5°	589.5	591.0	600.2	609.4	614.0	620.1	636.9	667.6	696.6	687.5	684.4
-35°	643.1	638.5	650.7	663.0	679.8	701.2	719.6	713.5	702.8	699.7	702.8
-37.5°	796.2	767.1	754.8	747.2	742.6	739.5	734.9	730.3	725.7	722.7	727.3
-40°	794.6	787.0	779.3	773.2	768.6	762.5	759.4	757.9	753.3	750.2	747.2
-42.5°	791.6	794.6	794.6	793.1	794.6	793.1	788.5	782.4	774.7	768.6	762.5
-45°	814.5	816.1	819.1	822.2	826.8	820.7	811.5	800.8	790.0	780.8	773.2
-47.5°	828.3	829.8	832.9	837.5	840.6	834.4	822.2	808.4	791.6	776.3	760.9
-50°	832.9	837.5	839.0	839.0	837.5	829.8	811.5	791.6	773.2	757.9	744.1
-52.5°	811.5	816.1	817.6	814.5	813.0	805.3	788.5	770.1	750.2	739.5	727.3
-55°	776.3	782.4	787.0	787.0	787.0	785.4	770.1	753.3	738.0	725.7	713.5
-57.5°	762.5	773.2	782.4	783.9	785.4	787.0	776.3	759.4	741.0	722.7	707.4
-60°	813.0	822.2	826.8	820.7	816.1	811.5	794.6	774.7	756.4	738.0	708.9
-62.5°	799.2	814.5	822.2	817.6	811.5	803.8	785.4	762.5	741.0	721.1	692.0
-65°	754.8	768.6	777.8	770.1	760.9	750.2	733.4	712.0	692.0	672.1	646.1
-67.5°	679.8	699.7	715.0	698.2	685.9	672.1	658.4	640.0	620.1	597.1	572.6
-70°	561.9	577.2	591.0	586.4	583.3	580.3	571.1	552.7	535.9	517.5	496.1
-72.5°	451.7	465.4	477.7	470.0	463.9	454.7	441.0	421.0	401.1	381.2	361.3
-75°	249.6	254.2	258.8	257.2	257.2	257.2	257.2	258.8	255.7	251.1	241.9
-77.5°	191.4	197.5	202.1	205.2	209.8	215.9	220.5	212.8	205.2	197.5	188.3
-80°	150.0	156.2	160.8	177.6	189.9	203.6	212.8	202.1	191.4	182.2	174.5
-82.5°	113.3	117.9	122.5	131.7	137.8	145.5	151.6	151.6	150.0	148.5	143.9
-85°	82.7	88.8	94.9	98.0	102.6	102.6	104.1	98.0	91.9	87.3	81.1
-87.5°	47.5	49.0	49.0	49.0	50.5	50.5	50.5	47.5	45.9	42.9	41.3
-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°	1.5	1.5	1.5	3.1	3.1	4.6	4.6	6.1	6.1	7.7	7.7
85°	9.2	9.2	9.2	10.7	10.7	12.2	13.8	15.3	16.8	16.8	18.4
82.5°	15.3	16.8	18.4	19.9	21.4	23.0	24.5	26.0	30.6	33.7	35.2
80°	15.3	16.8	21.4	24.5	27.6	30.6	30.6	30.6	30.6	32.2	35.2
77.5°	10.7	12.2	13.8	16.8	24.5	30.6	35.2	38.3	35.2	33.7	30.6
75°	6.1	7.7	9.2	10.7	15.3	21.4	29.1	36.7	42.9	41.3	38.3
72.5°	6.1	6.1	7.7	9.2	10.7	12.2	13.8	21.4	30.6	38.3	42.9
70°	6.1	7.7	7.7	9.2	10.7	12.2	13.8	16.8	21.4	30.6	39.8
