

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: P724042

Luminaire Tested: **IFLD-S-SA2D-727-U-22-VI**

Issue Date: 01/11/2023

Test Information

Test Method: LM-79-2019
Report Number: P724042
Test Lab: INNOVATION CENTER(G2)
Issue Date: 01/11/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA2D-727-U-22-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 2 distribution lens and Visor
Light Source: (32) 2700K CCT, 70 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

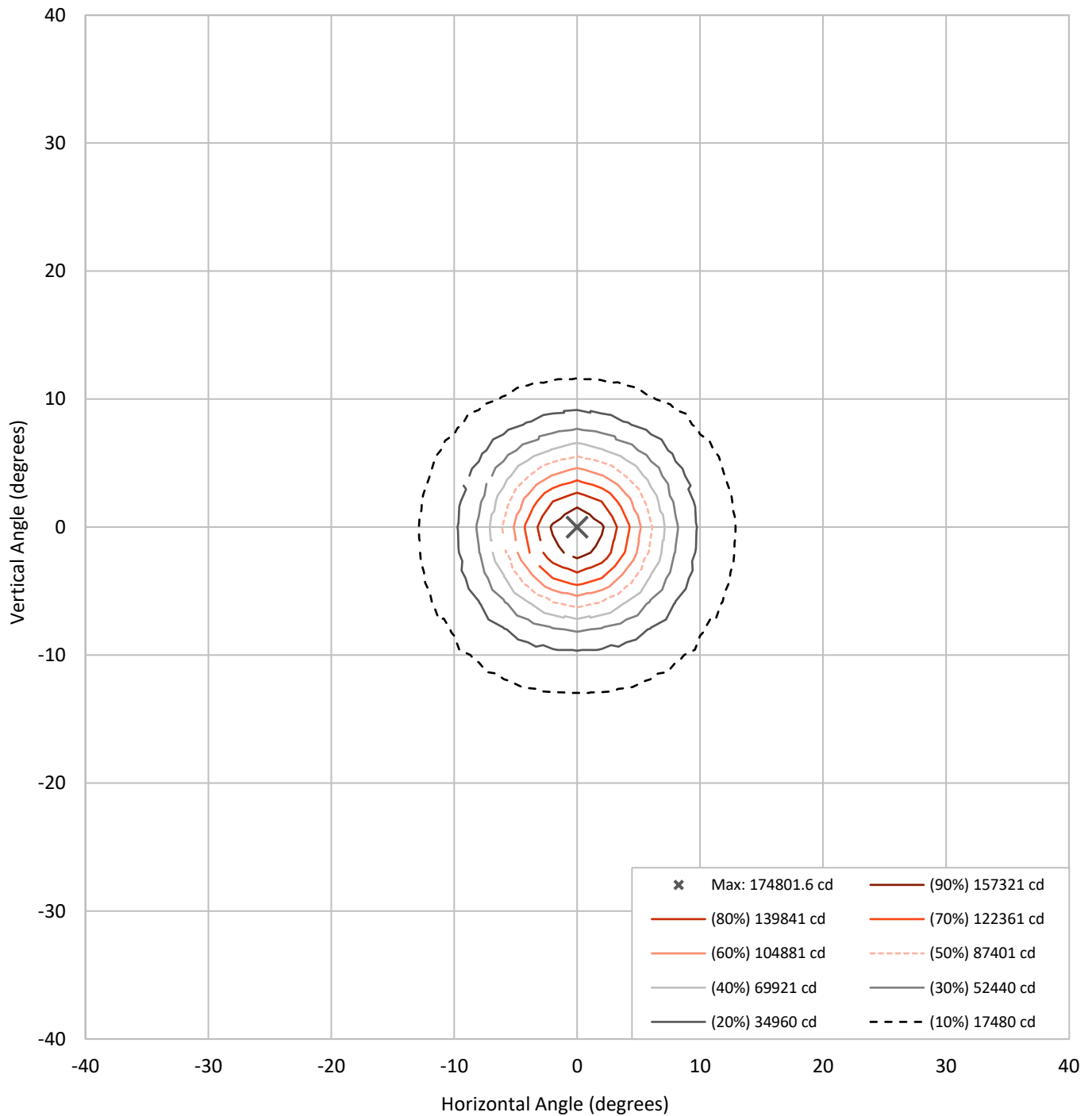
Lumens per Lamp:	N/A	NEMA Type:	2H x 2V
Luminaire Lumens:	12210 lumens	Max Intensity:	174801.6 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	98.5 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')		
Beam Angle (50%):	12.2°H x 11.7°V	Field Angle (10%):	25.1°H x 24.3°V
Beam Lumens:	3819.8 lumens	Field Lumens:	8691.5 lumens
Beam Efficiency:	31.3%	Field Efficiency:	71.2%

Input Watts (W): 123.9
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: P724042
CATALOG NUMBER: IFLD-S-SA2D-727-U-22-VI

