

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: P723635

Luminaire Tested: **IFLD-S-SA2C-727-U-11-VI**

Issue Date: 01/11/2023

Test Information

Test Method: LM-79-2019
Report Number: P723635
Test Lab: INNOVATION CENTER(G2)
Issue Date: 01/11/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA2C-727-U-11-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 1 distribution lens and Visor
Light Source: (32) 2700K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	1H x 1V
Luminaire Lumens:	6292.7 lumens	Max Intensity:	148044.3 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	58.2 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:	2282 lumens	Field Lumens:	3637.9 lumens
Beam Efficiency:	36.3%	Field Efficiency:	57.8%

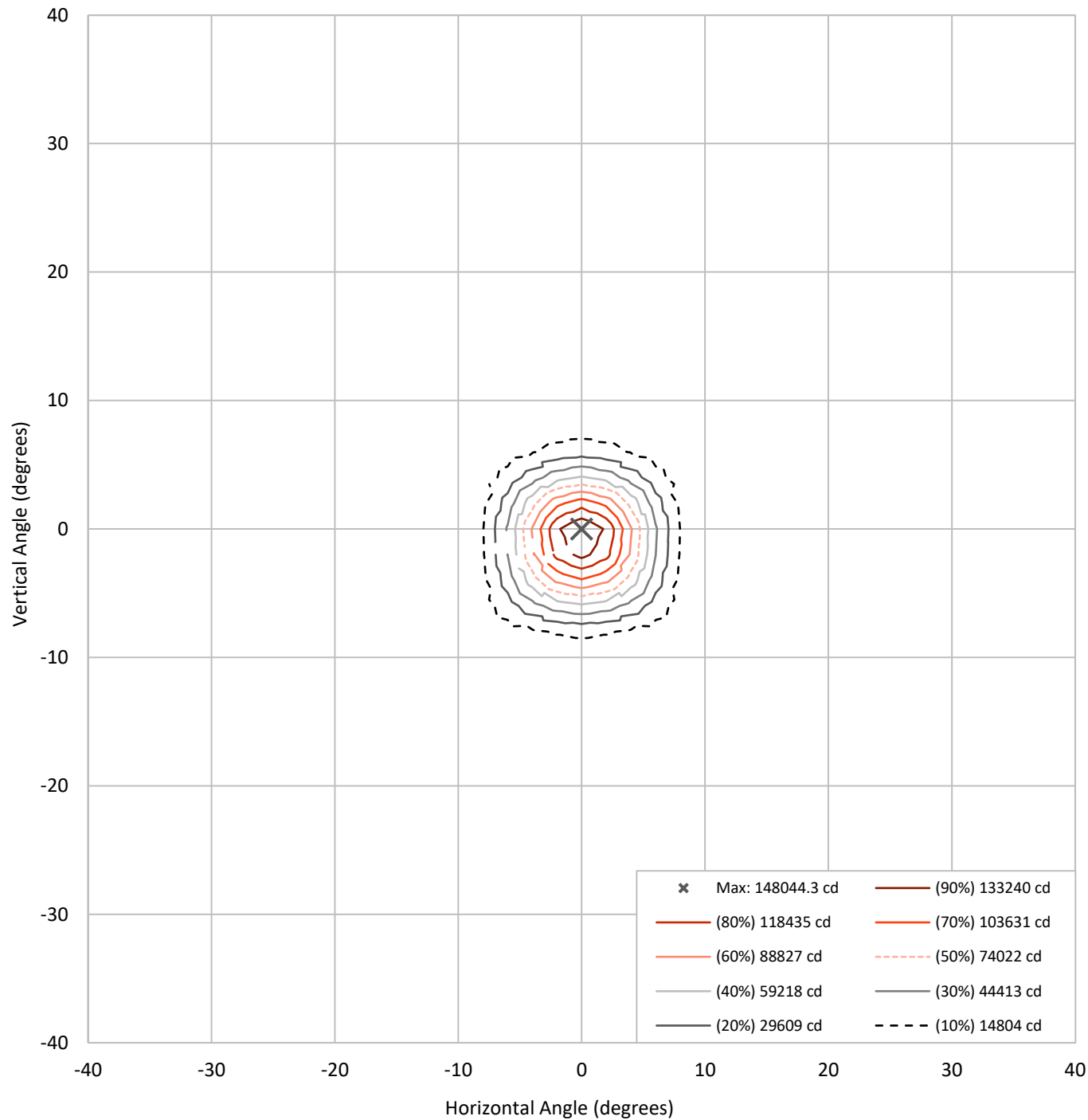
Input Watts (W): 108.2
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT





