

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: P724219

Luminaire Tested: **IFLD-S-SA3B-827-U-22-VI**

Issue Date: 01/11/2023

Test Information

Test Method: LM-79-2019
Report Number: P724219
Test Lab: INNOVATION CENTER(G2)
Issue Date: 01/11/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA3B-827-U-22-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 2 distribution lens and Visor
Light Source: (48) 2700K CCT, 80 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

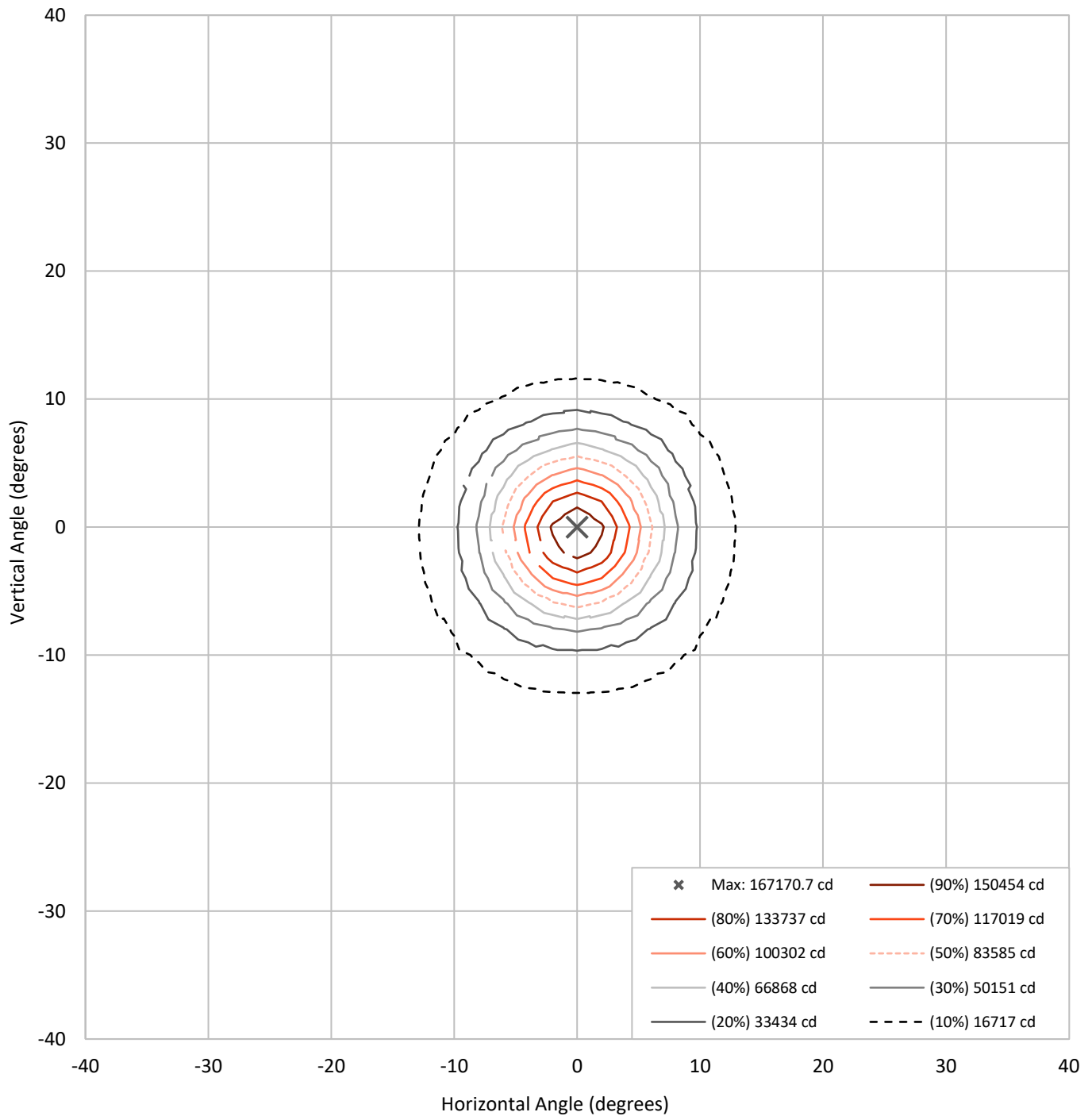
Lumens per Lamp:	N/A	NEMA Type:	2H x 2V
Luminaire Lumens:	11677 lumens	Max Intensity:	167170.7 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	95.4 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	12.2°H x 11.7°V	Field Angle (10%):	25.1°H x 24.3°V
Beam Lumens:	3653.1 lumens	Field Lumens:	8312.1 lumens
Beam Efficiency:	31.3%	Field Efficiency:	71.2%