67.5°	6.1	7.7	7.7	10.7	13.8	15.3	16.8	15.3	13.8	19.9	29.1
65°	6.1	6.1	7.7	9.2	10.7	12.2	16.8	16.8	15.3	15.3	15.3
62.5°	9.2	9.2	9.2	9.2	10.7	10.7	10.7	13.8	13.8	13.8	13.8
60°	18.4	16.8	16.8	16.8	16.8	13.8	13.8	13.8	12.2	13.8	12.2
57.5°	44.4	36.7	33.7	33.7	29.1	27.6	23.0	16.8	16.8	13.8	13.8
55°	90.3	85.7	72.0	59.7	53.6	47.5	36.7	30.6	23.0	18.4	16.8
52.5°	139.3	127.1	114.8	99.5	84.2	72.0	61.2	47.5	38.3	27.6	21.4
50°	182.2	171.5	157.7	140.9	121.0	105.6	90.3	72.0	56.6	42.9	30.6
47.5°	248.0	226.6	209.8	189.9	166.9	145.5	125.5	104.1	79.6	62.8	47.5
45°	318.5	287.8	264.9	246.5	215.9	186.8	163.8	140.9	111.8	82.7	64.3
42.5°	367.5	344.5	313.9	289.4	261.8	231.2	200.6	176.1	145.5	111.8	82.7
40°	393.5	378.2	353.7	332.2	303.2	269.5	237.3	212.8	180.7	143.9	104.1
37.5°	413.4	405.7	393.5	376.6	349.1	309.3	277.1	248.0	220.5	177.6	134.7
35°	436.4	434.8	427.2	419.5	396.5	358.3	320.0	286.3	252.6	212.8	165.4
32.5°	457.8	456.3	451.7	448.6	439.4	405.7	364.4	326.1	287.8	246.5	194.4
30°	468.5	465.4	465.4	468.5	459.3	437.9	407.3	365.9	323.1	274.1	225.1
27.5°	468.5	465.4	467.0	471.6	470.0	459.3	436.4	402.7	355.2	300.1	252.6
25°	448.6	463.9	463.9	470.0	471.6	468.5	456.3	434.8	385.8	327.7	274.1
22.5°	421.0	457.8	471.6	470.0	471.6	479.2	480.8	460.9	414.9	355.2	295.5
20°	421.0	447.1	486.9	476.2	479.2	496.1	503.7	486.9	445.5	381.2	316.9
17.5°	430.2	447.1	480.8	497.6	502.2	516.0	528.2	517.5	473.1	408.8	346.0
15°	456.3	453.2	476.2	517.5	525.2	535.9	549.7	537.4	497.6	439.4	373.6
12.5°	474.6	457.8	476.2	520.6	545.1	555.8	560.4	551.2	519.0	467.0	401.1
10°	499.1	470.0	479.2	517.5	552.7	560.4	565.0	561.9	538.9	489.9	425.6
7.5°	517.5	476.2	476.2	512.9	560.4	566.5	569.6	572.6	555.8	509.8	447.1
5°	525.2	476.2	473.1	508.3	568.0	574.2	574.2	578.7	568.0	525.2	462.4
2.5°	526.7	474.6	470.0	505.3	581.8	581.8	578.7	583.3	577.2	534.3	473.1
0°	534.3	473.1	468.5	509.8	597.1	591.0	583.3	584.9	581.8	538.9	479.2
-2.5°	534.3	480.8	474.6	512.9	595.6	594.1	591.0	592.5	589.5	552.7	491.5
-5°	542.0	491.5	485.4	526.7	594.1	598.7	600.2	600.2	595.6	561.9	499.1
-7.5°	543.5	499.1	497.6	540.5	597.1	604.8	609.4	612.4	603.2	568.0	505.3
-10°	535.9	502.2	509.8	557.3	600.2	610.9	620.1	624.7	609.4	571.1	508.3