Iso-Candela Plot





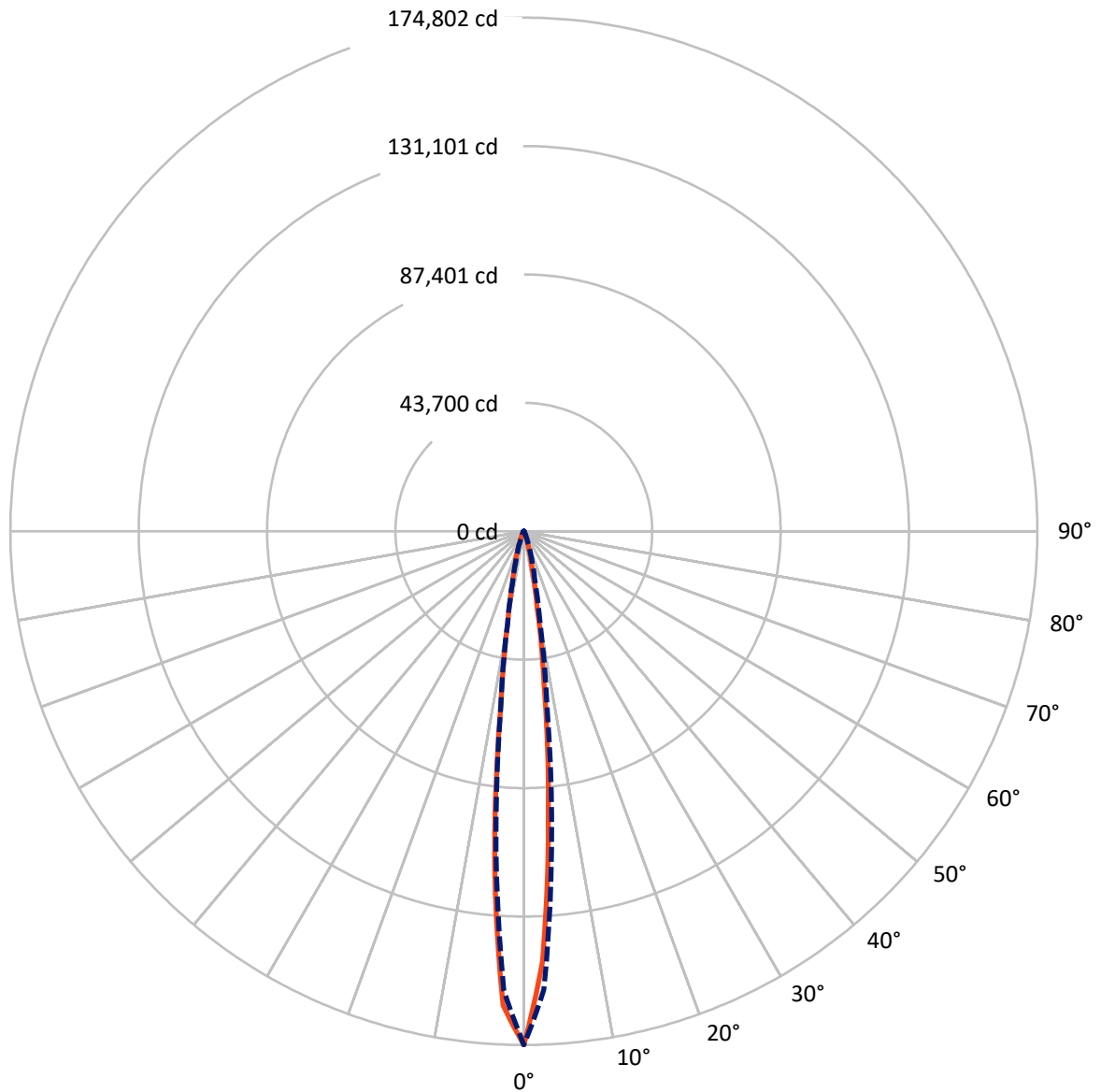
REPORT NUMBER: P724042
 CATALOG NUMBER: IFLD-S-SA2D-727-U-22-VI

Lumen Table

90	0.1	0.7	0.6	0.3	0.0	0.3	0.6	0.7	0.1									
80	0.1	0.7	0.6	0.3	0.0	0.3	0.6	0.7	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	0.1	0.1
60		0.1	0.1	0.3	0.6	0.9	1.2	1.4	1.4	1.2	0.9	0.6	0.3	0.1	0.1			
50	0.1	0.1	0.4	1.0	1.7	2.5	3.2	3.8	3.8	3.2	2.5	1.7	1.0	0.4	0.1			0.1
40		0.2	0.8	1.8	3.1	4.9	7.4	8.9	8.9	7.4	4.9	3.1	1.8	0.8	0.2			
30	0.1	0.4	1.3	2.7	4.9	8.4	16.3	26.3	26.3	16.3	8.4	4.9	2.7	1.3	0.4			0.1
20		0.5	1.7	3.7	7.4	18.4	96.2	243.4	243.4	96.2	18.4	7.4	3.7	1.7	0.5			
10	0.2	0.7	2.1	4.3	9.1	37.4	309.8	1909.2	1909.2	309.8	37.4	9.1	4.3	2.1	0.7			0.2
0		0.8	2.3	4.6	9.5	42.6	340.9	2102.5	2102.5	340.9	42.6	9.5	4.6	2.3	0.8			
-10	0.3	0.8	2.4	4.5	8.9	25.6	153.0	368.7	368.7	153.0	25.6	8.9	4.5	2.4	0.8			0.3
-20		0.8	2.3	4.3	7.5	13.0	31.6	59.4	59.4	31.6	13.0	7.5	4.3	2.3	0.8			
-30	0.3	0.8	2.2	4.0	6.2	9.2	13.1	15.3	15.3	13.1	9.2	6.2	4.0	2.2	0.8			0.3
-40		0.6	1.9	3.6	5.4	7.2	9.1	10.1	10.1	9.1	7.2	5.4	3.6	1.9	0.6			
-50	0.2	0.5	1.5	3.0	4.8	6.3	7.7	8.4	8.4	7.7	6.3	4.8	3.0	1.5	0.5			0.2
-60		0.4	1.1	2.2	3.6	5.0	6.3	7.0	7.0	6.3	5.0	3.6	2.2	1.1	0.4			
-70	0.1	0.5	1.5	3.0	4.8	6.3	7.7	8.4	8.4	7.7	6.3	4.8	3.0	1.5	0.5			0.1
-80		0.4	1.1	2.2	3.6	5.0	6.3	7.0	7.0	6.3	5.0	3.6	2.2	1.1	0.4			
-90	0.1	1.7	4.6	8.4	10.2	8.4	4.6	1.7	0.1									