Input Watts (W): 122.4
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: P724219
CATALOG NUMBER: IFLD-S-SA3B-827-U-22-VI

Iso-Candela Plot





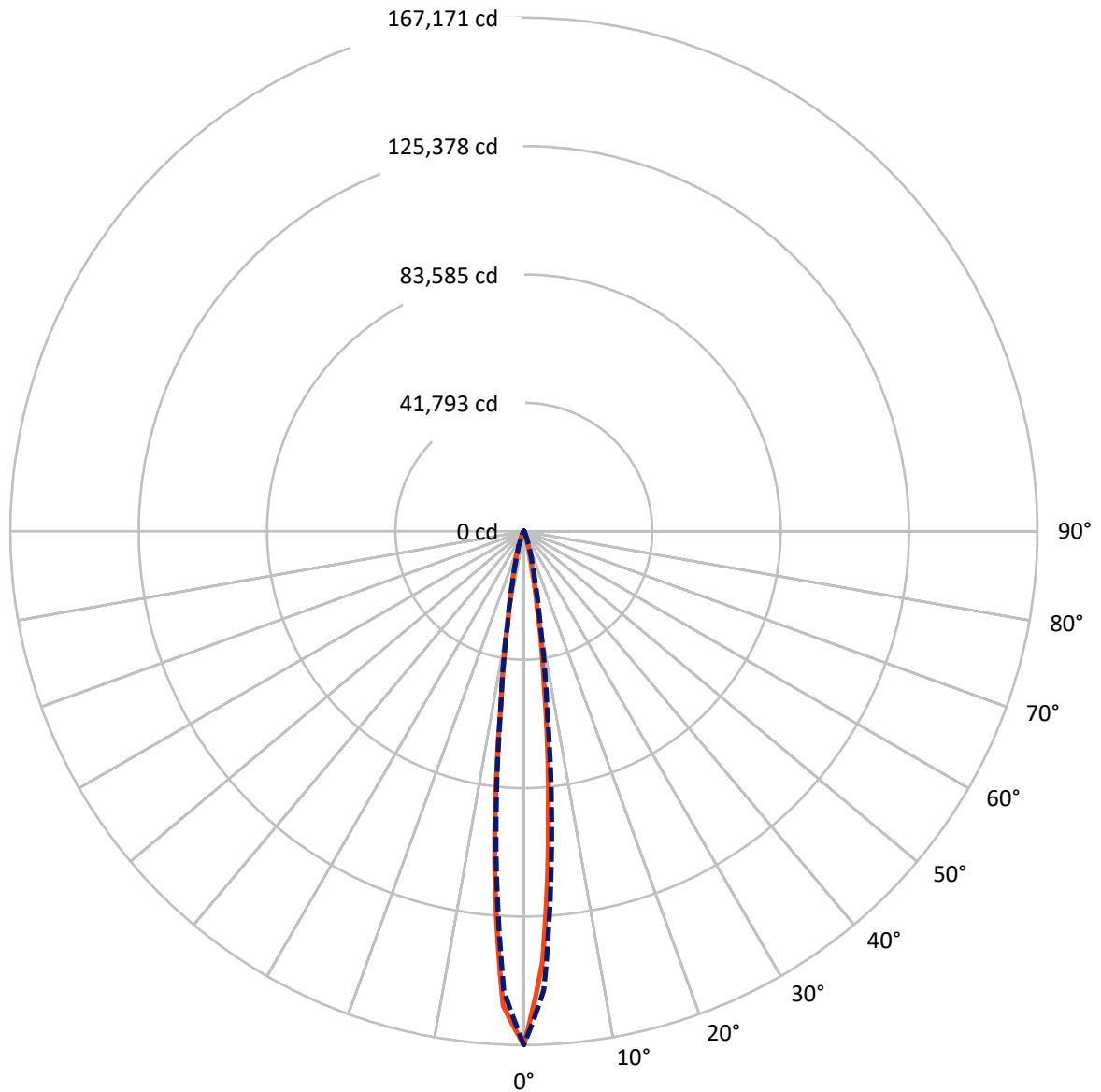
REPORT NUMBER: P724219
 CATALOG NUMBER: IFLD-S-SA3B-827-U-22-VI