REPORT NUMBER: P723635
CATALOG NUMBER: IFLD-S-SA2C-727-U-11-VI

Iso-Candela Plot



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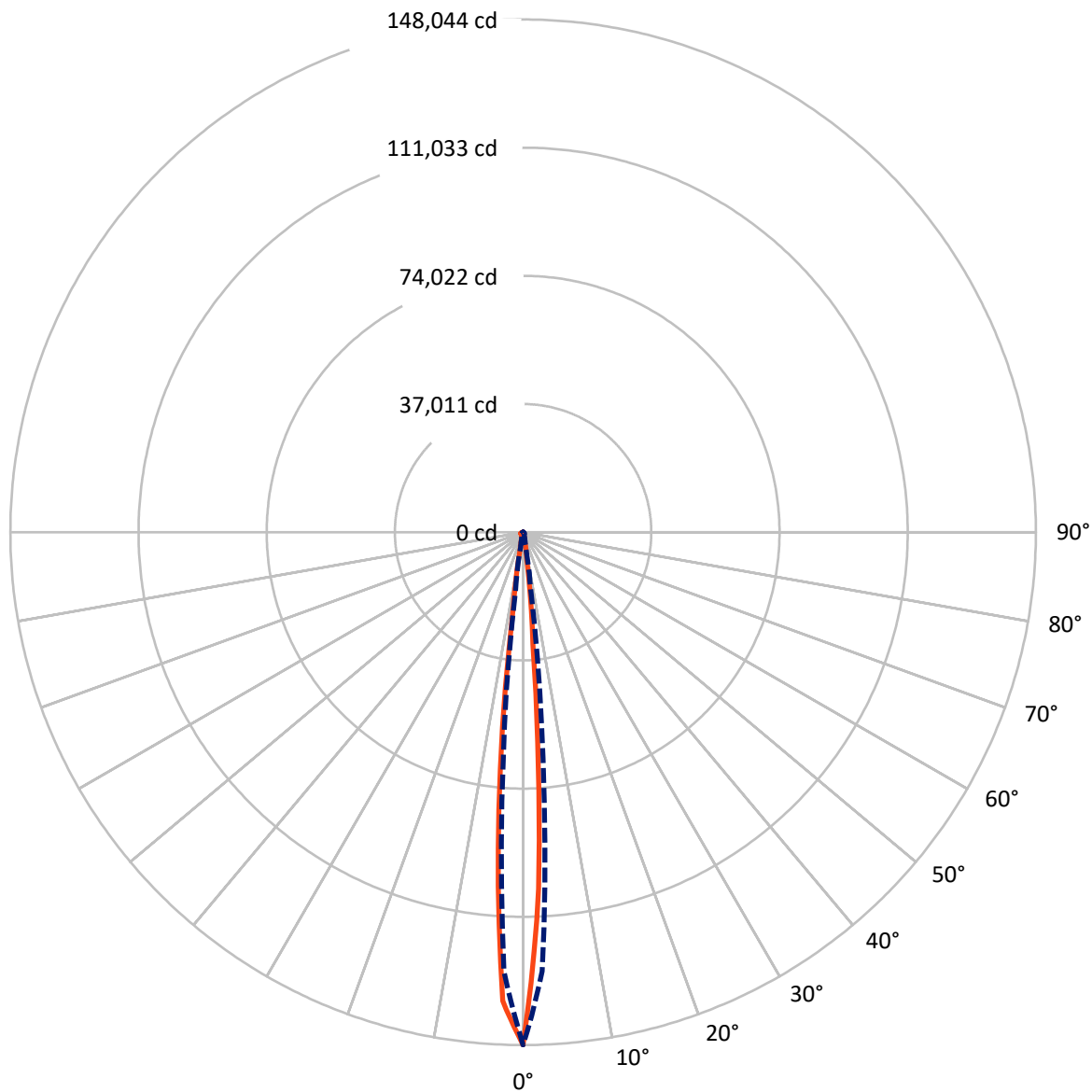
Lumen Table

Vertical Angle (degrees)																
	0.1	1.4		1.5		0.6		0.2		0.6		1.5		1.4		0.1
90																
80	0.1	1.4		1.5		0.6		0.2		0.6		1.5		1.4		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	0.7	1.6	2.7	3.4	3.9	3.9	3.4	2.7	1.6	0.7	0.3	0.2	
40	0.2	0.2	0.9	2.9	5.6	8.3	9.9	11.0	11.0	9.9	8.3	5.6	2.9	0.9	0.2	0.2
30		0.4	2.2	5.9	9.6	11.2	12.1	12.6	12.6	12.1	11.2	9.6	5.9	2.2	0.4	
20	0.3	0.8	3.7	8.6	11.1	11.4	13.5	16.2	16.2	13.5	11.4	11.1	8.6	3.7	0.8	0.3
10		1.3	5.2	10.5	11.8	13.3	23.4	39.9	39.9	23.4	13.3	11.8	10.5	5.2	1.3	
0	0.4	1.7	6.4	11.6	12.3	16.5	44.6	826.1	826.1	44.6	16.5	12.3	11.6	6.4	1.7	0.4
-10		1.9	7.0	12.1	12.7	17.0	48.0	1204.5	1204.5	48.0	17.0	12.7	12.1	7.0	1.9	
-20	0.6	2.1	7.2	12.8	13.8	15.4	27.9	53.6	53.6	27.9	15.4	13.8	12.8	7.2	2.1	0.6
-30		2.0	6.8	13.0	15.4	15.5	18.1	22.1	22.1	18.1	15.5	15.4	13.0	6.8	2.0	
-40	0.7	1.7	6.1	12.4	17.0	18.5	19.3	19.4	19.4	19.3	18.5	17.0	12.4	6.1	1.7	0.7
-50		1.5	4.9	10.5	16.4	19.9	22.3	23.4	23.4	22.3	19.9	16.4	10.5	4.9	1.5	
-60	0.5	1.4	3.8	8.1	14.0	18.8	21.8	23.1	23.1	21.8	18.8	14.0	8.1	3.8	1.4	0.5
-70		1.3	3.3	6.6	11.7	16.4	19.9	21.5	21.5	19.9	16.4	11.7	6.6	3.3	1.3	
-80	0.2	3.9		11.6		21.5		23.7		21.5		11.6		3.9		0.2
-90																
Horizontal Angle (degrees)																
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	90