REPORT NUMBER: P724042
CATALOG NUMBER: IFLD-S-SA2D-727-U-22-VI

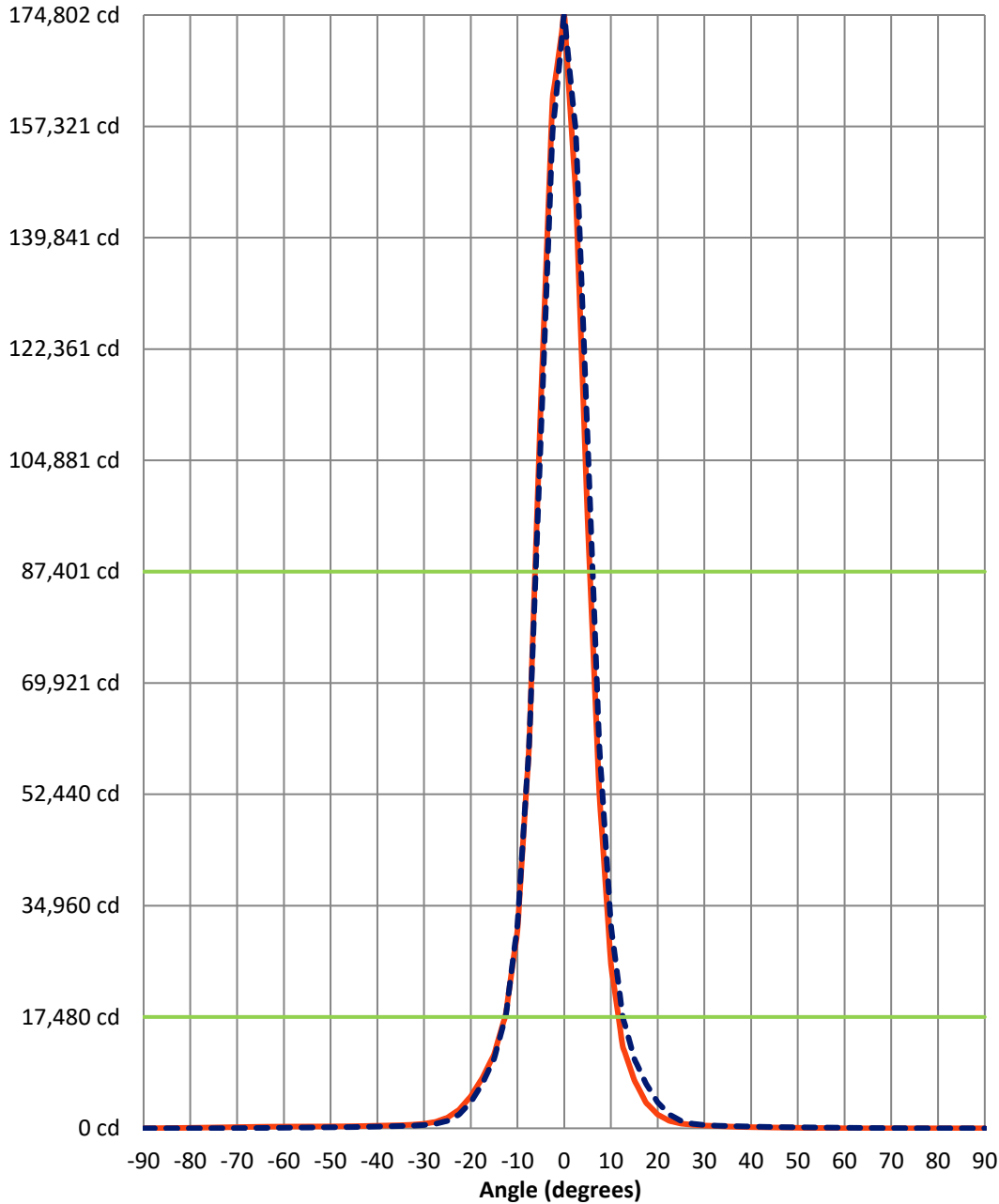
Luminous Intensity Polar Plot



— Vertical Distribution Through 0-Deg - - - Horizontal Distribution Through 0-Deg