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	
60		0.1	0.1	0.3	0.6	0.9	1.1	1.3	1.3	1.1	0.9	0.6	0.3	0.1	0.1				
50	0.1	0.1	0.4	1.0	1.7	2.4	3.1	3.7	3.7	3.1	2.4	1.7	1.0	0.4	0.1			0.1	
40		0.2	0.8	1.8	3.0	4.7	7.1	8.5	8.5	7.1	4.7	3.0	1.8	0.8	0.2				
30	0.1	0.4	1.2	2.6	4.7	8.1	15.6	25.1	25.1	15.6	8.1	4.7	2.6	1.2	0.4			0.1	
20		0.5	1.7	3.5	7.1	17.6	92.0	232.7	232.7	92.0	17.6	7.1	3.5	1.7	0.5				
10	0.2	0.6	2.0	4.1	8.7	35.8	296.3	1825.9	1825.9	296.3	35.8	8.7	4.1	2.0	0.6			0.2	
0		0.8	2.2	4.4	9.0	40.8	326.0	2010.8	2010.8	326.0	40.8	9.0	4.4	2.2	0.8				
-10	0.2	0.8	2.3	4.3	8.5	24.4	146.3	352.6	352.6	146.3	24.4	8.5	4.3	2.3	0.8			0.2	
-20		0.8	2.2	4.1	7.2	12.4	30.2	56.8	56.8	30.2	12.4	7.2	4.1	2.2	0.8				
-30	0.2	0.7	2.1	3.8	6.0	8.8	12.5	14.7	14.7	12.5	8.8	6.0	3.8	2.1	0.7			0.2	
-40		0.6	1.8	3.4	5.2	6.9	8.7	9.6	9.6	8.7	6.9	5.2	3.4	1.8	0.6				
-50	0.2	0.5	1.4	2.9	4.6	6.0	7.4	8.0	8.0	7.4	6.0	4.6	2.9	1.4	0.5			0.2	
-60		0.4	1.0	2.1	3.5	4.8	6.0	6.7	6.7	6.0	4.8	3.5	2.1	1.0	0.4				
-70	0.1	1.6	4.4	8.1	9.7	8.1	4.4	1.6	0.1									0.1	
-80		0.1	1.6	4.4	8.1	9.7	8.1	4.4	1.6	0.1									
-90	0.1	1.6	4.4	8.1	9.7	8.1	4.4	1.6	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: P724219
CATALOG NUMBER: IFLD-S-SA3B-827-U-22-VI