REPORT NUMBER: P723635

CATALOG NUMBER: IFLD-S-SA2C-727-U-11-VI

Luminous Intensity Polar Plot



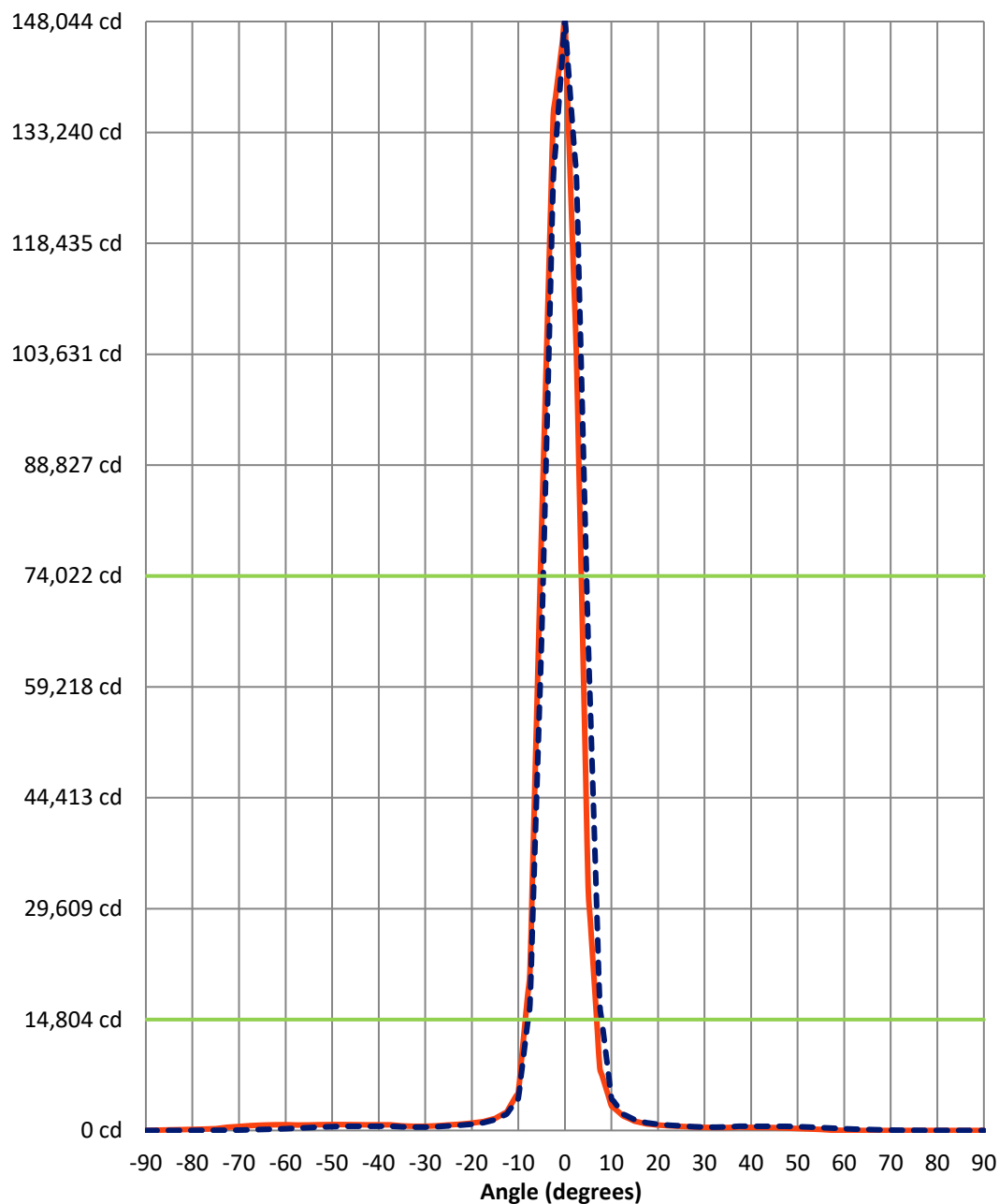
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 0-Deg

REPORT NUMBER: P723635

CATALOG NUMBER: IFLD-S-SA2C-727-U-11-VI

Luminous Intensity Plot



Beam:

H Angle: 9.3°

V Angle: 8.8°

Lumens: 2282

Efficiency: 36.3%

Field:

H Angle: 15.8°

V Angle: 15.3°

Lumens: 3637.9

Efficiency: 57.8%

Spill:

Lumens: 2654.8

Efficiency: 42.2%

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

REPORT NUMBER: P723635

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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	2.9	2.9	2.9	4.4	5.8	7.3	7.3	8.7
82.5°	0.0	1.5	1.5	2.9	2.9	4.4	4.4	7.3	8.7	10.2	13.1
80°	1.5	1.5	1.5	2.9	2.9	4.4	4.4	5.8	7.3	10.2	11.6
77.5°	0.0	1.5	1.5	1.5	2.9	2.9	2.9	4.4	5.8	7.3	8.7
75°	0.0	1.5	1.5	1.5	2.9	2.9	2.9	2.9	4.4	4.4	5.8
72.5°	0.0	0.0	0.0	1.5	1.5	2.9	2.9	2.9	4.4	4.4	4.4
70°	0.0	0.0	0.0	1.5	1.5	2.9	2.9	2.9	4.4	4.4	4.4
67.5°	0.0	0.0	0.0	1.5	1.5	2.9	2.9	2.9	4.4	4.4	4.4
65°	0.0	0.0	0.0	1.5	1.5	2.9	2.9	4.4	4.4	4.4	4.4
62.5°	1.5	1.5	1.5	2.9	4.4	4.4	5.8	7.3	7.3	7.3	7.3
60°	14.5	16.0	17.4	17.4	16.0	16.0	17.4	17.4	17.4	17.4	17.4
57.5°	39.2	42.1	43.6	43.6	43.6	42.1	47.9	49.4	43.6	40.7	45.0
55°	136.5	140.9	138.0	133.6	124.9	114.8	111.9	110.4	111.9	104.6	93.0
52.5°	199.0	203.4	201.9	199.0	193.2	185.9	180.1	174.3	168.5	156.9	143.8
50°	258.6	260.0	258.6	255.7	249.9	242.6	231.0	217.9	206.3	203.4	191.7
47.5°	325.4	329.7	329.7	328.3	323.9	310.9	293.4	274.5	265.8	262.9	251.3
45°	384.9	387.9	389.3	390.8	389.3	376.2	360.3	350.1	331.2	325.4	325.4
42.5°	400.9	402.4	403.8	405.3	409.6	399.5	386.4	369.0	364.6	363.2	360.3
40°	406.7	403.8	405.3	406.7	408.2	400.9	390.8	380.6	377.7	374.8	374.8
37.5°	461.9	448.9	438.7	430.0	422.7	415.5	405.3	396.6	389.3	383.5	389.3
35°	393.7	393.7	403.8	412.5	421.3	430.0	431.4	421.3	405.3	398.0	408.2
32.5°	402.4	402.4	402.4	405.3	408.2	415.5	422.7	427.1	438.7	425.6	425.6
30°	411.1	412.5	415.5	416.9	412.5	409.6	406.7	406.7	414.0	432.9	443.1
27.5°	461.9	461.9	457.6	451.8	438.7	418.4	408.2	393.7	395.1	403.8	428.5
25°	544.7	541.8	531.7	517.1	493.9	464.8	437.2	406.7	393.7	389.3	399.5
22.5°	623.2	618.8	605.8	592.7	573.8	544.7	498.3	451.8	411.1	393.7	389.3
20°	723.4	713.2	698.7	678.4	647.9	618.8	578.2	517.1	457.6	412.5	395.1
17.5°	884.7	871.6	844.0	807.7	755.4	710.3	652.2	594.1	527.3	454.7	415.5
15°	1237.6	1204.2	1156.3	1056.1	952.9	867.2	780.1	682.7	614.5	518.6	459.0
12.5°	1946.5	1855.0	1715.6	1481.7	1250.7	1051.7	910.8	785.9	675.5	586.9	502.6
10°	3294.6	3098.5	2713.5	2074.4	1648.7	1282.7	1029.9	862.9	723.4	631.9	538.9
7.5°	8332.3	6796.9	4809.7	3284.4	2157.2	1567.4	1178.1	935.5	774.3	661.0	568.0
5°	32475.2	26751.8	14270.7	5955.8	3245.2	1895.7	1311.7	993.6	807.7	682.7	589.8
2.5°	103066.2	89004.7	46696.6	12821.0	3984.6	2135.4	1403.2	1029.9	826.6	698.7	605.8
0°	148044.3	126879.4	65535.8	16862.2	4321.6	2196.4	1432.3	1037.2	829.5	701.6	605.8
-2.5°	135435.4	118532.5	63307.5	15691.4	4416.0	2213.8	1455.5	1061.9	851.2	714.7	610.1
-5°	80474.8	70588.1	44161.7	11188.2	3923.6	2055.5	1394.5	1040.1	836.7	707.4	607.2
-7.5°	21202.7	18355.6	12074.3	5838.2	2539.2	1738.8	1281.2	1003.8	817.8	694.4	595.6
-10°	5111.8	4844.6	4327.4	2652.5	1977.0	1452.6	1136.0	938.4	780.1	676.9	576.7
-12.5°	2465.1	2407.0	2184.8	1801.3	1467.2	1207.1	1028.5	870.1	745.2	646.4	550.6
-15°	1603.7	1570.3	1494.8	1348.0	1178.1	1053.2	928.2	800.4	701.6	601.4	528.8
-17.5°	1186.8	1185.4	1147.6	1092.4	1008.1	915.2	823.6	742.3	646.4	560.7	505.5
-20°	983.4	983.4	961.6	925.3	865.8	804.8	743.8	668.2	589.8	525.9	502.6