REPORT NUMBER: P724042
CATALOG NUMBER: IFLD-S-SA2D-727-U-22-VI

Luminous Intensity Plot



Beam:
H Angle: 12.2°
V Angle: 11.7°
Lumens: 3819.8
Efficiency: 31.3%

Field:
H Angle: 25.1°
V Angle: 24.3°
Lumens: 8691.5
Efficiency: 71.2%

Spill:
Lumens: 3518.5
Efficiency: 28.8%

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



REPORT NUMBER: P724042
 CATALOG NUMBER: IFLD-S-SA2D-727-U-22-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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.2	2.2
85°	0.0	0.0	0.0	0.0	2.2	2.2	2.2	2.2	2.2	4.4	4.4
82.5°	0.0	0.0	0.0	0.0	2.2	2.2	2.2	2.2	4.4	4.4	4.4
80°	0.0	0.0	0.0	0.0	2.2	2.2	2.2	2.2	4.4	4.4	4.4
77.5°	0.0	0.0	0.0	0.0	2.2	2.2	2.2	2.2	2.2	2.2	4.4
75°	0.0	0.0	0.0	0.0	2.2	2.2	2.2	2.2	2.2	2.2	2.2
72.5°	0.0	0.0	0.0	0.0	2.2	2.2	2.2	2.2	2.2	2.2	2.2
70°	0.0	0.0	0.0	0.0	2.2	2.2	2.2	2.2	2.2	2.2	2.2
67.5°	0.0	0.0	0.0	0.0	2.2	2.2	2.2	2.2	2.2	2.2	2.2
65°	0.0	0.0	0.0	0.0	2.2	2.2	2.2	2.2	2.2	2.2	2.2
62.5°	0.0	0.0	0.0	0.0	2.2	2.2	2.2	2.2	2.2	2.2	2.2
60°	4.4	4.4	4.4	4.4	6.6	6.6	8.7	8.7	8.7	4.4	8.7
57.5°	35.0	35.0	32.8	30.6	28.4	26.2	26.2	26.2	26.2	26.2	21.9
55°	48.1	48.1	48.1	45.9	45.9	43.7	41.6	39.4	39.4	37.2	35.0
52.5°	56.9	56.9	56.9	56.9	54.7	54.7	54.7	52.5	48.1	48.1	45.9
50°	80.9	78.7	78.7	78.7	78.7	74.4	72.2	67.8	65.6	63.4	61.2
47.5°	105.0	105.0	102.8	102.8	100.6	96.2	91.9	87.5	83.1	80.9	76.6
45°	124.7	124.7	122.5	122.5	120.3	115.9	109.4	102.8	98.4	94.1	89.7
42.5°	153.1	150.9	148.7	146.6	142.2	135.6	126.9	118.1	111.6	105.0	100.6
40°	183.7	183.7	181.6	179.4	172.8	166.2	155.3	144.4	133.4	120.3	113.7
37.5°	220.9	223.1	225.3	225.3	220.9	212.2	196.9	183.7	166.2	148.7	140.0
35°	288.7	288.7	293.1	293.1	286.6	275.6	264.7	236.2	214.4	192.5	172.8
32.5°	363.1	365.3	356.6	350.0	341.2	328.1	308.4	284.4	260.3	231.9	210.0
30°	435.3	435.3	424.4	411.2	393.7	371.9	347.8	321.6	293.1	264.7	238.4
27.5°	549.1	538.1	529.4	507.5	476.9	435.3	404.7	363.1	325.9	293.1	264.7
25°	737.2	735.0	715.3	678.1	616.9	551.2	500.9	430.9	374.1	323.7	290.9
22.5°	1172.5	1157.2	1111.2	1019.4	875.0	761.2	658.4	549.1	446.2	378.4	325.9
20°	2167.8	2117.5	1995.0	1741.2	1417.5	1194.3	938.4	754.7	581.9	455.0	376.2
17.5°	4044.6	4011.8	3965.9	3379.6	2721.2	2248.7	1673.4	1157.2	826.9	595.0	446.2
15°	7581.7	7338.9	6831.4	6129.2	5208.3	4024.9	2959.6	1868.1	1181.2	791.9	566.6
12.5°	12960.7	12691.6	11381.3	9624.8	7968.9	6284.6	4412.1	2839.3	1682.2	1006.2	671.5
10°	25825.1	23871.7	20203.3	15078.1	11768.5	8776.1	6194.9	3874.0	2189.6	1270.9	796.2
7.5°	52894.8	46511.8	35841.4	25302.3	16377.5	11510.4	7912.0	5066.1	2918.1	1590.3	910.0
5°	95869.5	84545.1	63694.3	38352.6	23782.0	14426.3	9388.6	6024.2	3454.0	1850.6	1023.7
2.5°	146386.6	131737.2	92085.2	52737.3	29325.0	16683.7	10421.0	6654.2	3795.2	2027.8	1111.2
0°	174801.6	156142.6	108445.2	60378.1	31965.3	17641.8	10926.3	7032.7	4084.0	2172.1	1168.1
-2.5°	161473.5	146452.2	99662.6	56086.3	30545.6	17221.8	10998.5	7126.7	4132.1	2211.5	1194.3
-5°	113806.7	101478.2	68959.5	41388.8	25917.0	15863.4	10377.3	6772.4	3998.7	2154.6	1183.4
-7.5°	60209.7	54631.7	40896.6	29740.6	18917.1	13426.6	9342.6	6144.6	3653.0	2001.5	1117.8
-10°	31107.8	29963.7	25820.7	19464.0	15307.8	11247.9	7973.3	5254.3	3053.7	1723.7	1006.2
-12.5°	17934.9	17740.3	16408.1	14085.0	11737.9	9239.8	6542.7	4285.2	2548.4	1428.4	848.7
-15°	11613.2	11696.3	11232.6	10265.7	8929.2	6914.5	5026.8	3187.1	1885.6	1157.2	748.1
-17.5°	7925.1	7903.3	7686.7	7023.9	5947.7	4670.2	3331.5	2250.9	1428.4	901.2	621.2
-20°	5013.6	5022.4	4821.1	4364.0	3572.1	2878.7	2073.7	1518.1	1012.8	708.7	549.1