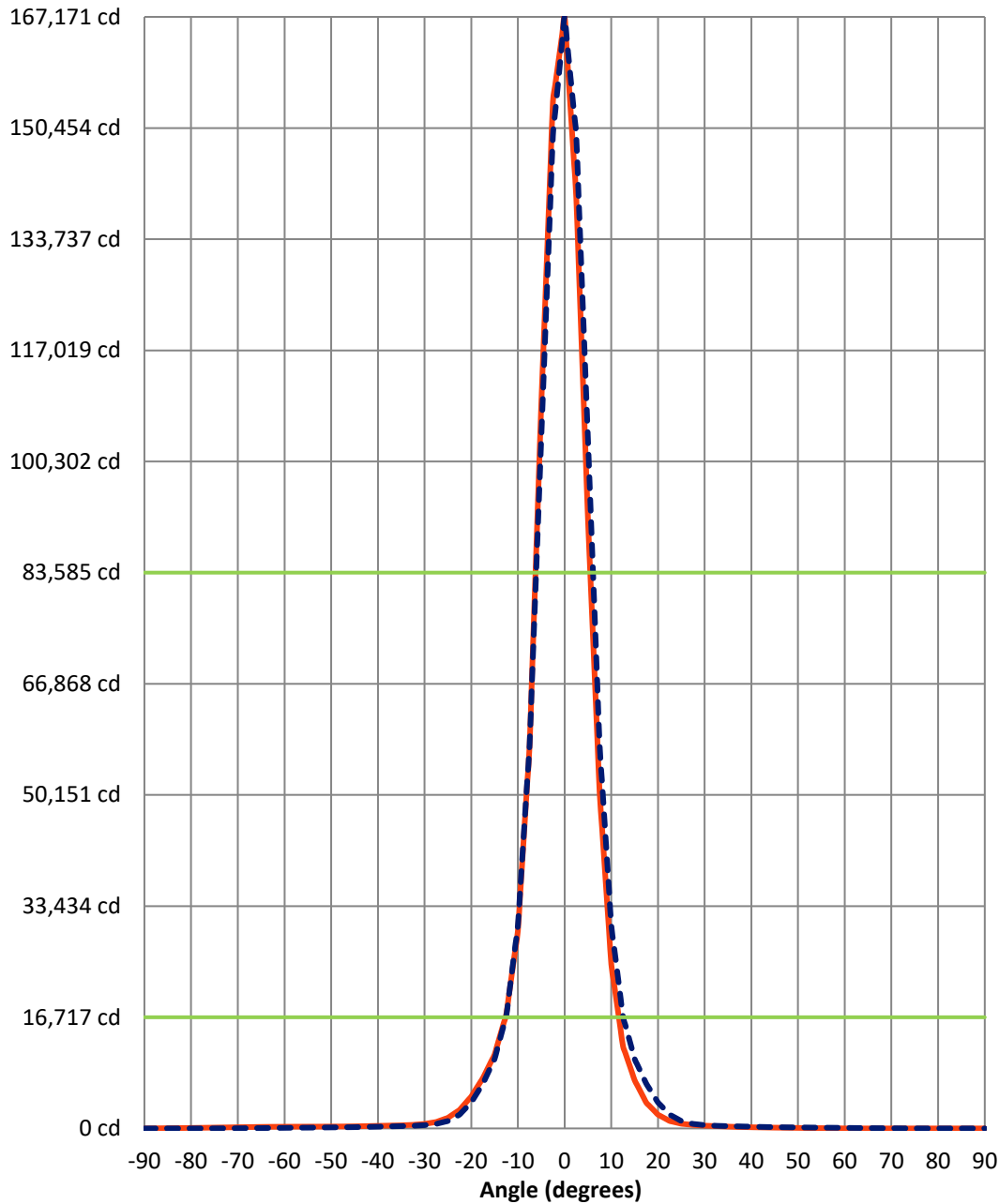
Luminous Intensity Polar Plot



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

REPORT NUMBER: P724219
 CATALOG NUMBER: IFLD-S-SA3B-827-U-22-VI

Luminous Intensity Plot



Beam:
 H Angle: 12.2°
 V Angle: 11.7°
 Lumens: 3653.1
 Efficiency: 31.3%

Field:
 H Angle: 25.1°
 V Angle: 24.3°
 Lumens: 8312.1
 Efficiency: 71.2%

Spill:
 Lumens: 3364.9
 Efficiency: 28.8%

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



REPORT NUMBER: P724219
 CATALOG NUMBER: IFLD-S-SA3B-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	2.1	2.1
85°	0.0	0.0	0.0	0.0	2.1	2.1	2.1	2.1	2.1	4.2	4.2
82.5°	0.0	0.0	0.0	0.0	2.1	2.1	2.1	2.1	4.2	4.2	4.2
80°	0.0	0.0	0.0	0.0	2.1	2.1	2.1	2.1	4.2	4.2	4.2
77.5°	0.0	0.0	0.0	0.0	2.1	2.1	2.1	2.1	2.1	2.1	4.2
75°	0.0	0.0	0.0	0.0	2.1	2.1	2.1	2.1	2.1	2.1	2.1
72.5°	0.0	0.0	0.0	0.0	2.1	2.1	2.1	2.1	2.1	2.1	2.1
70°	0.0	0.0	0.0	0.0	2.1	2.1	2.1	2.1	2.1	2.1	2.1
67.5°	0.0	0.0	0.0	0.0	2.1	2.1	2.1	2.1	2.1	2.1	2.1
65°	0.0	0.0	0.0	0.0	2.1	2.1	2.1	2.1	2.1	2.1	2.1
62.5°	0.0	0.0	0.0	0.0	2.1	2.1	2.1	2.1	2.1	2.1	2.1
60°	4.2	4.2	4.2	4.2	6.3	6.3	8.4	8.4	8.4	4.2	8.4
57.5°	33.5	33.5	31.4	29.3	27.2	25.1	25.1	25.1	25.1	25.1	20.9
55°	46.0	46.0	46.0	43.9	43.9	41.8	39.7	37.7	37.7	35.6	33.5
52.5°	54.4	54.4	54.4	54.4	52.3	52.3	52.3	50.2	46.0	46.0	43.9
50°	77.4	75.3	75.3	75.3	75.3	71.1	69.0	64.9	62.8	60.7	58.6
47.5°	100.4	100.4	98.3	98.3	96.2	92.0	87.9	83.7	79.5	77.4	73.2
45°	119.2	119.2	117.1	117.1	115.1	110.9	104.6	98.3	94.1	90.0	85.8
42.5°	146.4	144.3	142.3	140.2	136.0	129.7	121.3	113.0	106.7	100.4	96.2
40°	175.7	175.7	173.6	171.5	165.3	159.0	148.5	138.1	127.6	115.1	108.8
37.5°	211.3	213.4	215.5	215.5	211.3	202.9	188.3	175.7	159.0	142.3	133.9
35°	276.1	276.1	280.3	280.3	274.0	263.6	253.1	225.9	205.0	184.1	165.3
