

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: P724217

Luminaire Tested: **IFLD-S-SA2E-827-U-22-VI**

Issue Date: 01/11/2023

Test Information

Test Method: LM-79-2019
Report Number: P724217
Test Lab: INNOVATION CENTER(G2)
Issue Date: 01/11/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA2E-827-U-22-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 2 distribution lens and Visor
Light Source: (32) 2700K CCT, 80 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

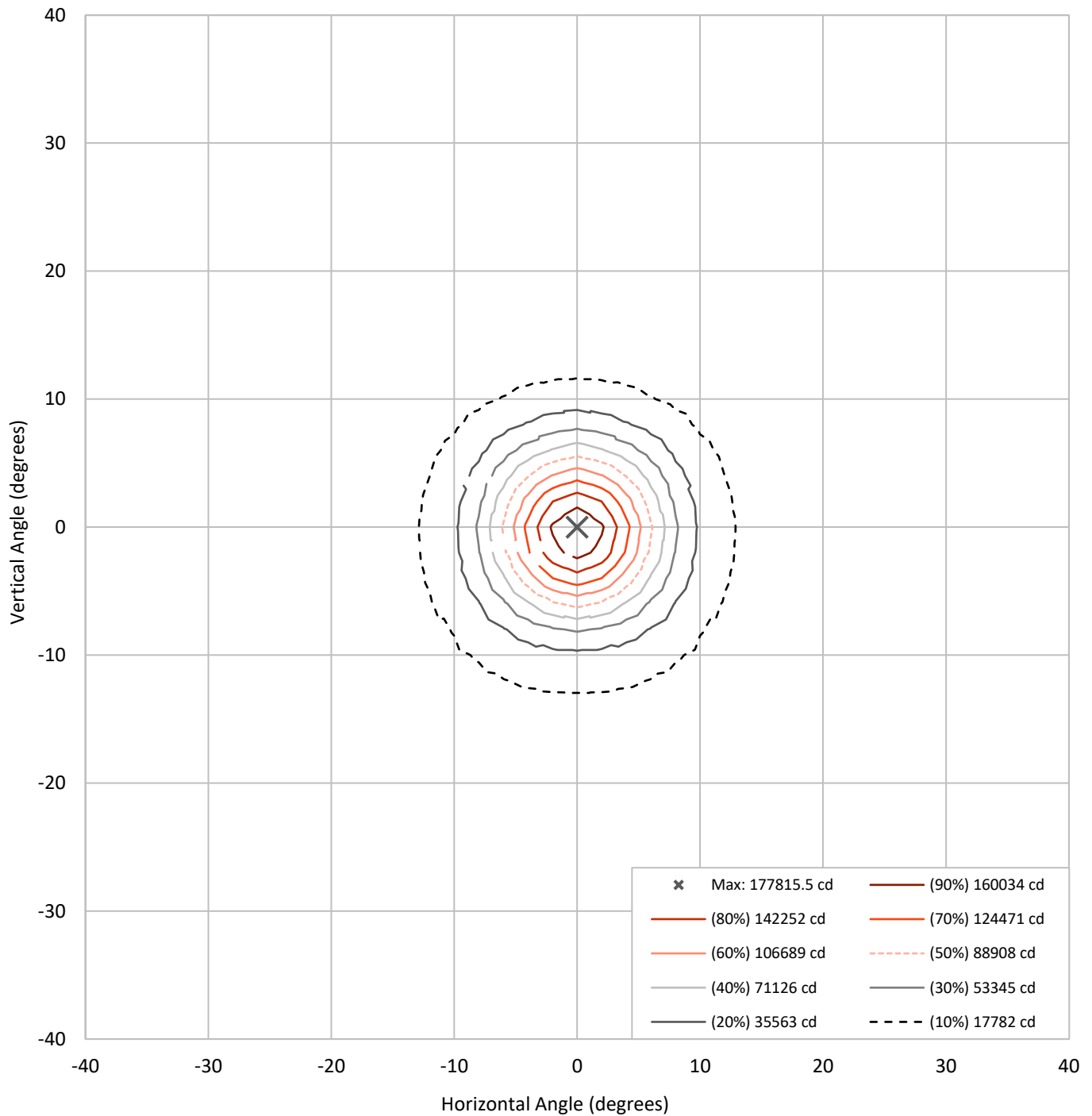
Lumens per Lamp:	N/A	NEMA Type:	2H x 2V
Luminaire Lumens:	12420.5 lumens	Max Intensity:	177815.5 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	79.5 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')		
Beam Angle (50%):	12.2°H x 11.7°V	Field Angle (10%):	25.1°H x 24.3°V
Beam Lumens:	3885.7 lumens	Field Lumens:	8841.4 lumens
Beam Efficiency:	31.3%	Field Efficiency:	71.2%

Input Watts (W): 156.2
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: P724217
CATALOG NUMBER: IFLD-S-SA2E-827-U-22-VI