REPORT NUMBER: P724042

CATALOG NUMBER: IFLD-S-SA2D-727-U-22-VI

CANDELA DISTRIBUTION (continued):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
-22.5°	2909.3	2915.9	2789.0	2530.9	2115.3	1706.2	1347.5	1004.0	745.9	590.6	481.2
-25°	1671.2	1645.0	1594.7	1470.0	1275.3	1052.2	894.7	706.5	597.2	500.9	439.7
-27.5°	1012.8	995.3	969.0	914.4	837.8	726.2	654.0	570.9	507.5	450.6	413.4
-30°	706.5	713.1	691.2	662.8	627.8	577.5	538.1	498.7	457.2	422.2	387.2
-32.5°	562.2	566.6	555.6	544.7	527.2	507.5	483.4	455.0	422.2	389.4	356.6
-35°	483.4	485.6	485.6	483.4	479.1	463.7	446.2	420.0	389.4	358.7	330.3
-37.5°	444.1	446.2	446.2	444.1	437.5	424.4	406.9	385.0	356.6	328.1	306.2
-40°	402.5	404.7	402.5	398.1	391.6	378.4	365.3	347.8	325.9	301.9	282.2
-42.5°	363.1	360.9	358.7	354.4	347.8	339.1	328.1	315.0	299.7	282.2	266.9
-45°	325.9	325.9	323.7	321.6	317.2	310.6	304.1	293.1	282.2	269.1	255.9
-47.5°	306.2	306.2	304.1	301.9	299.7	295.3	288.7	280.0	271.2	260.3	249.4
-50°	293.1	293.1	293.1	290.9	288.7	284.4	277.8	271.2	262.5	251.6	240.6
-52.5°	284.4	284.4	284.4	282.2	280.0	277.8	271.2	262.5	251.6	242.8	234.1
-55°	280.0	277.8	277.8	275.6	273.4	271.2	262.5	253.7	245.0	236.2	227.5
-57.5°	273.4	271.2	271.2	269.1	266.9	264.7	255.9	247.2	238.4	227.5	220.9
-60°	266.9	264.7	264.7	260.3	258.1	255.9	247.2	238.4	229.7	220.9	212.2
-62.5°	258.1	255.9	253.7	251.6	247.2	242.8	236.2	227.5	216.6	207.8	199.1
-65°	238.4	236.2	234.1	231.9	229.7	227.5	220.9	210.0	201.2	192.5	183.7
-67.5°	214.4	214.4	214.4	210.0	207.8	203.4	199.1	190.3	181.6	172.8	166.2
-70°	185.9	185.9	185.9	181.6	179.4	177.2	170.6	164.1	157.5	150.9	142.2
-72.5°	157.5	155.3	155.3	153.1	148.7	146.6	142.2	137.8	131.2	126.9	120.3
-75°	129.1	126.9	126.9	124.7	122.5	120.3	115.9	113.7	109.4	105.0	98.4
-77.5°	102.8	102.8	102.8	100.6	98.4	96.2	94.1	91.9	89.7	85.3	80.9
-80°	78.7	78.7	78.7	78.7	78.7	78.7	78.7	76.6	72.2	70.0	67.8
-82.5°	56.9	59.1	59.1	59.1	59.1	59.1	59.1	59.1	56.9	54.7	52.5
-85°	37.2	39.4	39.4	41.6	43.7	43.7	45.9	43.7	41.6	37.2	35.0
-87.5°	19.7	19.7	19.7	19.7	19.7	19.7	19.7	17.5	17.5	17.5	15.3
-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: P724042
 CATALOG NUMBER: IFLD-S-SA2D-727-U-22-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°	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	4.4	4.4	4.4
85°	4.4	4.4	4.4	4.4	6.6	6.6	6.6	8.7	8.7	8.7	8.7
82.5°	4.4	6.6	6.6	6.6	8.7	8.7	10.9	13.1	17.5	19.7	19.7
80°	4.4	6.6	6.6	6.6	8.7	8.7	10.9	10.9	13.1	15.3	19.7
77.5°	4.4	4.4	6.6	6.6	6.6	8.7	8.7	10.9	10.9	13.1	15.3
75°	2.2	4.4	4.4	4.4	6.6	6.6	8.7	8.7	10.9	10.9	13.1
72.5°	2.2	4.4	4.4	4.4	6.6	6.6	8.7	8.7	8.7	10.9	10.9
70°	2.2	4.4	4.4	4.4	4.4	6.6	6.6	6.6	8.7	8.7	8.7
67.5°	2.2	2.2	2.2	4.4	4.4	4.4	4.4	6.6	6.6	6.6	8.7
65°	2.2	2.2	2.2	2.2	4.4	4.4	4.4	4.4	6.6	6.6	6.6
62.5°	2.2	2.2	2.2	4.4	4.4	4.4	4.4	4.4	6.6	6.6	6.6
60°	8.7	8.7	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.6
57.5°	19.7	19.7	17.5	15.3	13.1	13.1	10.9	8.7	8.7	6.6	6.6
55°	32.8	30.6	28.4	24.1	21.9	19.7	17.5	13.1	10.9	8.7	6.6
52.5°	41.6	39.4	37.2	35.0	30.6	26.2	24.1	21.9	17.5	13.1	10.9
50°	61.2	54.7	50.3	45.9	41.6	37.2	32.8	30.6	24.1	19.7	15.3
47.5°	74.4	70.0	63.4	59.1	54.7	48.1	41.6	37.2	32.8	26.2	19.7
45°	85.3	80.9	74.4	70.0	65.6	59.1	52.5	45.9	41.6	35.0	26.2
42.5°	96.2	91.9	85.3	80.9	74.4	67.8	61.2	54.7	48.1	43.7	35.0
40°	111.6	105.0	96.2	91.9	87.5	78.7	70.0	63.4	56.9	50.3	41.6
37.5°	131.2	124.7	113.7	105.0	98.4	91.9	83.1	74.4	67.8	59.1	50.3
35°	161.9	150.9	135.6	122.5	113.7	105.0	94.1	85.3	76.6	67.8	59.1
32.5°	192.5	175.0	155.3	140.0	126.9	115.9	105.0	96.2	85.3	74.4	65.6
30°	216.6	196.9	177.2	155.3	140.0	126.9	115.9	105.0	94.1	83.1	72.2
27.5°	240.6	218.7	196.9	175.0	153.1	135.6	124.7	113.7	102.8	91.9	78.7
25°	264.7	240.6	218.7	194.7	168.4	148.7	133.4	124.7	113.7	100.6	85.3
22.5°	286.6	264.7	242.8	216.6	185.9	159.7	144.4	133.4	122.5	107.2	94.1
20°	328.1	299.7	273.4	240.6	205.6	179.4	159.7	144.4	131.2	115.9	100.6
17.5°	382.8	341.2	306.2	269.1	234.1	201.2	172.8	155.3	142.2	124.7	107.2
15°	452.8	380.6	336.9	299.7	258.1	220.9	190.3	166.2	148.7	131.2	115.9
12.5°	505.3	411.2	363.1	328.1	284.4	242.8	203.4	175.0	155.3	137.8	120.3
10°	564.4	444.1	385.0	345.6	299.7	253.7	212.2	181.6	159.7	144.4	126.9
7.5°	612.5	470.3	395.9	352.2	308.4	262.5	220.9	188.1	166.2	148.7	131.2
5°	656.2	492.2	404.7	354.4	312.8	269.1	225.3	192.5	170.6	153.1	135.6
2.5°	686.9	511.9	413.4	358.7	317.2	273.4	231.9	196.9	175.0	157.5	140.0
0°	713.1	518.4	411.2	358.7	319.4	273.4	234.1	199.1	177.2	159.7	142.2
-2.5°	721.9	529.4	422.2	363.1	323.7	277.8	238.4	201.2	179.4	161.9	146.6
-5°	721.9	520.6	422.2	367.5	325.9	280.0	238.4	203.4	181.6	164.1	146.6
-7.5°	695.6	507.5	420.0	371.9	328.1	282.2	238.4	205.6	183.7	166.2	148.7
-10°	649.7	487.8	417.8	374.1	328.1	280.0	238.4	205.6	183.7	166.2	150.9
-12.5°	575.3	461.6	406.9	369.7	323.7	275.6	236.2	205.6	183.7	168.4	150.9
-15°	538.1	439.7	393.7	356.6	312.8	269.1	231.9	203.4	183.7	168.4	153.1
-17.5°	487.8	422.2	380.6	343.4	304.1	262.5	227.5	203.4	183.7	166.2	153.1
-20°	452.8	402.5	365.3	332.5	293.1	255.9	225.3	201.2	183.7	166.2	153.1