32.5°	347.3	349.4	341.0	334.7	326.3	313.8	295.0	272.0	248.9	221.7	200.8
30°	416.3	416.3	405.8	393.3	376.6	355.6	332.6	307.5	280.3	253.1	228.0
27.5°	525.1	514.6	506.3	485.3	456.0	416.3	387.0	347.3	311.7	280.3	253.1
25°	705.0	702.9	684.1	648.5	589.9	527.2	479.1	412.1	357.7	309.6	278.2
22.5°	1121.3	1106.6	1062.7	974.9	836.8	728.0	629.7	525.1	426.8	361.9	311.7
20°	2073.1	2025.0	1907.9	1665.2	1355.6	1142.2	897.5	721.7	556.5	435.1	359.8
17.5°	3868.0	3836.7	3792.7	3232.1	2602.4	2150.5	1600.4	1106.6	790.8	569.0	426.8
15°	7250.7	7018.5	6533.2	5861.7	4981.0	3849.2	2830.4	1786.5	1129.7	757.3	541.8
12.5°	12394.9	12137.6	10884.5	9204.6	7621.0	6010.2	4219.5	2715.4	1608.7	962.3	642.2
10°	24697.7	22829.6	19321.4	14419.9	11254.8	8392.9	5924.4	3704.9	2094.1	1215.4	761.5
7.5°	50585.7	44481.4	34276.8	24197.7	15662.5	11007.9	7566.6	4845.0	2790.7	1520.9	870.3
5°	91684.4	80854.3	60913.7	36678.4	22743.8	13796.5	8978.7	5761.3	3303.2	1769.8	979.0
2.5°	139996.2	125986.3	88065.3	50435.1	28044.8	15955.4	9966.1	6363.7	3629.6	1939.2	1062.7
0°	167170.7	149326.3	103711.1	57742.3	30569.8	16871.7	10449.3	6725.7	3905.7	2077.3	1117.1
-2.5°	154424.4	140058.9	95311.9	53637.9	29212.2	16470.0	10518.4	6815.6	3951.7	2115.0	1142.2
-5°	108838.5	97048.2	65949.1	39582.0	24785.6	15170.9	9924.3	6476.7	3824.1	2060.6	1131.8
-7.5°	57581.2	52246.7	39111.3	28442.3	18091.3	12840.5	8934.8	5876.3	3493.6	1914.1	1069.0
-10°	29749.8	28655.7	24693.5	18614.3	14639.5	10756.9	7625.2	5024.9	2920.4	1648.5	962.3
-12.5°	17152.0	16965.8	15691.8	13470.1	11225.5	8836.4	6257.1	4098.2	2437.1	1366.1	811.7
-15°	11106.2	11185.7	10742.2	9817.6	8539.4	6612.7	4807.3	3048.0	1803.3	1106.6	715.5
-17.5°	7579.2	7558.3	7351.2	6717.3	5688.0	4466.3	3186.1	2152.6	1366.1	861.9	594.1
-20°	4794.8	4803.1	4610.7	4173.5	3416.2	2753.0	1983.2	1451.8	968.6	677.8	525.1