Iso-Candela Plot





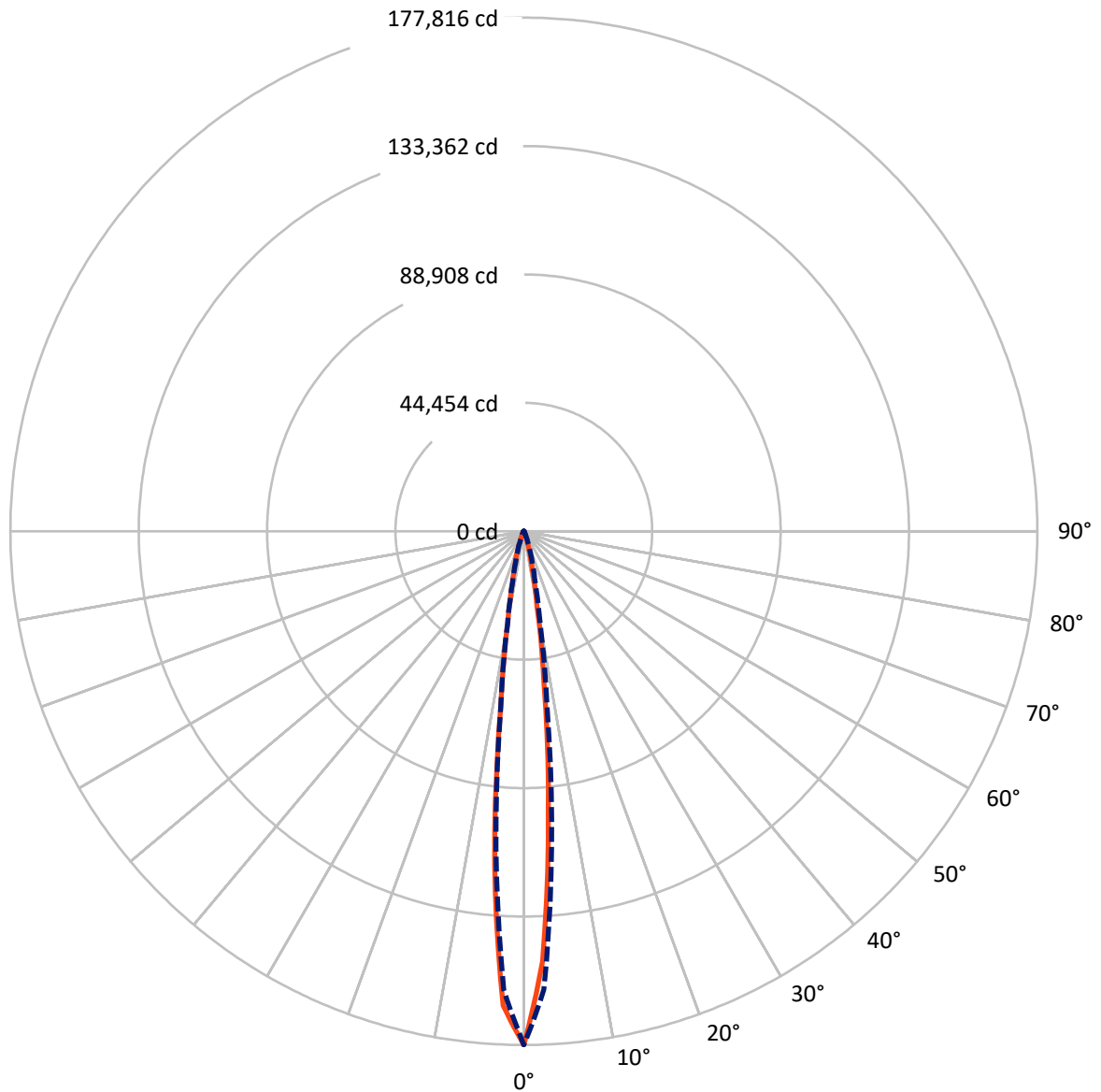
REPORT NUMBER: P724217
 CATALOG NUMBER: IFLD-S-SA2E-827-U-22-VI

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	0.1
60		0.1	0.1	0.3	0.6	1.0	1.2	1.4	1.4	1.2	1.0	0.6	0.3	0.1	0.1				
50	0.1	0.1	0.4	1.0	1.8	2.5	3.3	3.9	3.9	3.3	2.5	1.8	1.0	0.4	0.1				0.1
40		0.2	0.9	1.9	3.2	5.0	7.6	9.0	9.0	7.6	5.0	3.2	1.9	0.9	0.2				
30	0.1	0.4	1.3	2.7	5.0	8.6	16.6	26.7	26.7	16.6	8.6	5.0	2.7	1.3	0.4				0.1
20		0.5	1.8	3.7	7.6	18.7	97.9	247.6	247.6	97.9	18.7	7.6	3.7	1.8	0.5				
10	0.2	0.7	2.1	4.4	9.2	38.0	315.2	1942.1	1942.1	315.2	38.0	9.2	4.4	2.1	0.7				0.2
0		0.8	2.3	4.7	9.6	43.4	346.8	2138.8	2138.8	346.8	43.4	9.6	4.7	2.3	0.8				
-10	0.3	0.9	2.4	4.6	9.0	26.0	155.7	375.1	375.1	155.7	26.0	9.0	4.6	2.4	0.9				0.3
-20		0.8	2.4	4.4	7.6	13.2	32.2	60.4	60.4	32.2	13.2	7.6	4.4	2.4	0.8				
-30	0.3	0.8	2.2	4.1	6.3	9.4	13.3	15.6	15.6	13.3	9.4	6.3	4.1	2.2	0.8				0.3
-40		0.7	1.9	3.6	5.5	7.3	9.2	10.3	10.3	9.2	7.3	5.5	3.6	1.9	0.7				
-50	0.2	0.5	1.5	3.1	4.8	6.4	7.8	8.5	8.5	7.8	6.4	4.8	3.1	1.5	0.5				0.2
-60		0.4	1.1	2.2	3.7	5.1	6.4	7.1	7.1	6.4	5.1	3.7	2.2	1.1	0.4				
-70	0.1	1.7	4.7	8.6	10.4	8.6	4.7	1.7	0.1										0.1
-80		1.7	4.7	8.6	10.4	8.6	4.7	1.7	0.1										
-90	0.1	1.7	4.7	8.6	10.4	8.6	4.7	1.7	0.1										0.1
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