-12.5°	519.0	502.2	522.1	578.7	607.8	620.1	633.9	635.4	615.5	572.6	509.8
-15°	517.5	514.4	543.5	600.2	612.4	627.7	649.2	644.6	620.1	572.6	509.8
-17.5°	516.0	531.3	575.7	607.8	620.1	636.9	653.8	649.2	623.1	572.6	506.8
-20°	529.8	558.8	614.0	615.5	629.3	647.6	656.8	647.6	618.6	568.0	502.2

REPORT NUMBER: P723667

CATALOG NUMBER: IFLD-S-SA3A-730-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°	552.7	607.8	626.2	632.3	644.6	658.4	663.0	649.2	614.0	560.4	494.5
-25°	610.9	638.5	638.5	652.2	664.5	670.6	666.0	650.7	607.8	552.7	486.9
-27.5°	655.3	653.8	661.4	675.2	685.9	685.9	673.7	643.1	598.7	545.1	476.2
-30°	672.1	673.7	684.4	699.7	702.8	695.1	676.7	636.9	591.0	532.8	462.4
-32.5°	689.0	695.1	708.9	716.5	718.1	702.8	669.1	626.2	578.7	519.0	447.1
-35°	708.9	721.1	728.8	730.3	722.7	696.6	658.4	612.4	560.4	499.1	433.3
-37.5°	734.9	741.0	745.6	739.5	718.1	687.5	640.0	594.1	543.5	477.7	413.4
-40°	751.8	754.8	756.4	736.4	710.4	666.0	620.1	572.6	514.4	453.2	392.0
-42.5°	762.5	759.4	747.2	725.7	687.5	644.6	600.2	546.6	488.4	428.7	369.0
-45°	759.4	748.7	730.3	704.3	664.5	621.6	569.6	516.0	460.9	402.7	343.0
-47.5°	747.2	730.3	707.4	676.7	640.0	587.9	535.9	483.8	430.2	373.6	318.5
-50°	731.9	712.0	684.4	646.1	597.1	549.7	502.2	451.7	396.5	344.5	295.5
-52.5°	715.0	693.6	658.4	615.5	561.9	512.9	467.0	418.0	367.5	318.5	275.6
-55°	696.6	675.2	635.4	586.4	532.8	479.2	434.8	393.5	344.5	297.0	258.8
-57.5°	687.5	659.9	618.6	569.6	512.9	457.8	419.5	375.1	330.7	281.7	245.0
-60°	679.8	652.2	614.0	557.3	503.7	451.7	407.3	364.4	316.9	271.0	234.3
-62.5°	658.4	629.3	594.1	538.9	486.9	439.4	399.6	349.1	303.2	260.3	226.6
-65°	615.5	584.9	554.3	505.3	457.8	413.4	373.6	327.7	284.8	248.0	218.9
-67.5°	548.1	522.1	494.5	453.2	413.4	373.6	336.8	297.0	261.8	235.8	220.5
-70°	473.1	445.5	418.0	384.3	350.6	318.5	289.4	260.3	237.3	223.5	211.3
-72.5°	344.5	332.2	318.5	292.4	264.9	245.0	231.2	218.9	202.1	189.9	182.2
-75°	229.7	212.8	191.4	182.2	183.7	180.7	173.0	163.8	156.2	151.6	140.9
-77.5°	179.1	169.9	159.2	148.5	143.9	139.3	133.2	125.5	119.4	108.7	93.4
-80°	165.4	157.7	150.0	142.4	134.7	124.0	111.8	99.5	93.4	88.8	87.3
-82.5°	136.3	127.1	117.9	110.2	99.5	91.9	84.2	78.1	78.1	76.6	75.0