REPORT NUMBER: P724042
 CATALOG NUMBER: IFLD-S-SA2D-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°	422.2	380.6	347.8	315.0	280.0	247.2	220.9	199.1	181.6	166.2	153.1
-25°	398.1	360.9	330.3	299.7	269.1	240.6	216.6	196.9	179.4	166.2	150.9
-27.5°	376.2	341.2	312.8	284.4	255.9	234.1	212.2	194.7	179.4	164.1	148.7
-30°	352.2	323.7	295.3	269.1	249.4	227.5	207.8	190.3	177.2	161.9	146.6
-32.5°	328.1	301.9	277.8	258.1	240.6	223.1	205.6	188.1	172.8	157.5	142.2
-35°	306.2	282.2	264.7	247.2	234.1	218.7	201.2	183.7	170.6	155.3	142.2
-37.5°	284.4	266.9	251.6	238.4	225.3	212.2	194.7	179.4	166.2	150.9	135.6
-40°	266.9	253.7	242.8	231.9	218.7	203.4	190.3	175.0	161.9	146.6	129.1
-42.5°	255.9	245.0	234.1	223.1	212.2	199.1	185.9	170.6	157.5	142.2	124.7
-45°	245.0	236.2	227.5	218.7	207.8	194.7	179.4	164.1	150.9	135.6	122.5
-47.5°	238.4	229.7	220.9	214.4	205.6	188.1	175.0	159.7	144.4	131.2	115.9
-50°	231.9	223.1	216.6	207.8	196.9	181.6	168.4	153.1	140.0	124.7	111.6
-52.5°	225.3	216.6	207.8	199.1	188.1	175.0	161.9	148.7	133.4	118.1	105.0
-55°	218.7	210.0	201.2	192.5	181.6	170.6	157.5	140.0	124.7	109.4	96.2
-57.5°	212.2	205.6	194.7	183.7	172.8	161.9	146.6	131.2	115.9	100.6	89.7
-60°	203.4	194.7	185.9	172.8	161.9	148.7	135.6	122.5	107.2	94.1	83.1
-62.5°	190.3	181.6	172.8	159.7	148.7	137.8	126.9	111.6	100.6	87.5	76.6
-65°	175.0	166.2	157.5	146.6	135.6	124.7	115.9	102.8	91.9	80.9	72.2
-67.5°	157.5	148.7	142.2	131.2	122.5	111.6	102.8	91.9	80.9	72.2	63.4
-70°	135.6	129.1	122.5	113.7	105.0	96.2	87.5	78.7	70.0	63.4	54.7
-72.5°	115.9	109.4	102.8	96.2	89.7	80.9	74.4	67.8	61.2	54.7	50.3
-75°	94.1	89.7	85.3	80.9	74.4	67.8	63.4	56.9	52.5	48.1	45.9
-77.5°	78.7	74.4	70.0	65.6	61.2	56.9	52.5	48.1	45.9	43.7	41.6
-80°	63.4	61.2	59.1	54.7	52.5	48.1	45.9	41.6	41.6	41.6	41.6
-82.5°	50.3	48.1	45.9	43.7	41.6	39.4	39.4	37.2	39.4	39.4	37.2
-85°	35.0	32.8	30.6	30.6	28.4	28.4	26.2	26.2	26.2	24.1	24.1
-87.5°	15.3	15.3	15.3	15.3	13.1	13.1	13.1	13.1	13.1	10.9	10.9
-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: P724042
 CATALOG NUMBER: IFLD-S-SA2D-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°	4.4	4.4	2.2	2.2	2.2	2.2	2.2	2.2	2.2	0.0	0.0
85°	8.7	8.7	6.6	6.6	6.6	4.4	4.4	2.2	2.2	2.2	2.2
82.5°	19.7	17.5	15.3	13.1	10.9	8.7	6.6	4.4	4.4	2.2	2.2