REPORT NUMBER: P724217
CATALOG NUMBER: IFLD-S-SA2E-827-U-22-VI

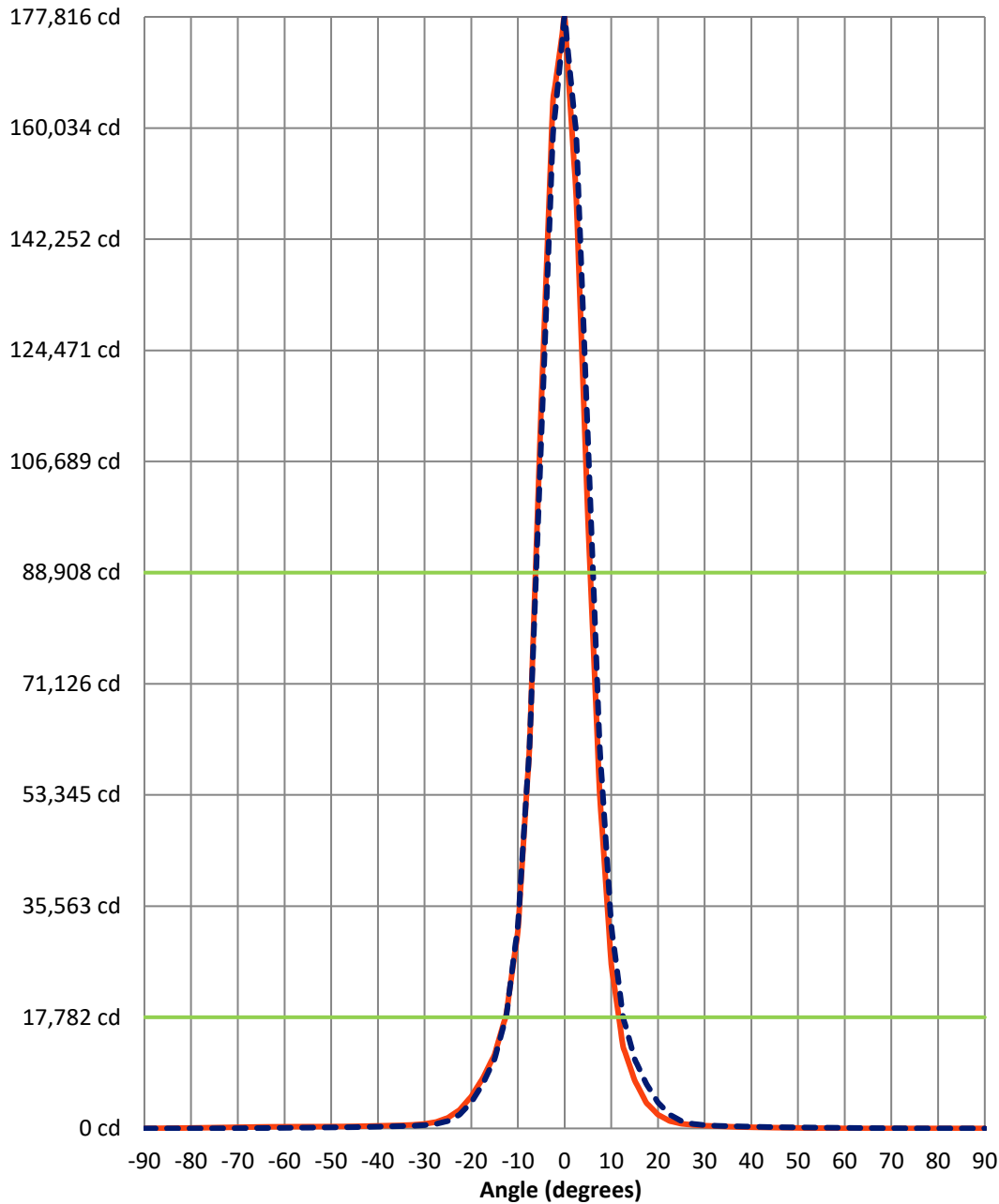
Luminous Intensity Polar Plot



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

REPORT NUMBER: P724217
CATALOG NUMBER: IFLD-S-SA2E-827-U-22-VI

Luminous Intensity Plot



Beam:
H Angle: 12.2°
V Angle: 11.7°
Lumens: 3885.7
Efficiency: 31.3%

Field:
H Angle: 25.1°
V Angle: 24.3°
Lumens: 8841.4
Efficiency: 71.2%

Spill:
Lumens: 3579.1
Efficiency: 28.8%

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



REPORT NUMBER: P724217
 CATALOG NUMBER: IFLD-S-SA2E-827-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	4.5	4.5
82.5°	0.0	0.0	0.0	0.0	2.2	2.2	2.2	2.2	4.5	4.5	4.5
80°	0.0	0.0	0.0	0.0	2.2	2.2	2.2	2.2	4.5	4.5	4.5
77.5°	0.0	0.0	0.0	0.0	2.2	2.2	2.2	2.2	2.2	2.2	4.5
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°	4.5	4.5	4.5	4.5	6.7	6.7	8.9	8.9	8.9	4.5	8.9
57.5°	35.6	35.6	33.4	31.2	28.9	26.7	26.7	26.7	26.7	26.7	22.3
55°	49.0	49.0	49.0	46.7	46.7	44.5	42.3	40.1	40.1	37.8	35.6
52.5°	57.9	57.9	57.9	57.9	55.6	55.6	55.6	53.4	49.0	49.0	46.7
50°	82.3	80.1	80.1	80.1	80.1	75.7	73.4	69.0	66.8	64.5	62.3
47.5°	106.8	106.8	104.6	104.6	102.4	97.9	93.5	89.0	84.6	82.3	77.9
45°	126.8	126.8	124.6	124.6	122.4	117.9	111.3	104.6	100.1	95.7	91.2
42.5°	155.8	153.5	151.3	149.1	144.6	138.0	129.1	120.2	113.5	106.8	102.4
40°	186.9	186.9	184.7	182.5	175.8	169.1	158.0	146.9	135.7	122.4	115.7
37.5°	224.7	227.0	229.2	229.2	224.7	215.8	200.3	186.9	169.1	151.3	142.4
35°	293.7	293.7	298.2	298.2	291.5	280.4	269.2	240.3	218.1	195.8	175.8
32.5°	369.4	371.6	362.7	356.0	347.1	333.8	313.7	289.3	264.8	235.9	213.6
30°	442.8	442.8	431.7	418.3	400.5	378.3	353.8	327.1	298.2	269.2	242.5