REPORT NUMBER: P724219

CATALOG NUMBER: IFLD-S-SA3B-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°	2782.3	2788.6	2667.3	2420.4	2022.9	1631.7	1288.6	960.2	713.4	564.8	460.2
-25°	1598.3	1573.2	1525.0	1405.8	1219.6	1006.2	855.6	675.7	571.1	479.1	420.5
-27.5°	968.6	951.8	926.7	874.4	801.2	694.5	625.5	546.0	485.3	430.9	395.4
-30°	675.7	682.0	661.1	633.9	600.4	552.3	514.6	477.0	437.2	403.7	370.3
-32.5°	537.6	541.8	531.4	520.9	504.2	485.3	462.3	435.1	403.7	372.4	341.0
-35°	462.3	464.4	464.4	462.3	458.1	443.5	426.8	401.7	372.4	343.1	315.9
-37.5°	424.7	426.8	426.8	424.7	418.4	405.8	389.1	368.2	341.0	313.8	292.9
-40°	384.9	387.0	384.9	380.7	374.5	361.9	349.4	332.6	311.7	288.7	269.9
-42.5°	347.3	345.2	343.1	338.9	332.6	324.3	313.8	301.2	286.6	269.9	255.2
-45°	311.7	311.7	309.6	307.5	303.3	297.1	290.8	280.3	269.9	257.3	244.8
-47.5°	292.9	292.9	290.8	288.7	286.6	282.4	276.1	267.8	259.4	248.9	238.5
-50°	280.3	280.3	280.3	278.2	276.1	272.0	265.7	259.4	251.0	240.6	230.1
-52.5°	272.0	272.0	272.0	269.9	267.8	265.7	259.4	251.0	240.6	232.2	223.8
-55°	267.8	265.7	265.7	263.6	261.5	259.4	251.0	242.7	234.3	225.9	217.6
-57.5°	261.5	259.4	259.4	257.3	255.2	253.1	244.8	236.4	228.0	217.6	211.3
-60°	255.2	253.1	253.1	248.9	246.9	244.8	236.4	228.0	219.7	211.3	202.9
-62.5°	246.9	244.8	242.7	240.6	236.4	232.2	225.9	217.6	207.1	198.7	190.4
-65°	228.0	225.9	223.8	221.7	219.7	217.6	211.3	200.8	192.5	184.1	175.7
-67.5°	205.0	205.0	205.0	200.8	198.7	194.6	190.4	182.0	173.6	165.3	159.0
-70°	177.8	177.8	177.8	173.6	171.5	169.4	163.2	156.9	150.6	144.3	136.0
-72.5°	150.6	148.5	148.5	146.4	142.3	140.2	136.0	131.8	125.5	121.3	115.1
-75°	123.4	121.3	121.3	119.2	117.1	115.1	110.9	108.8	104.6	100.4	94.1
-77.5°	98.3	98.3	98.3	96.2	94.1	92.0	90.0	87.9	85.8	81.6	77.4
-80°	75.3	75.3	75.3	75.3	75.3	75.3	75.3	73.2	69.0	66.9	64.9
-82.5°	54.4	56.5	56.5	56.5	56.5	56.5	56.5	56.5	54.4	52.3	50.2
-85°	35.6	37.7	37.7	39.7	41.8	41.8	43.9	41.8	39.7	35.6	33.5
-87.5°	18.8	18.8	18.8	18.8	18.8	18.8	18.8	16.7	16.7	16.7	14.6
-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: P724219
 CATALOG NUMBER: IFLD-S-SA3B-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°	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	4.2	4.2	4.2
85°	4.2	4.2	4.2	4.2	6.3	6.3	6.3	8.4	8.4	8.4	8.4
82.5°	4.2	6.3	6.3	6.3	8.4	8.4	10.5	12.6	16.7	18.8	18.8
80°	4.2	6.3	6.3	6.3	8.4	8.4	10.5	10.5	12.6	14.6	18.8
77.5°	4.2	4.2	6.3	6.3	6.3	8.4	8.4	10.5	10.5	12.6	14.6
75°	2.1	4.2	4.2	4.2	6.3	6.3	8.4	8.4	10.5	10.5	12.6