80°	24.1	24.1	24.1	21.9	17.5	13.1	8.7	6.6	4.4	2.2	2.2
77.5°	17.5	17.5	19.7	21.9	21.9	17.5	10.9	6.6	4.4	4.4	2.2
75°	13.1	13.1	13.1	15.3	17.5	17.5	13.1	8.7	4.4	4.4	2.2
72.5°	13.1	13.1	13.1	13.1	13.1	13.1	13.1	8.7	6.6	4.4	4.4
70°	10.9	10.9	10.9	10.9	10.9	10.9	10.9	8.7	6.6	4.4	4.4
67.5°	8.7	8.7	10.9	10.9	10.9	8.7	8.7	8.7	6.6	4.4	4.4
65°	6.6	8.7	8.7	10.9	8.7	8.7	8.7	6.6	6.6	4.4	4.4
62.5°	6.6	6.6	8.7	8.7	8.7	8.7	6.6	6.6	6.6	4.4	4.4
60°	6.6	6.6	6.6	8.7	6.6	6.6	6.6	6.6	6.6	4.4	4.4
57.5°	6.6	6.6	6.6	6.6	6.6	6.6	6.6	4.4	4.4	4.4	4.4
55°	6.6	6.6	6.6	6.6	6.6	6.6	4.4	4.4	4.4	4.4	4.4
52.5°	8.7	6.6	6.6	6.6	6.6	6.6	4.4	4.4	4.4	4.4	4.4
50°	10.9	6.6	6.6	6.6	6.6	4.4	4.4	4.4	4.4	4.4	4.4
47.5°	15.3	10.9	8.7	6.6	6.6	4.4	4.4	4.4	4.4	4.4	2.2
45°	21.9	15.3	10.9	8.7	6.6	4.4	4.4	4.4	4.4	4.4	2.2
42.5°	26.2	19.7	13.1	10.9	8.7	6.6	4.4	4.4	4.4	2.2	2.2
40°	32.8	26.2	17.5	13.1	8.7	6.6	4.4	4.4	4.4	2.2	2.2
37.5°	41.6	32.8	21.9	15.3	10.9	6.6	6.6	4.4	4.4	2.2	2.2
35°	48.1	37.2	28.4	17.5	13.1	8.7	6.6	4.4	4.4	2.2	2.2
32.5°	54.7	43.7	35.0	21.9	15.3	10.9	8.7	4.4	4.4	2.2	2.2
30°	61.2	50.3	39.4	28.4	19.7	13.1	8.7	4.4	4.4	2.2	2.2
27.5°	67.8	54.7	43.7	32.8	21.9	15.3	10.9	6.6	4.4	2.2	2.2
25°	74.4	61.2	48.1	37.2	24.1	17.5	10.9	6.6	4.4	4.4	2.2
22.5°	78.7	67.8	54.7	41.6	28.4	19.7	13.1	8.7	4.4	4.4	2.2
20°	85.3	74.4	59.1	45.9	32.8	21.9	13.1	8.7	4.4	4.4	2.2
17.5°	91.9	78.7	63.4	50.3	37.2	24.1	15.3	10.9	4.4	4.4	2.2
15°	98.4	83.1	67.8	52.5	39.4	26.2	15.3	10.9	4.4	4.4	2.2
12.5°	105.0	89.7	72.2	56.9	41.6	28.4	17.5	13.1	6.6	4.4	2.2
10°	109.4	94.1	76.6	59.1	43.7	32.8	19.7	13.1	6.6	4.4	2.2
7.5°	115.9	98.4	80.9	63.4	45.9	35.0	21.9	13.1	6.6	4.4	2.2
5°	118.1	102.8	83.1	67.8	48.1	37.2	24.1	15.3	6.6	4.4	2.2
2.5°	120.3	107.2	85.3	70.0	50.3	37.2	24.1	15.3	8.7	4.4	2.2
0°	122.5	109.4	87.5	72.2	52.5	39.4	26.2	15.3	8.7	4.4	2.2
-2.5°	124.7	111.6	91.9	74.4	54.7	41.6	28.4	15.3	8.7	4.4	2.2
-5°	126.9	111.6	96.2	76.6	56.9	41.6	28.4	17.5	10.9	4.4	2.2
-7.5°	129.1	113.7	98.4	78.7	59.1	41.6	30.6	17.5	10.9	6.6	2.2
-10°	131.2	115.9	100.6	80.9	59.1	43.7	30.6	17.5	10.9	6.6	2.2
-12.5°	133.4	118.1	100.6	80.9	61.2	43.7	30.6	19.7	10.9	6.6	2.2
-15°	135.6	118.1	100.6	80.9	61.2	45.9	32.8	19.7	10.9	6.6	4.4
-17.5°	135.6	118.1	100.6	83.1	61.2	45.9	32.8	19.7	10.9	6.6	4.4
-20°	135.6	118.1	100.6	83.1	61.2	45.9	32.8	19.7	10.9	6.6	4.4