27.5°	558.5	547.4	538.5	516.2	485.1	442.8	411.7	369.4	331.6	298.2	269.2
25°	749.9	747.7	727.6	689.8	627.5	560.7	509.6	438.4	380.5	329.3	295.9
22.5°	1192.7	1177.1	1130.4	1036.9	890.1	774.4	669.8	558.5	453.9	385.0	331.6
20°	2205.1	2154.0	2029.4	1771.2	1441.9	1214.9	954.6	767.7	591.9	462.8	382.7
17.5°	4114.3	4081.0	4034.2	3437.9	2768.1	2287.5	1702.3	1177.1	841.1	605.2	453.9
15°	7712.4	7465.4	6949.2	6234.9	5298.1	4094.3	3010.7	1900.3	1201.6	805.5	576.3
12.5°	13184.1	12910.4	11577.6	9790.7	8106.3	6392.9	4488.2	2888.3	1711.2	1023.6	683.1
10°	26270.3	24283.3	20551.7	15338.1	11971.4	8927.4	6301.7	3940.8	2227.4	1292.8	810.0
7.5°	53806.8	47313.8	36459.4	25738.5	16659.8	11708.8	8048.4	5153.5	2968.4	1617.7	925.7
5°	97522.5	86002.8	64792.5	39013.9	24192.0	14675.0	9550.4	6128.1	3513.5	1882.5	1041.4
2.5°	148910.6	134008.6	93673.0	53646.6	29830.6	16971.4	10600.7	6769.0	3860.7	2062.7	1130.4
0°	177815.5	158834.8	110315.0	61419.1	32516.4	17946.0	11114.7	7153.9	4154.4	2209.6	1188.2
-2.5°	164257.5	148977.3	101380.9	57053.3	31072.3	17518.8	11188.2	7249.6	4203.3	2249.6	1214.9
-5°	115768.9	103227.8	70148.5	42102.4	26363.8	16136.9	10556.2	6889.1	4067.6	2191.8	1203.8
-7.5°	61247.8	55573.6	41601.8	30253.4	19243.3	13658.1	9503.7	6250.5	3716.0	2036.0	1137.1
-10°	31644.1	30480.4	26265.9	19799.6	15571.7	11441.8	8110.7	5344.9	3106.3	1753.4	1023.6
-12.5°	18244.2	18046.1	16691.0	14327.9	11940.3	9399.1	6655.5	4359.1	2592.3	1453.0	863.4
-15°	11813.4	11898.0	11426.2	10442.7	9083.1	7033.8	5113.4	3242.1	1918.1	1177.1	761.0
-17.5°	8061.8	8039.5	7819.2	7145.0	6050.2	4750.7	3388.9	2289.7	1453.0	916.8	631.9
-20°	5100.1	5109.0	4904.3	4439.2	3633.7	2928.3	2109.5	1544.3	1030.3	721.0	558.5