-85°	78.1	75.0	70.4	67.4	64.3	59.7	55.1	52.1	50.5	49.0	47.5
-87.5°	39.8	38.3	35.2	33.7	32.2	30.6	27.6	26.0	24.5	24.5	23.0
-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: P723667

CATALOG NUMBER: IFLD-S-SA3A-730-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°	7.7	7.7	6.1	6.1	6.1	4.6	3.1	3.1	1.5	1.5	0.0
85°	18.4	15.3	13.8	12.2	12.2	9.2	6.1	4.6	3.1	1.5	1.5
82.5°	35.2	30.6	26.0	23.0	18.4	13.8	10.7	7.7	4.6	3.1	1.5
80°	39.8	39.8	38.3	32.2	26.0	19.9	13.8	9.2	6.1	4.6	3.1
77.5°	30.6	33.7	33.7	33.7	32.2	24.5	16.8	10.7	6.1	4.6	3.1
75°	35.2	30.6	29.1	30.6	29.1	24.5	19.9	12.2	7.7	6.1	3.1
72.5°	42.9	36.7	32.2	30.6	27.6	23.0	18.4	13.8	7.7	6.1	4.6
70°	39.8	38.3	35.2	32.2	27.6	23.0	18.4	13.8	9.2	6.1	4.6
67.5°	35.2	35.2	35.2	32.2	27.6	21.4	16.8	12.2	9.2	6.1	4.6
65°	24.5	29.1	32.2	30.6	27.6	21.4	16.8	12.2	9.2	7.7	4.6
62.5°	15.3	19.9	26.0	29.1	26.0	21.4	15.3	12.2	9.2	7.7	4.6
60°	13.8	15.3	18.4	23.0	24.5	19.9	15.3	10.7	9.2	7.7	4.6
57.5°	13.8	13.8	15.3	18.4	19.9	18.4	13.8	9.2	9.2	7.7	6.1
55°	15.3	13.8	13.8	15.3	16.8	16.8	13.8	9.2	9.2	7.7	6.1
52.5°	18.4	15.3	13.8	13.8	13.8	15.3	12.2	9.2	9.2	7.7	6.1
50°	23.0	18.4	16.8	13.8	13.8	13.8	12.2	9.2	7.7	7.7	6.1
47.5°	30.6	24.5	18.4	16.8	13.8	12.2	10.7	9.2	7.7	7.7	6.1
45°	45.9	29.1	24.5	18.4	15.3	13.8	12.2	9.2	7.7	7.7	6.1
42.5°	62.8	42.9	30.6	21.4	16.8	13.8	12.2	10.7	7.7	7.7	6.1
40°	79.6	58.2	38.3	27.6	19.9	15.3	12.2	10.7	9.2	7.7	6.1
37.5°	98.0	72.0	50.5	35.2	23.0	16.8	13.8	10.7	9.2	7.7	6.1
35°	121.0	90.3	62.8	42.9	27.6	19.9	15.3	10.7	9.2	7.7	6.1
32.5°	147.0	107.2	75.0	52.1	35.2	24.5	16.8	12.2	9.2	7.7	6.1
30°	171.5	127.1	88.8	62.8	42.9	27.6	18.4	12.2	9.2	7.7	4.6
27.5°	196.0	147.0	105.6	73.5	52.1	32.2	19.9	13.8	9.2	7.7	6.1
25°	220.5	166.9	122.5	84.2	59.7	38.3	24.5	15.3	9.2	7.7	6.1
22.5°	241.9	186.8	137.8	96.5	68.9	44.4	27.6	16.8	10.7	7.7	6.1
20°	266.4	208.2	154.6	110.2	76.6	50.5	30.6	18.4	10.7	7.7	6.1
17.5°	289.4	229.7	171.5	122.5	85.7	56.6	35.2	19.9	12.2	7.7	6.1
15°	312.3	249.6	186.8	134.7	94.9	62.8	38.3	21.4	13.8	7.7	6.1
12.5°	333.8	267.9	200.6	145.5	102.6	68.9	41.3	23.0	15.3	7.7	6.1
10°	353.7	284.8	214.4	154.6	110.2	73.5	44.4	26.0	16.8	7.7	6.1
7.5°	373.6	298.6	225.1	163.8	119.4	79.6	47.5	27.6	18.4	9.2	6.1