REPORT NUMBER: P723635

CATALOG NUMBER: IFLD-S-SA2C-727-U-11-VI

CANDELA DISTRIBUTION (continued):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
-22.5°	835.3	836.7	825.1	801.9	769.9	719.1	659.5	598.5	541.8	518.6	511.3
-25°	739.4	736.5	723.4	701.6	668.2	627.5	588.3	547.6	531.7	525.9	536.0
-27.5°	626.1	630.4	624.6	614.5	592.7	563.6	554.9	543.3	546.2	554.9	594.1
-30°	559.3	563.6	569.4	573.8	566.5	559.3	562.2	570.9	589.8	623.2	637.7
-32.5°	559.3	560.7	569.4	578.2	582.5	588.3	604.3	633.4	661.0	652.2	649.3
-35°	610.1	605.8	617.4	629.0	645.0	665.3	682.7	676.9	666.8	663.9	666.8
-37.5°	755.4	727.8	716.2	708.9	704.5	701.6	697.3	692.9	688.6	685.6	690.0
-40°	753.9	746.7	739.4	733.6	729.2	723.4	720.5	719.1	714.7	711.8	708.9
-42.5°	751.0	753.9	753.9	752.5	753.9	752.5	748.1	742.3	735.0	729.2	723.4
-45°	772.8	774.3	777.2	780.1	784.4	778.6	769.9	759.7	749.6	740.8	733.6
-47.5°	785.9	787.3	790.2	794.6	797.5	791.7	780.1	767.0	751.0	736.5	722.0
-50°	790.2	794.6	796.0	796.0	794.6	787.3	769.9	751.0	733.6	719.1	706.0
-52.5°	769.9	774.3	775.7	772.8	771.4	764.1	748.1	730.7	711.8	701.6	690.0
-55°	736.5	742.3	746.7	746.7	746.7	745.2	730.7	714.7	700.2	688.6	676.9
-57.5°	723.4	733.6	742.3	743.8	745.2	746.7	736.5	720.5	703.1	685.6	671.1
-60°	771.4	780.1	784.4	778.6	774.3	769.9	753.9	735.0	717.6	700.2	672.6
-62.5°	758.3	772.8	780.1	775.7	769.9	762.6	745.2	723.4	703.1	684.2	656.6
-65°	716.2	729.2	737.9	730.7	722.0	711.8	695.8	675.5	656.6	637.7	613.0
-67.5°	645.0	663.9	678.4	662.4	650.8	637.7	624.6	607.2	588.3	566.5	543.3
-70°	533.1	547.6	560.7	556.4	553.5	550.6	541.8	524.4	508.4	491.0	470.7
-72.5°	428.5	441.6	453.2	446.0	440.1	431.4	418.4	399.5	380.6	361.7	342.8
-75°	236.8	241.1	245.5	244.0	244.0	244.0	244.0	245.5	242.6	238.2	229.5
-77.5°	181.6	187.4	191.7	194.7	199.0	204.8	209.2	201.9	194.7	187.4	178.7
-80°	142.4	148.2	152.5	168.5	180.1	193.2	201.9	191.7	181.6	172.9	165.6
-82.5°	107.5	111.9	116.2	124.9	130.7	138.0	143.8	143.8	142.4	140.9	136.5
-85°	78.4	84.3	90.1	93.0	97.3	97.3	98.8	93.0	87.2	82.8	77.0
-87.5°	45.0	46.5	46.5	46.5	47.9	47.9	47.9	45.0	43.6	40.7	39.2
-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: P723635

CATALOG NUMBER: IFLD-S-SA2C-727-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°	1.5	1.5	1.5	2.9	2.9	4.4	4.4	5.8	5.8	7.3	7.3
85°	8.7	8.7	8.7	10.2	10.2	11.6	13.1	14.5	16.0	16.0	17.4
82.5°	14.5	16.0	17.4	18.9	20.3	21.8	23.2	24.7	29.1	32.0	33.4
80°	14.5	16.0	20.3	23.2	26.1	29.1	29.1	29.1	29.1	30.5	33.4
77.5°	10.2	11.6	13.1	16.0	23.2	29.1	33.4	36.3	33.4	32.0	29.1
75°	5.8	7.3	8.7	10.2	14.5	20.3	27.6	34.9	40.7	39.2	36.3
72.5°	5.8	5.8	7.3	8.7	10.2	11.6	13.1	20.3	29.1	36.3	40.7
70°	5.8	7.3	7.3	8.7	10.2	11.6	13.1	16.0	20.3	29.1	37.8
67.5°	5.8	7.3	7.3	10.2	13.1	14.5	16.0	14.5	13.1	18.9	27.6
65°	5.8	5.8	7.3	8.7	10.2	11.6	16.0	16.0	14.5	14.5	14.5
62.5°	8.7	8.7	8.7	8.7	10.2	10.2	10.2	13.1	13.1	13.1	13.1
60°	17.4	16.0	16.0	16.0	16.0	13.1	13.1	13.1	11.6	13.1	11.6
57.5°	42.1	34.9	32.0	32.0	27.6	26.1	21.8	16.0	16.0	13.1	13.1
55°	85.7	81.3	68.3	56.7	50.8	45.0	34.9	29.1	21.8	17.4	16.0
52.5°	132.2	120.6	108.9	94.4	79.9	68.3	58.1	45.0	36.3	26.1	20.3
50°	172.9	162.7	149.6	133.6	114.8	100.2	85.7	68.3	53.7	40.7	29.1
47.5°	235.3	215.0	199.0	180.1	158.3	138.0	119.1	98.8	75.5	59.6	45.0
45°	302.1	273.1	251.3	233.9	204.8	177.2	155.4	133.6	106.0	78.4	61.0
42.5°	348.6	326.8	297.8	274.5	248.4	219.3	190.3	167.1	138.0	106.0	78.4
40°	373.3	358.8	335.6	315.2	287.6	255.7	225.2	201.9	171.4	136.5	98.8
37.5°	392.2	384.9	373.3	357.3	331.2	293.4	262.9	235.3	209.2	168.5	127.8
35°	414.0	412.5	405.3	398.0	376.2	339.9	303.6	271.6	239.7	201.9	156.9
32.5°	434.3	432.9	428.5	425.6	416.9	384.9	345.7	309.4	273.1	233.9	184.5
30°	444.5	441.6	441.6	444.5	435.8	415.5	386.4	347.2	306.5	260.0	213.5
27.5°	444.5	441.6	443.1	447.4	446.0	435.8	414.0	382.0	337.0	284.7	239.7
25°	425.6	440.1	440.1	446.0	447.4	444.5	432.9	412.5	366.1	310.9	260.0
22.5°	399.5	434.3	447.4	446.0	447.4	454.7	456.1	437.2	393.7	337.0	280.4
20°	399.5	424.2	461.9	451.8	454.7	470.7	477.9	461.9	422.7	361.7	300.7
17.5°	408.2	424.2	456.1	472.1	476.5	489.5	501.2	491.0	448.9	387.9	328.3
15°	432.9	430.0	451.8	491.0	498.3	508.4	521.5	509.9	472.1	416.9	354.4
12.5°	450.3	434.3	451.8	493.9	517.1	527.3	531.7	523.0	492.4	443.1	380.6
10°	473.6	446.0	454.7	491.0	524.4	531.7	536.0	533.1	511.3	464.8	403.8
7.5°	491.0	451.8	451.8	486.6	531.7	537.5	540.4	543.3	527.3	483.7	424.2
5°	498.3	451.8	448.9	482.3	538.9	544.7	544.7	549.1	538.9	498.3	438.7
2.5°	499.7	450.3	446.0	479.4	552.0	552.0	549.1	553.5	547.6	507.0	448.9
0°	507.0	448.9	444.5	483.7	566.5	560.7	553.5	554.9	552.0	511.3	454.7
-2.5°	507.0	456.1	450.3	486.6	565.1	563.6	560.7	562.2	559.3	524.4	466.3
-5°	514.2	466.3	460.5	499.7	563.6	568.0	569.4	569.4	565.1	533.1	473.6
-7.5°	515.7	473.6	472.1	512.8	566.5	573.8	578.2	581.1	572.3	538.9	479.4
-10°	508.4	476.5	483.7	528.8	569.4	579.6	588.3	592.7	578.2	541.8	482.3
-12.5°	492.4	476.5	495.4	549.1	576.7	588.3	601.4	602.8	584.0	543.3	483.7
-15°	491.0	488.1	515.7	569.4	581.1	595.6	615.9	611.6	588.3	543.3	483.7
-17.5°	489.5	504.1	546.2	576.7	588.3	604.3	620.3	615.9	591.2	543.3	480.8
-20°	502.6	530.2	582.5	584.0	597.0	614.5	623.2	614.5	586.9	538.9	476.5