72.5°	2.1	4.2	4.2	4.2	6.3	6.3	8.4	8.4	8.4	10.5	10.5
70°	2.1	4.2	4.2	4.2	4.2	6.3	6.3	6.3	8.4	8.4	8.4
67.5°	2.1	2.1	2.1	4.2	4.2	4.2	4.2	6.3	6.3	6.3	8.4
65°	2.1	2.1	2.1	2.1	4.2	4.2	4.2	4.2	6.3	6.3	6.3
62.5°	2.1	2.1	2.1	4.2	4.2	4.2	4.2	4.2	6.3	6.3	6.3
60°	8.4	8.4	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3	6.3
57.5°	18.8	18.8	16.7	14.6	12.6	12.6	10.5	8.4	8.4	6.3	6.3
55°	31.4	29.3	27.2	23.0	20.9	18.8	16.7	12.6	10.5	8.4	6.3
52.5°	39.7	37.7	35.6	33.5	29.3	25.1	23.0	20.9	16.7	12.6	10.5
50°	58.6	52.3	48.1	43.9	39.7	35.6	31.4	29.3	23.0	18.8	14.6
47.5°	71.1	66.9	60.7	56.5	52.3	46.0	39.7	35.6	31.4	25.1	18.8
45°	81.6	77.4	71.1	66.9	62.8	56.5	50.2	43.9	39.7	33.5	25.1
42.5°	92.0	87.9	81.6	77.4	71.1	64.9	58.6	52.3	46.0	41.8	33.5
40°	106.7	100.4	92.0	87.9	83.7	75.3	66.9	60.7	54.4	48.1	39.7
37.5°	125.5	119.2	108.8	100.4	94.1	87.9	79.5	71.1	64.9	56.5	48.1
35°	154.8	144.3	129.7	117.1	108.8	100.4	90.0	81.6	73.2	64.9	56.5
32.5°	184.1	167.4	148.5	133.9	121.3	110.9	100.4	92.0	81.6	71.1	62.8
30°	207.1	188.3	169.4	148.5	133.9	121.3	110.9	100.4	90.0	79.5	69.0
27.5°	230.1	209.2	188.3	167.4	146.4	129.7	119.2	108.8	98.3	87.9	75.3
25°	253.1	230.1	209.2	186.2	161.1	142.3	127.6	119.2	108.8	96.2	81.6
22.5°	274.0	253.1	232.2	207.1	177.8	152.7	138.1	127.6	117.1	102.5	90.0
20°	313.8	286.6	261.5	230.1	196.6	171.5	152.7	138.1	125.5	110.9	96.2
17.5°	366.1	326.3	292.9	257.3	223.8	192.5	165.3	148.5	136.0	119.2	102.5
15°	433.0	364.0	322.2	286.6	246.9	211.3	182.0	159.0	142.3	125.5	110.9
12.5°	483.2	393.3	347.3	313.8	272.0	232.2	194.6	167.4	148.5	131.8	115.1
10°	539.7	424.7	368.2	330.5	286.6	242.7	202.9	173.6	152.7	138.1	121.3
7.5°	585.7	449.8	378.6	336.8	295.0	251.0	211.3	179.9	159.0	142.3	125.5
5°	627.6	470.7	387.0	338.9	299.2	257.3	215.5	184.1	163.2	146.4	129.7
2.5°	656.9	489.5	395.4	343.1	303.3	261.5	221.7	188.3	167.4	150.6	133.9
0°	682.0	495.8	393.3	343.1	305.4	261.5	223.8	190.4	169.4	152.7	136.0
-2.5°	690.3	506.3	403.7	347.3	309.6	265.7	228.0	192.5	171.5	154.8	140.2
-5°	690.3	497.9	403.7	351.4	311.7	267.8	228.0	194.6	173.6	156.9	140.2
-7.5°	665.2	485.3	401.7	355.6	313.8	269.9	228.0	196.6	175.7	159.0	142.3
-10°	621.3	466.5	399.6	357.7	313.8	267.8	228.0	196.6	175.7	159.0	144.3
-12.5°	550.2	441.4	389.1	353.5	309.6	263.6	225.9	196.6	175.7	161.1	144.3
-15°	514.6	420.5	376.6	341.0	299.2	257.3	221.7	194.6	175.7	161.1	146.4
-17.5°	466.5	403.7	364.0	328.4	290.8	251.0	217.6	194.6	175.7	159.0	146.4
-20°	433.0	384.9	349.4	318.0	280.3	244.8	215.5	192.5	175.7	159.0	146.4