5°	385.8	310.8	234.3	171.5	127.1	85.7	50.5	29.1	19.9	9.2	6.1
2.5°	396.5	320.0	240.4	179.1	134.7	90.3	50.5	30.6	21.4	9.2	6.1
0°	402.7	326.1	245.0	183.7	140.9	93.4	52.1	32.2	23.0	9.2	6.1
-2.5°	416.5	336.8	255.7	189.9	147.0	102.6	55.1	33.7	24.5	10.7	6.1
-5°	425.6	343.0	263.3	196.0	151.6	111.8	59.7	36.7	27.6	13.8	7.7
-7.5°	433.3	349.1	269.5	199.0	156.2	114.8	61.2	38.3	29.1	15.3	7.7
-10°	434.8	352.1	274.1	203.6	159.2	119.4	62.8	39.8	30.6	16.8	7.7
-12.5°	436.4	355.2	275.6	206.7	162.3	122.5	64.3	41.3	32.2	18.4	7.7
-15°	434.8	353.7	275.6	209.8	163.8	119.4	67.4	42.9	33.7	19.9	7.7
-17.5°	431.8	352.1	274.1	208.2	162.3	116.4	68.9	45.9	33.7	21.4	9.2
-20°	427.2	347.6	271.0	206.7	160.8	113.3	70.4	47.5	35.2	21.4	9.2

REPORT NUMBER: P723667

CATALOG NUMBER: IFLD-S-SA3A-730-U-11-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	419.5	339.9	264.9	202.1	157.7	110.2	70.4	50.5	36.7	21.4	9.2
-25°	410.3	332.2	258.8	196.0	153.1	105.6	70.4	52.1	38.3	21.4	9.2
-27.5°	399.6	324.6	249.6	191.4	147.0	102.6	70.4	53.6	39.8	21.4	9.2
-30°	387.4	313.9	241.9	183.7	142.4	102.6	72.0	55.1	41.3	21.4	9.2
-32.5°	375.1	303.2	232.7	177.6	136.3	101.1	72.0	56.6	42.9	19.9	10.7
-35°	361.3	290.9	225.1	173.0	131.7	98.0	73.5	56.6	41.3	19.9	10.7
-37.5°	344.5	275.6	217.4	168.4	128.6	94.9	73.5	58.2	39.8	19.9	10.7
-40°	326.1	263.3	208.2	162.3	124.0	93.4	73.5	58.2	38.3	19.9	12.2
-42.5°	306.2	249.6	199.0	156.2	119.4	91.9	73.5	58.2	36.7	19.9	12.2
-45°	287.8	235.8	188.3	148.5	114.8	91.9	73.5	56.6	33.7	21.4	12.2
-47.5°	267.9	220.5	176.1	140.9	113.3	90.3	72.0	53.6	30.6	21.4	12.2
-50°	251.1	205.2	166.9	133.2	110.2	91.9	73.5	49.0	30.6	21.4	12.2
-52.5°	234.3	194.4	156.2	130.1	107.2	93.4	72.0	45.9	30.6	21.4	12.2
-55°	220.5	183.7	150.0	125.5	110.2	96.5	68.9	41.3	30.6	21.4	12.2
-57.5°	209.8	177.6	145.5	127.1	114.8	93.4	64.3	39.8	30.6	19.9	12.2
-60°	202.1	171.5	147.0	133.2	116.4	88.8	61.2	39.8	30.6	19.9	10.7
-62.5°	196.0	173.0	154.6	137.8	110.2	82.7	58.2	39.8	27.6	18.4	10.7
-65°	197.5	179.1	157.7	131.7	105.6	76.6	53.6	38.3	26.0	16.8	10.7
-67.5°	202.1	174.5	148.5	124.0	94.9	68.9	49.0	35.2	24.5	16.8	10.7
-70°	186.8	160.8	134.7	105.6	81.1	59.7	45.9	32.2	21.4	15.3	10.7