REPORT NUMBER: P723635

CATALOG NUMBER: IFLD-S-SA2C-727-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°	524.4	576.7	594.1	599.9	611.6	624.6	629.0	615.9	582.5	531.7	469.2
-25°	579.6	605.8	605.8	618.8	630.4	636.3	631.9	617.4	576.7	524.4	461.9
-27.5°	621.7	620.3	627.5	640.6	650.8	650.8	639.2	610.1	568.0	517.1	451.8
-30°	637.7	639.2	649.3	663.9	666.8	659.5	642.1	604.3	560.7	505.5	438.7
-32.5°	653.7	659.5	672.6	679.8	681.3	666.8	634.8	594.1	549.1	492.4	424.2
-35°	672.6	684.2	691.5	692.9	685.6	661.0	624.6	581.1	531.7	473.6	411.1
-37.5°	697.3	703.1	707.4	701.6	681.3	652.2	607.2	563.6	515.7	453.2	392.2
-40°	713.2	716.2	717.6	698.7	674.0	631.9	588.3	543.3	488.1	430.0	371.9
-42.5°	723.4	720.5	708.9	688.6	652.2	611.6	569.4	518.6	463.4	406.7	350.1
-45°	720.5	710.3	692.9	668.2	630.4	589.8	540.4	489.5	437.2	382.0	325.4
-47.5°	708.9	692.9	671.1	642.1	607.2	557.8	508.4	459.0	408.2	354.4	302.1
-50°	694.4	675.5	649.3	613.0	566.5	521.5	476.5	428.5	376.2	326.8	280.4
-52.5°	678.4	658.0	624.6	584.0	533.1	486.6	443.1	396.6	348.6	302.1	261.5
-55°	661.0	640.6	602.8	556.4	505.5	454.7	412.5	373.3	326.8	281.8	245.5
-57.5°	652.2	626.1	586.9	540.4	486.6	434.3	398.0	355.9	313.8	267.3	232.4
-60°	645.0	618.8	582.5	528.8	477.9	428.5	386.4	345.7	300.7	257.1	222.3
-62.5°	624.6	597.0	563.6	511.3	461.9	416.9	379.1	331.2	287.6	246.9	215.0
-65°	584.0	554.9	525.9	479.4	434.3	392.2	354.4	310.9	270.2	235.3	207.7
-67.5°	520.0	495.4	469.2	430.0	392.2	354.4	319.6	281.8	248.4	223.7	209.2
-70°	448.9	422.7	396.6	364.6	332.7	302.1	274.5	246.9	225.2	212.1	200.5
-72.5°	326.8	315.2	302.1	277.5	251.3	232.4	219.3	207.7	191.7	180.1	172.9
-75°	217.9	201.9	181.6	172.9	174.3	171.4	164.1	155.4	148.2	143.8	133.6
-77.5°	170.0	161.2	151.1	140.9	136.5	132.2	126.4	119.1	113.3	103.1	88.6
-80°	156.9	149.6	142.4	135.1	127.8	117.7	106.0	94.4	88.6	84.3	82.8
-82.5°	129.3	120.6	111.9	104.6	94.4	87.2	79.9	74.1	74.1	72.6	71.2
-85°	74.1	71.2	66.8	63.9	61.0	56.7	52.3	49.4	47.9	46.5	45.0
-87.5°	37.8	36.3	33.4	32.0	30.5	29.1	26.1	24.7	23.2	23.2	21.8
-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: P723635