REPORT NUMBER: P724217
 CATALOG NUMBER: IFLD-S-SA2E-827-U-22-VI

CANDELA DISTRIBUTION (continued):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
-22.5°	2959.5	2966.2	2837.1	2574.5	2151.7	1735.6	1370.7	1021.4	758.8	600.8	489.5
-25°	1700.0	1673.3	1622.1	1495.3	1297.3	1070.3	910.1	718.7	607.5	509.6	447.3
-27.5°	1030.3	1012.5	985.8	930.1	852.2	738.8	665.3	580.8	516.2	458.4	420.6
-30°	718.7	725.4	703.2	674.2	638.6	587.4	547.4	507.3	465.1	429.5	393.9
-32.5°	571.9	576.3	565.2	554.1	536.3	516.2	491.8	462.8	429.5	396.1	362.7
-35°	491.8	494.0	494.0	491.8	487.3	471.7	453.9	427.2	396.1	364.9	336.0
-37.5°	451.7	453.9	453.9	451.7	445.0	431.7	413.9	391.6	362.7	333.8	311.5
-40°	409.4	411.7	409.4	405.0	398.3	385.0	371.6	353.8	331.6	307.1	287.0
-42.5°	369.4	367.2	364.9	360.5	353.8	344.9	333.8	320.4	304.8	287.0	271.5
-45°	331.6	331.6	329.3	327.1	322.6	316.0	309.3	298.2	287.0	273.7	260.3
-47.5°	311.5	311.5	309.3	307.1	304.8	300.4	293.7	284.8	275.9	264.8	253.7
-50°	298.2	298.2	298.2	295.9	293.7	289.3	282.6	275.9	267.0	255.9	244.8
-52.5°	289.3	289.3	289.3	287.0	284.8	282.6	275.9	267.0	255.9	247.0	238.1
-55°	284.8	282.6	282.6	280.4	278.1	275.9	267.0	258.1	249.2	240.3	231.4
-57.5°	278.1	275.9	275.9	273.7	271.5	269.2	260.3	251.4	242.5	231.4	224.7
-60°	271.5	269.2	269.2	264.8	262.6	260.3	251.4	242.5	233.6	224.7	215.8
-62.5°	262.6	260.3	258.1	255.9	251.4	247.0	240.3	231.4	220.3	211.4	202.5
-65°	242.5	240.3	238.1	235.9	233.6	231.4	224.7	213.6	204.7	195.8	186.9
-67.5°	218.1	218.1	218.1	213.6	211.4	206.9	202.5	193.6	184.7	175.8	169.1
-70°	189.1	189.1	189.1	184.7	182.5	180.2	173.6	166.9	160.2	153.5	144.6
-72.5°	160.2	158.0	158.0	155.8	151.3	149.1	144.6	140.2	133.5	129.1	122.4
-75°	131.3	129.1	129.1	126.8	124.6	122.4	117.9	115.7	111.3	106.8	100.1
-77.5°	104.6	104.6	104.6	102.4	100.1	97.9	95.7	93.5	91.2	86.8	82.3
-80°	80.1	80.1	80.1	80.1	80.1	80.1	80.1	77.9	73.4	71.2	69.0
-82.5°	57.9	60.1	60.1	60.1	60.1	60.1	60.1	60.1	57.9	55.6	53.4
-85°	37.8	40.1	40.1	42.3	44.5	44.5	46.7	44.5	42.3	37.8	35.6
-87.5°	20.0	20.0	20.0	20.0	20.0	20.0	20.0	17.8	17.8	17.8	15.6
-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: P724217
 CATALOG NUMBER: IFLD-S-SA2E-827-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	4.5	4.5	4.5
85°	4.5	4.5	4.5	4.5	6.7	6.7	6.7	8.9	8.9	8.9	8.9
82.5°	4.5	6.7	6.7	6.7	8.9	8.9	11.1	13.4	17.8	20.0	20.0
80°	4.5	6.7	6.7	6.7	8.9	8.9	11.1	11.1	13.4	15.6	20.0
77.5°	4.5	4.5	6.7	6.7	6.7	8.9	8.9	11.1	11.1	13.4	15.6
75°	2.2	4.5	4.5	4.5	6.7	6.7	8.9	8.9	11.1	11.1	13.4
72.5°	2.2	4.5	4.5	4.5	6.7	6.7	8.9	8.9	8.9	11.1	11.1
70°	2.2	4.5	4.5	4.5	4.5	6.7	6.7	6.7	8.9	8.9	8.9
67.5°	2.2	2.2	2.2	4.5	4.5	4.5	4.5	6.7	6.7	6.7	8.9
65°	2.2	2.2	2.2	2.2	4.5	4.5	4.5	4.5	6.7	6.7	6.7
62.5°	2.2	2.2	2.2	4.5	4.5	4.5	4.5	4.5	6.7	6.7	6.7
60°	8.9	8.9	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7
57.5°	20.0	20.0	17.8	15.6	13.4	13.4	11.1	8.9	8.9	6.7	6.7
55°	33.4	31.2	28.9	24.5	22.3	20.0	17.8	13.4	11.1	8.9	6.7
52.5°	42.3	40.1	37.8	35.6	31.2	26.7	24.5	22.3	17.8	13.4	11.1
50°	62.3	55.6	51.2	46.7	42.3	37.8	33.4	31.2	24.5	20.0	15.6
47.5°	75.7	71.2	64.5	60.1	55.6	49.0	42.3	37.8	33.4	26.7	20.0
45°	86.8	82.3	75.7	71.2	66.8	60.1	53.4	46.7	42.3	35.6	26.7
42.5°	97.9	93.5	86.8	82.3	75.7	69.0	62.3	55.6	49.0	44.5	35.6
40°	113.5	106.8	97.9	93.5	89.0	80.1	71.2	64.5	57.9	51.2	42.3
37.5°	133.5	126.8	115.7	106.8	100.1	93.5	84.6	75.7	69.0	60.1	51.2
35°	164.7	153.5	138.0	124.6	115.7	106.8	95.7	86.8	77.9	69.0	60.1
32.5°	195.8	178.0	158.0	142.4	129.1	117.9	106.8	97.9	86.8	75.7	66.8
30°	220.3	200.3	180.2	158.0	142.4	129.1	117.9	106.8	95.7	84.6	73.4
27.5°	244.8	222.5	200.3	178.0	155.8	138.0	126.8	115.7	104.6	93.5	80.1
25°	269.2	244.8	222.5	198.0	171.3	151.3	135.7	126.8	115.7	102.4	86.8
22.5°	291.5	269.2	247.0	220.3	189.1	162.4	146.9	135.7	124.6	109.0	95.7
20°	333.8	304.8	278.1	244.8	209.2	182.5	162.4	146.9	133.5	117.9	102.4
17.5°	389.4	347.1	311.5	273.7	238.1	204.7	175.8	158.0	144.6	126.8	109.0
15°	460.6	387.2	342.7	304.8	262.6	224.7	193.6	169.1	151.3	133.5	117.9
12.5°	514.0	418.3	369.4	333.8	289.3	247.0	206.9	178.0	158.0	140.2	122.4
10°	574.1	451.7	391.6	351.6	304.8	258.1	215.8	184.7	162.4	146.9	129.1
7.5°	623.0	478.4	402.8	358.3	313.7	267.0	224.7	191.4	169.1	151.3	133.5
5°	667.6	500.7	411.7	360.5	318.2	273.7	229.2	195.8	173.6	155.8	138.0
2.5°	698.7	520.7	420.6	364.9	322.6	278.1	235.9	200.3	178.0	160.2	142.4
0°	725.4	527.4	418.3	364.9	324.9	278.1	238.1	202.5	180.2	162.4	144.6
-2.5°	734.3	538.5	429.5	369.4	329.3	282.6	242.5	204.7	182.5	164.7	149.1
-5°	734.3	529.6	429.5	373.8	331.6	284.8	242.5	206.9	184.7	166.9	149.1
-7.5°	707.6	516.2	427.2	378.3	333.8	287.0	242.5	209.2	186.9	169.1	151.3
-10°	660.9	496.2	425.0	380.5	333.8	284.8	242.5	209.2	186.9	169.1	153.5
-12.5°	585.2	469.5	413.9	376.1	329.3	280.4	240.3	209.2	186.9	171.3	153.5
-15°	547.4	447.3	400.5	362.7	318.2	273.7	235.9	206.9	186.9	171.3	155.8
-17.5°	496.2	429.5	387.2	349.4	309.3	267.0	231.4	206.9	186.9	169.1	155.8
-20°	460.6	409.4	371.6	338.2	298.2	260.3	229.2	204.7	186.9	169.1	155.8