REPORT NUMBER: P724042

CATALOG NUMBER: IFLD-S-SA2D-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°	133.4	115.9	100.6	80.9	61.2	45.9	32.8	19.7	13.1	6.6	4.4
-25°	133.4	115.9	100.6	80.9	61.2	45.9	30.6	19.7	13.1	6.6	4.4
-27.5°	131.2	115.9	98.4	78.7	59.1	43.7	30.6	19.7	13.1	6.6	4.4
-30°	129.1	113.7	96.2	76.6	59.1	43.7	30.6	19.7	13.1	6.6	4.4
-32.5°	126.9	109.4	94.1	74.4	56.9	41.6	30.6	19.7	13.1	6.6	4.4
-35°	122.5	107.2	89.7	72.2	54.7	41.6	28.4	19.7	13.1	8.7	4.4
-37.5°	118.1	102.8	87.5	70.0	52.5	39.4	28.4	19.7	13.1	8.7	4.4
-40°	113.7	100.6	83.1	65.6	50.3	37.2	28.4	19.7	13.1	8.7	6.6
-42.5°	109.4	96.2	80.9	63.4	50.3	37.2	26.2	19.7	13.1	8.7	6.6
-45°	107.2	94.1	76.6	61.2	48.1	37.2	26.2	17.5	13.1	8.7	6.6
-47.5°	102.8	87.5	72.2	59.1	45.9	35.0	24.1	17.5	13.1	8.7	6.6
-50°	96.2	83.1	70.0	56.9	43.7	32.8	24.1	17.5	13.1	8.7	6.6
-52.5°	89.7	76.6	65.6	52.5	41.6	32.8	24.1	17.5	13.1	8.7	6.6
-55°	83.1	72.2	61.2	50.3	39.4	30.6	21.9	17.5	13.1	8.7	6.6
-57.5°	78.7	67.8	56.9	45.9	37.2	28.4	21.9	15.3	10.9	8.7	6.6
-60°	74.4	63.4	52.5	43.7	35.0	28.4	21.9	15.3	10.9	8.7	4.4
-62.5°	67.8	59.1	48.1	41.6	32.8	26.2	19.7	15.3	10.9	8.7	4.4
-65°	61.2	52.5	43.7	37.2	30.6	24.1	19.7	15.3	10.9	8.7	4.4
-67.5°	54.7	48.1	41.6	35.0	28.4	24.1	19.7	15.3	10.9	6.6	4.4
-70°	50.3	43.7	37.2	32.8	28.4	21.9	19.7	15.3	10.9	6.6	4.4
-72.5°	43.7	39.4	35.0	30.6	26.2	24.1	19.7	15.3	8.7	6.6	4.4
-75°	41.6	37.2	32.8	30.6	28.4	24.1	19.7	13.1	8.7	6.6	4.4
-77.5°	41.6	37.2	35.0	32.8	28.4	24.1	17.5	10.9	6.6	6.6	4.4
-80°	41.6	39.4	37.2	30.6	26.2	19.7	13.1	10.9	6.6	4.4	2.2
-82.5°	37.2	30.6	26.2	21.9	19.7	15.3	10.9	8.7	4.4	4.4	2.2
-85°	24.1	19.7	17.5	15.3	13.1	10.9	6.6	4.4	4.4	2.2	2.2
-87.5°	10.9	10.9	8.7	6.6	6.6	4.4	4.4	2.2	2.2	2.2	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: P724042
 CATALOG NUMBER: IFLD-S-SA2D-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°	2.2	0.0	0.0	0.0
77.5°	2.2	0.0	0.0	0.0
75°	2.2	2.2	0.0	0.0
72.5°	2.2	2.2	0.0	0.0
70°	2.2	2.2	0.0	0.0
67.5°	2.2	2.2	0.0	0.0
65°	2.2	2.2	0.0	0.0
62.5°	2.2	2.2	0.0	0.0
60°	2.2	2.2	0.0	0.0
57.5°	2.2	2.2	2.2	0.0
55°	2.2	2.2	2.2	0.0
52.5°	2.2	2.2	2.2	0.0
50°	2.2	2.2	2.2	0.0
47.5°	2.2	2.2	2.2	0.0
45°	2.2	2.2	2.2	0.0
42.5°	2.2	2.2	2.2	0.0
40°	2.2	2.2	2.2	0.0
37.5°	2.2	2.2	2.2	0.0
35°	2.2	2.2	2.2	0.0
32.5°	2.2	2.2	2.2	0.0
30°	2.2	2.2	2.2	0.0
27.5°	2.2	2.2	2.2	0.0
25°	2.2	2.2	2.2	0.0
22.5°	2.2	2.2	2.2	0.0
20°	2.2	2.2	2.2	0.0
17.5°	2.2	2.2	2.2	0.0
15°	2.2	2.2	2.2	0.0
12.5°	2.2	2.2	2.2	0.0
10°	2.2	2.2	2.2	0.0
7.5°	2.2	2.2	2.2	0.0
5°	2.2	2.2	2.2	0.0
2.5°	2.2	2.2	2.2	0.0
0°	2.2	2.2	2.2	0.0
-2.5°	2.2	2.2	2.2	0.0
-5°	2.2	2.2	2.2	0.0
-7.5°	2.2	2.2	2.2	0.0
-10°	2.2	2.2	2.2	0.0
-12.5°	2.2	2.2	2.2	0.0
-15°	2.2	2.2	2.2	0.0
-17.5°	2.2	2.2	2.2	0.0
-20°	2.2	2.2	2.2	0.0



REPORT NUMBER: P724042
 CATALOG NUMBER: IFLD-S-SA2D-727-U-22-VI

CANDELA DISTRIBUTION (continued):

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