CATALOG NUMBER: IFLD-S-SA2C-727-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°	7.3	7.3	5.8	5.8	5.8	4.4	2.9	2.9	1.5	1.5	0.0
85°	17.4	14.5	13.1	11.6	11.6	8.7	5.8	4.4	2.9	1.5	1.5
82.5°	33.4	29.1	24.7	21.8	17.4	13.1	10.2	7.3	4.4	2.9	1.5
80°	37.8	37.8	36.3	30.5	24.7	18.9	13.1	8.7	5.8	4.4	2.9
77.5°	29.1	32.0	32.0	32.0	30.5	23.2	16.0	10.2	5.8	4.4	2.9
75°	33.4	29.1	27.6	29.1	27.6	23.2	18.9	11.6	7.3	5.8	2.9
72.5°	40.7	34.9	30.5	29.1	26.1	21.8	17.4	13.1	7.3	5.8	4.4
70°	37.8	36.3	33.4	30.5	26.1	21.8	17.4	13.1	8.7	5.8	4.4
67.5°	33.4	33.4	33.4	30.5	26.1	20.3	16.0	11.6	8.7	5.8	4.4
65°	23.2	27.6	30.5	29.1	26.1	20.3	16.0	11.6	8.7	7.3	4.4
62.5°	14.5	18.9	24.7	27.6	24.7	20.3	14.5	11.6	8.7	7.3	4.4
60°	13.1	14.5	17.4	21.8	23.2	18.9	14.5	10.2	8.7	7.3	4.4
57.5°	13.1	13.1	14.5	17.4	18.9	17.4	13.1	8.7	8.7	7.3	5.8
55°	14.5	13.1	13.1	14.5	16.0	16.0	13.1	8.7	8.7	7.3	5.8
52.5°	17.4	14.5	13.1	13.1	13.1	14.5	11.6	8.7	8.7	7.3	5.8
50°	21.8	17.4	16.0	13.1	13.1	13.1	11.6	8.7	7.3	7.3	5.8
47.5°	29.1	23.2	17.4	16.0	13.1	11.6	10.2	8.7	7.3	7.3	5.8
45°	43.6	27.6	23.2	17.4	14.5	13.1	11.6	8.7	7.3	7.3	5.8
42.5°	59.6	40.7	29.1	20.3	16.0	13.1	11.6	10.2	7.3	7.3	5.8
40°	75.5	55.2	36.3	26.1	18.9	14.5	11.6	10.2	8.7	7.3	5.8
37.5°	93.0	68.3	47.9	33.4	21.8	16.0	13.1	10.2	8.7	7.3	5.8
35°	114.8	85.7	59.6	40.7	26.1	18.9	14.5	10.2	8.7	7.3	5.8
32.5°	139.5	101.7	71.2	49.4	33.4	23.2	16.0	11.6	8.7	7.3	5.8
30°	162.7	120.6	84.3	59.6	40.7	26.1	17.4	11.6	8.7	7.3	4.4
27.5°	185.9	139.5	100.2	69.7	49.4	30.5	18.9	13.1	8.7	7.3	5.8
25°	209.2	158.3	116.2	79.9	56.7	36.3	23.2	14.5	8.7	7.3	5.8
22.5°	229.5	177.2	130.7	91.5	65.4	42.1	26.1	16.0	10.2	7.3	5.8
20°	252.8	197.6	146.7	104.6	72.6	47.9	29.1	17.4	10.2	7.3	5.8
17.5°	274.5	217.9	162.7	116.2	81.3	53.7	33.4	18.9	11.6	7.3	5.8
15°	296.3	236.8	177.2	127.8	90.1	59.6	36.3	20.3	13.1	7.3	5.8
12.5°	316.7	254.2	190.3	138.0	97.3	65.4	39.2	21.8	14.5	7.3	5.8
10°	335.6	270.2	203.4	146.7	104.6	69.7	42.1	24.7	16.0	7.3	5.8
7.5°	354.4	283.3	213.5	155.4	113.3	75.5	45.0	26.1	17.4	8.7	5.8
5°	366.1	294.9	222.3	162.7	120.6	81.3	47.9	27.6	18.9	8.7	5.8
2.5°	376.2	303.6	228.1	170.0	127.8	85.7	47.9	29.1	20.3	8.7	5.8
0°	382.0	309.4	232.4	174.3	133.6	88.6	49.4	30.5	21.8	8.7	5.8
-2.5°	395.1	319.6	242.6	180.1	139.5	97.3	52.3	32.0	23.2	10.2	5.8
-5°	403.8	325.4	249.9	185.9	143.8	106.0	56.7	34.9	26.1	13.1	7.3
-7.5°	411.1	331.2	255.7	188.8	148.2	108.9	58.1	36.3	27.6	14.5	7.3
-10°	412.5	334.1	260.0	193.2	151.1	113.3	59.6	37.8	29.1	16.0	7.3
-12.5°	414.0	337.0	261.5	196.1	154.0	116.2	61.0	39.2	30.5	17.4	7.3
-15°	412.5	335.6	261.5	199.0	155.4	113.3	63.9	40.7	32.0	18.9	7.3
-17.5°	409.6	334.1	260.0	197.6	154.0	110.4	65.4	43.6	32.0	20.3	8.7
-20°	405.3	329.7	257.1	196.1	152.5	107.5	66.8	45.0	33.4	20.3	8.7