REPORT NUMBER: P724217

CATALOG NUMBER: IFLD-S-SA2E-827-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°	429.5	387.2	353.8	320.4	284.8	251.4	224.7	202.5	184.7	169.1	155.8
-25°	405.0	367.2	336.0	304.8	273.7	244.8	220.3	200.3	182.5	169.1	153.5
-27.5°	382.7	347.1	318.2	289.3	260.3	238.1	215.8	198.0	182.5	166.9	151.3
-30°	358.3	329.3	300.4	273.7	253.7	231.4	211.4	193.6	180.2	164.7	149.1
-32.5°	333.8	307.1	282.6	262.6	244.8	227.0	209.2	191.4	175.8	160.2	144.6
-35°	311.5	287.0	269.2	251.4	238.1	222.5	204.7	186.9	173.6	158.0	144.6
-37.5°	289.3	271.5	255.9	242.5	229.2	215.8	198.0	182.5	169.1	153.5	138.0
-40°	271.5	258.1	247.0	235.9	222.5	206.9	193.6	178.0	164.7	149.1	131.3
-42.5°	260.3	249.2	238.1	227.0	215.8	202.5	189.1	173.6	160.2	144.6	126.8
-45°	249.2	240.3	231.4	222.5	211.4	198.0	182.5	166.9	153.5	138.0	124.6
-47.5°	242.5	233.6	224.7	218.1	209.2	191.4	178.0	162.4	146.9	133.5	117.9
-50°	235.9	227.0	220.3	211.4	200.3	184.7	171.3	155.8	142.4	126.8	113.5
-52.5°	229.2	220.3	211.4	202.5	191.4	178.0	164.7	151.3	135.7	120.2	106.8
-55°	222.5	213.6	204.7	195.8	184.7	173.6	160.2	142.4	126.8	111.3	97.9
-57.5°	215.8	209.2	198.0	186.9	175.8	164.7	149.1	133.5	117.9	102.4	91.2
-60°	206.9	198.0	189.1	175.8	164.7	151.3	138.0	124.6	109.0	95.7	84.6
-62.5°	193.6	184.7	175.8	162.4	151.3	140.2	129.1	113.5	102.4	89.0	77.9
-65°	178.0	169.1	160.2	149.1	138.0	126.8	117.9	104.6	93.5	82.3	73.4
-67.5°	160.2	151.3	144.6	133.5	124.6	113.5	104.6	93.5	82.3	73.4	64.5
-70°	138.0	131.3	124.6	115.7	106.8	97.9	89.0	80.1	71.2	64.5	55.6
-72.5°	117.9	111.3	104.6	97.9	91.2	82.3	75.7	69.0	62.3	55.6	51.2
-75°	95.7	91.2	86.8	82.3	75.7	69.0	64.5	57.9	53.4	49.0	46.7
-77.5°	80.1	75.7	71.2	66.8	62.3	57.9	53.4	49.0	46.7	44.5	42.3
-80°	64.5	62.3	60.1	55.6	53.4	49.0	46.7	42.3	42.3	42.3	42.3
-82.5°	51.2	49.0	46.7	44.5	42.3	40.1	40.1	37.8	40.1	40.1	37.8
-85°	35.6	33.4	31.2	31.2	28.9	28.9	26.7	26.7	26.7	24.5	24.5
-87.5°	15.6	15.6	15.6	15.6	13.4	13.4	13.4	13.4	13.4	11.1	11.1
-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: P724217
 CATALOG NUMBER: IFLD-S-SA2E-827-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°	4.5	4.5	2.2	2.2	2.2	2.2	2.2	2.2	2.2	0.0	0.0
85°	8.9	8.9	6.7	6.7	6.7	4.5	4.5	2.2	2.2	2.2	2.2
82.5°	20.0	17.8	15.6	13.4	11.1	8.9	6.7	4.5	4.5	2.2	2.2