-72.5°	168.4	134.7	107.2	85.7	68.9	55.1	41.3	29.1	19.9	13.8	9.2
-75°	122.5	98.0	79.6	72.0	61.2	49.0	36.7	26.0	18.4	13.8	9.2
-77.5°	87.3	81.1	73.5	65.8	55.1	42.9	32.2	24.5	16.8	12.2	7.7
-80°	85.7	78.1	68.9	56.6	45.9	36.7	27.6	21.4	15.3	10.7	6.1
-82.5°	72.0	61.2	52.1	42.9	35.2	29.1	23.0	16.8	12.2	7.7	4.6
-85°	44.4	38.3	33.7	29.1	24.5	19.9	15.3	10.7	7.7	4.6	3.1
-87.5°	21.4	19.9	16.8	13.8	12.2	9.2	7.7	6.1	4.6	3.1	1.5
-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: P723667

CATALOG NUMBER: IFLD-S-SA3A-730-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°	1.5	0.0	0.0	0.0
80°	1.5	0.0	0.0	0.0
77.5°	1.5	0.0	0.0	0.0
75°	1.5	1.5	0.0	0.0
72.5°	1.5	1.5	0.0	0.0
70°	3.1	1.5	1.5	0.0
67.5°	3.1	1.5	1.5	0.0
65°	3.1	1.5	1.5	0.0
62.5°	3.1	1.5	1.5	0.0
60°	3.1	1.5	1.5	0.0
57.5°	3.1	1.5	1.5	0.0
55°	3.1	1.5	1.5	0.0
52.5°	3.1	1.5	1.5	0.0
50°	3.1	1.5	1.5	0.0
47.5°	3.1	3.1	1.5	0.0
45°	3.1	3.1	1.5	0.0
42.5°	3.1	3.1	1.5	0.0
40°	3.1	3.1	1.5	0.0
37.5°	3.1	3.1	1.5	0.0
35°	3.1	3.1	1.5	0.0
32.5°	4.6	3.1	1.5	0.0
30°	4.6	3.1	3.1	0.0
27.5°	4.6	3.1	3.1	0.0
25°	4.6	3.1	3.1	0.0
22.5°	4.6	3.1	3.1	0.0
20°	4.6	3.1	3.1	0.0
17.5°	4.6	3.1	3.1	0.0
15°	4.6	3.1	3.1	0.0
12.5°	4.6	3.1	3.1	0.0
10°	4.6	3.1	3.1	0.0
7.5°	4.6	3.1	3.1	0.0
5°	4.6	3.1	3.1	0.0
2.5°	4.6	3.1	3.1	0.0
0°	4.6	3.1	3.1	0.0
-2.5°	4.6	3.1	3.1	0.0
-5°	4.6	3.1	3.1	0.0
-7.5°	4.6	3.1	3.1	0.0
-10°	4.6	3.1	3.1	0.0
-12.5°	6.1	3.1	3.1	0.0
-15°	6.1	3.1	3.1	0.0
-17.5°	6.1	3.1	3.1	0.0
-20°	6.1	3.1	3.1	0.0



REPORT NUMBER: P723667

CATALOG NUMBER: IFLD-S-SA3A-730-U-11-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	6.1	3.1	3.1	0.0
-25°	6.1	3.1	3.1	0.0
-27.5°	6.1	3.1	3.1	0.0
-30°	6.1	3.1	3.1	0.0
-32.5°	6.1	3.1	3.1	0.0
-35°	6.1	3.1	3.1	0.0
-37.5°	6.1	3.1	3.1	0.0
-40°	6.1	3.1	3.1	0.0
-42.5°	4.6	3.1	1.5	0.0
-45°	6.1	3.1	1.5	0.0
-47.5°	6.1	3.1	1.5	0.0
-50°	6.1	3.1	1.5	0.0
-52.5°	6.1	3.1	1.5	0.0
-55°	6.1	3.1	1.5	0.0
-57.5°	6.1	3.1	1.5	0.0
-60°	6.1	3.1	1.5	0.0
-62.5°	6.1	3.1	1.5	0.0
-65°	6.1	3.1	1.5	0.0
-67.5°	6.1	3.1	1.5	0.0
-70°	6.1	1.5	1.5	0.0
-72.5°	4.6	1.5	1.5	0.0
-75°	4.6	1.5	1.5	0.0
-77.5°	3.1	1.5	0.0	0.0
-80°	3.1	1.5	0.0	0.0
-82.5°	3.1	1.5	0.0	0.0
-85°	1.5	0.0	0.0	0.0
-87.5°	1.5	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)