REPORT NUMBER: P723635

CATALOG NUMBER: IFLD-S-SA2C-727-U-11-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	398.0	322.5	251.3	191.7	149.6	104.6	66.8	47.9	34.9	20.3	8.7
-25°	389.3	315.2	245.5	185.9	145.3	100.2	66.8	49.4	36.3	20.3	8.7
-27.5°	379.1	308.0	236.8	181.6	139.5	97.3	66.8	50.8	37.8	20.3	8.7
-30°	367.5	297.8	229.5	174.3	135.1	97.3	68.3	52.3	39.2	20.3	8.7
-32.5°	355.9	287.6	220.8	168.5	129.3	95.9	68.3	53.7	40.7	18.9	10.2
-35°	342.8	276.0	213.5	164.1	124.9	93.0	69.7	53.7	39.2	18.9	10.2
-37.5°	326.8	261.5	206.3	159.8	122.0	90.1	69.7	55.2	37.8	18.9	10.2
-40°	309.4	249.9	197.6	154.0	117.7	88.6	69.7	55.2	36.3	18.9	11.6
-42.5°	290.5	236.8	188.8	148.2	113.3	87.2	69.7	55.2	34.9	18.9	11.6
-45°	273.1	223.7	178.7	140.9	108.9	87.2	69.7	53.7	32.0	20.3	11.6
-47.5°	254.2	209.2	167.1	133.6	107.5	85.7	68.3	50.8	29.1	20.3	11.6
-50°	238.2	194.7	158.3	126.4	104.6	87.2	69.7	46.5	29.1	20.3	11.6
-52.5°	222.3	184.5	148.2	123.5	101.7	88.6	68.3	43.6	29.1	20.3	11.6
-55°	209.2	174.3	142.4	119.1	104.6	91.5	65.4	39.2	29.1	20.3	11.6
-57.5°	199.0	168.5	138.0	120.6	108.9	88.6	61.0	37.8	29.1	18.9	11.6
-60°	191.7	162.7	139.5	126.4	110.4	84.3	58.1	37.8	29.1	18.9	10.2
-62.5°	185.9	164.1	146.7	130.7	104.6	78.4	55.2	37.8	26.1	17.4	10.2
-65°	187.4	170.0	149.6	124.9	100.2	72.6	50.8	36.3	24.7	16.0	10.2
-67.5°	191.7	165.6	140.9	117.7	90.1	65.4	46.5	33.4	23.2	16.0	10.2
-70°	177.2	152.5	127.8	100.2	77.0	56.7	43.6	30.5	20.3	14.5	10.2
-72.5°	159.8	127.8	101.7	81.3	65.4	52.3	39.2	27.6	18.9	13.1	8.7
-75°	116.2	93.0	75.5	68.3	58.1	46.5	34.9	24.7	17.4	13.1	8.7
-77.5°	82.8	77.0	69.7	62.5	52.3	40.7	30.5	23.2	16.0	11.6	7.3
-80°	81.3	74.1	65.4	53.7	43.6	34.9	26.1	20.3	14.5	10.2	5.8
-82.5°	68.3	58.1	49.4	40.7	33.4	27.6	21.8	16.0	11.6	7.3	4.4
-85°	42.1	36.3	32.0	27.6	23.2	18.9	14.5	10.2	7.3	4.4	2.9
-87.5°	20.3	18.9	16.0	13.1	11.6	8.7	7.3	5.8	4.4	2.9	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: P723635

CATALOG NUMBER: IFLD-S-SA2C-727-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°	2.9	1.5	1.5	0.0
67.5°	2.9	1.5	1.5	0.0
65°	2.9	1.5	1.5	0.0
62.5°	2.9	1.5	1.5	0.0
60°	2.9	1.5	1.5	0.0
57.5°	2.9	1.5	1.5	0.0
55°	2.9	1.5	1.5	0.0
52.5°	2.9	1.5	1.5	0.0
50°	2.9	1.5	1.5	0.0
47.5°	2.9	2.9	1.5	0.0
45°	2.9	2.9	1.5	0.0
42.5°	2.9	2.9	1.5	0.0
40°	2.9	2.9	1.5	0.0
37.5°	2.9	2.9	1.5	0.0
35°	2.9	2.9	1.5	0.0
32.5°	4.4	2.9	1.5	0.0
30°	4.4	2.9	2.9	0.0
27.5°	4.4	2.9	2.9	0.0
25°	4.4	2.9	2.9	0.0
22.5°	4.4	2.9	2.9	0.0
20°	4.4	2.9	2.9	0.0
17.5°	4.4	2.9	2.9	0.0
15°	4.4	2.9	2.9	0.0
12.5°	4.4	2.9	2.9	0.0
10°	4.4	2.9	2.9	0.0
7.5°	4.4	2.9	2.9	0.0
5°	4.4	2.9	2.9	0.0
2.5°	4.4	2.9	2.9	0.0
0°	4.4	2.9	2.9	0.0
-2.5°	4.4	2.9	2.9	0.0
-5°	4.4	2.9	2.9	0.0
-7.5°	4.4	2.9	2.9	0.0
-10°	4.4	2.9	2.9	0.0
-12.5°	5.8	2.9	2.9	0.0
-15°	5.8	2.9	2.9	0.0
-17.5°	5.8	2.9	2.9	0.0
-20°	5.8	2.9	2.9	0.0

REPORT NUMBER: P723635

CATALOG NUMBER: IFLD-S-SA2C-727-U-11-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	5.8	2.9	2.9	0.0
-25°	5.8	2.9	2.9	0.0
-27.5°	5.8	2.9	2.9	0.0
-30°	5.8	2.9	2.9	0.0
-32.5°	5.8	2.9	2.9	0.0
-35°	5.8	2.9	2.9	0.0
-37.5°	5.8	2.9	2.9	0.0
-40°	5.8	2.9	2.9	0.0
-42.5°	4.4	2.9	1.5	0.0
-45°	5.8	2.9	1.5	0.0
-47.5°	5.8	2.9	1.5	0.0
-50°	5.8	2.9	1.5	0.0
-52.5°	5.8	2.9	1.5	0.0
-55°	5.8	2.9	1.5	0.0
-57.5°	5.8	2.9	1.5	0.0
-60°	5.8	2.9	1.5	0.0
-62.5°	5.8	2.9	1.5	0.0
-65°	5.8	2.9	1.5	0.0
-67.5°	5.8	2.9	1.5	0.0
-70°	5.8	1.5	1.5	0.0
-72.5°	4.4	1.5	1.5	0.0
-75°	4.4	1.5	1.5	0.0
-77.5°	2.9	1.5	0.0	0.0
-80°	2.9	1.5	0.0	0.0
-82.5°	2.9	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)