80°	24.5	24.5	24.5	22.3	17.8	13.4	8.9	6.7	4.5	2.2	2.2
77.5°	17.8	17.8	20.0	22.3	22.3	17.8	11.1	6.7	4.5	4.5	2.2
75°	13.4	13.4	13.4	15.6	17.8	17.8	13.4	8.9	4.5	4.5	2.2
72.5°	13.4	13.4	13.4	13.4	13.4	13.4	13.4	8.9	6.7	4.5	4.5
70°	11.1	11.1	11.1	11.1	11.1	11.1	11.1	8.9	6.7	4.5	4.5
67.5°	8.9	8.9	11.1	11.1	11.1	8.9	8.9	8.9	6.7	4.5	4.5
65°	6.7	8.9	8.9	11.1	8.9	8.9	8.9	6.7	6.7	4.5	4.5
62.5°	6.7	6.7	8.9	8.9	8.9	8.9	6.7	6.7	6.7	4.5	4.5
60°	6.7	6.7	6.7	8.9	6.7	6.7	6.7	6.7	6.7	4.5	4.5
57.5°	6.7	6.7	6.7	6.7	6.7	6.7	6.7	4.5	4.5	4.5	4.5
55°	6.7	6.7	6.7	6.7	6.7	6.7	4.5	4.5	4.5	4.5	4.5
52.5°	8.9	6.7	6.7	6.7	6.7	6.7	4.5	4.5	4.5	4.5	4.5
50°	11.1	6.7	6.7	6.7	6.7	4.5	4.5	4.5	4.5	4.5	4.5
47.5°	15.6	11.1	8.9	6.7	6.7	4.5	4.5	4.5	4.5	4.5	2.2
45°	22.3	15.6	11.1	8.9	6.7	4.5	4.5	4.5	4.5	4.5	2.2
42.5°	26.7	20.0	13.4	11.1	8.9	6.7	4.5	4.5	4.5	2.2	2.2
40°	33.4	26.7	17.8	13.4	8.9	6.7	4.5	4.5	4.5	2.2	2.2
37.5°	42.3	33.4	22.3	15.6	11.1	6.7	6.7	4.5	4.5	2.2	2.2
35°	49.0	37.8	28.9	17.8	13.4	8.9	6.7	4.5	4.5	2.2	2.2
32.5°	55.6	44.5	35.6	22.3	15.6	11.1	8.9	4.5	4.5	2.2	2.2
30°	62.3	51.2	40.1	28.9	20.0	13.4	8.9	4.5	4.5	2.2	2.2
27.5°	69.0	55.6	44.5	33.4	22.3	15.6	11.1	6.7	4.5	2.2	2.2
25°	75.7	62.3	49.0	37.8	24.5	17.8	11.1	6.7	4.5	4.5	2.2
22.5°	80.1	69.0	55.6	42.3	28.9	20.0	13.4	8.9	4.5	4.5	2.2
20°	86.8	75.7	60.1	46.7	33.4	22.3	13.4	8.9	4.5	4.5	2.2
17.5°	93.5	80.1	64.5	51.2	37.8	24.5	15.6	11.1	4.5	4.5	2.2
15°	100.1	84.6	69.0	53.4	40.1	26.7	15.6	11.1	4.5	4.5	2.2
12.5°	106.8	91.2	73.4	57.9	42.3	28.9	17.8	13.4	6.7	4.5	2.2
10°	111.3	95.7	77.9	60.1	44.5	33.4	20.0	13.4	6.7	4.5	2.2
7.5°	117.9	100.1	82.3	64.5	46.7	35.6	22.3	13.4	6.7	4.5	2.2
5°	120.2	104.6	84.6	69.0	49.0	37.8	24.5	15.6	6.7	4.5	2.2
2.5°	122.4	109.0	86.8	71.2	51.2	37.8	24.5	15.6	8.9	4.5	2.2
0°	124.6	111.3	89.0	73.4	53.4	40.1	26.7	15.6	8.9	4.5	2.2
-2.5°	126.8	113.5	93.5	75.7	55.6	42.3	28.9	15.6	8.9	4.5	2.2
-5°	129.1	113.5	97.9	77.9	57.9	42.3	28.9	17.8	11.1	4.5	2.2
-7.5°	131.3	115.7	100.1	80.1	60.1	42.3	31.2	17.8	11.1	6.7	2.2
-10°	133.5	117.9	102.4	82.3	60.1	44.5	31.2	17.8	11.1	6.7	2.2
-12.5°	135.7	120.2	102.4	82.3	62.3	44.5	31.2	20.0	11.1	6.7	2.2
-15°	138.0	120.2	102.4	82.3	62.3	46.7	33.4	20.0	11.1	6.7	4.5
-17.5°	138.0	120.2	102.4	84.6	62.3	46.7	33.4	20.0	11.1	6.7	4.5
-20°	138.0	120.2	102.4	84.6	62.3	46.7	33.4	20.0	11.1	6.7	4.5



REPORT NUMBER: P724217

CATALOG NUMBER: IFLD-S-SA2E-827-U-22-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	135.7	117.9	102.4	82.3	62.3	46.7	33.4	20.0	13.4	6.7	4.5
-25°	135.7	117.9	102.4	82.3	62.3	46.7	31.2	20.0	13.4	6.7	4.5
-27.5°	133.5	117.9	100.1	80.1	60.1	44.5	31.2	20.0	13.4	6.7	4.5
-30°	131.3	115.7	97.9	77.9	60.1	44.5	31.2	20.0	13.4	6.7	4.5
-32.5°	129.1	111.3	95.7	75.7	57.9	42.3	31.2	20.0	13.4	6.7	4.5
-35°	124.6	109.0	91.2	73.4	55.6	42.3	28.9	20.0	13.4	8.9	4.5
-37.5°	120.2	104.6	89.0	71.2	53.4	40.1	28.9	20.0	13.4	8.9	4.5
-40°	115.7	102.4	84.6	66.8	51.2	37.8	28.9	20.0	13.4	8.9	6.7
-42.5°	111.3	97.9	82.3	64.5	51.2	37.8	26.7	20.0	13.4	8.9	6.7
-45°	109.0	95.7	77.9	62.3	49.0	37.8	26.7	17.8	13.4	8.9	6.7
-47.5°	104.6	89.0	73.4	60.1	46.7	35.6	24.5	17.8	13.4	8.9	6.7
-50°	97.9	84.6	71.2	57.9	44.5	33.4	24.5	17.8	13.4	8.9	6.7
-52.5°	91.2	77.9	66.8	53.4	42.3	33.4	24.5	17.8	13.4	8.9	6.7
-55°	84.6	73.4	62.3	51.2	40.1	31.2	22.3	17.8	13.4	8.9	6.7
-57.5°	80.1	69.0	57.9	46.7	37.8	28.9	22.3	15.6	11.1	8.9	6.7
-60°	75.7	64.5	53.4	44.5	35.6	28.9	22.3	15.6	11.1	8.9	4.5
-62.5°	69.0	60.1	49.0	42.3	33.4	26.7	20.0	15.6	11.1	8.9	4.5
-65°	62.3	53.4	44.5	37.8	31.2	24.5	20.0	15.6	11.1	8.9	4.5
-67.5°	55.6	49.0	42.3	35.6	28.9	24.5	20.0	15.6	11.1	6.7	4.5
-70°	51.2	44.5	37.8	33.4	28.9	22.3	20.0	15.6	11.1	6.7	4.5
-72.5°	44.5	40.1	35.6	31.2	26.7	24.5	20.0	15.6	8.9	6.7	4.5
-75°	42.3	37.8	33.4	31.2	28.9	24.5	20.0	13.4	8.9	6.7	4.5
-77.5°	42.3	37.8	35.6	33.4	28.9	24.5	17.8	11.1	6.7	6.7	4.5
-80°	42.3	40.1	37.8	31.2	26.7	20.0	13.4	11.1	6.7	4.5	2.2
-82.5°	37.8	31.2	26.7	22.3	20.0	15.6	11.1	8.9	4.5	4.5	2.2
-85°	24.5	20.0	17.8	15.6	13.4	11.1	6.7	4.5	4.5	2.2	2.2
-87.5°	11.1	11.1	8.9	6.7	6.7	4.5	4.5	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: P724217
 CATALOG NUMBER: IFLD-S-SA2E-827-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: P724217
CATALOG NUMBER: IFLD-S-SA2E-827-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)