REPORT NUMBER: P724219
 CATALOG NUMBER: IFLD-S-SA3B-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°	403.7	364.0	332.6	301.2	267.8	236.4	211.3	190.4	173.6	159.0	146.4
-25°	380.7	345.2	315.9	286.6	257.3	230.1	207.1	188.3	171.5	159.0	144.3
-27.5°	359.8	326.3	299.2	272.0	244.8	223.8	202.9	186.2	171.5	156.9	142.3
-30°	336.8	309.6	282.4	257.3	238.5	217.6	198.7	182.0	169.4	154.8	140.2
-32.5°	313.8	288.7	265.7	246.9	230.1	213.4	196.6	179.9	165.3	150.6	136.0
-35°	292.9	269.9	253.1	236.4	223.8	209.2	192.5	175.7	163.2	148.5	136.0
-37.5°	272.0	255.2	240.6	228.0	215.5	202.9	186.2	171.5	159.0	144.3	129.7
-40°	255.2	242.7	232.2	221.7	209.2	194.6	182.0	167.4	154.8	140.2	123.4
-42.5°	244.8	234.3	223.8	213.4	202.9	190.4	177.8	163.2	150.6	136.0	119.2
-45°	234.3	225.9	217.6	209.2	198.7	186.2	171.5	156.9	144.3	129.7	117.1
-47.5°	228.0	219.7	211.3	205.0	196.6	179.9	167.4	152.7	138.1	125.5	110.9
-50°	221.7	213.4	207.1	198.7	188.3	173.6	161.1	146.4	133.9	119.2	106.7
-52.5°	215.5	207.1	198.7	190.4	179.9	167.4	154.8	142.3	127.6	113.0	100.4
-55°	209.2	200.8	192.5	184.1	173.6	163.2	150.6	133.9	119.2	104.6	92.0
-57.5°	202.9	196.6	186.2	175.7	165.3	154.8	140.2	125.5	110.9	96.2	85.8
-60°	194.6	186.2	177.8	165.3	154.8	142.3	129.7	117.1	102.5	90.0	79.5
-62.5°	182.0	173.6	165.3	152.7	142.3	131.8	121.3	106.7	96.2	83.7	73.2
-65°	167.4	159.0	150.6	140.2	129.7	119.2	110.9	98.3	87.9	77.4	69.0
-67.5°	150.6	142.3	136.0	125.5	117.1	106.7	98.3	87.9	77.4	69.0	60.7
-70°	129.7	123.4	117.1	108.8	100.4	92.0	83.7	75.3	66.9	60.7	52.3
-72.5°	110.9	104.6	98.3	92.0	85.8	77.4	71.1	64.9	58.6	52.3	48.1
-75°	90.0	85.8	81.6	77.4	71.1	64.9	60.7	54.4	50.2	46.0	43.9
-77.5°	75.3	71.1	66.9	62.8	58.6	54.4	50.2	46.0	43.9	41.8	39.7
-80°	60.7	58.6	56.5	52.3	50.2	46.0	43.9	39.7	39.7	39.7	39.7
-82.5°	48.1	46.0	43.9	41.8	39.7	37.7	37.7	35.6	37.7	37.7	35.6
-85°	33.5	31.4	29.3	29.3	27.2	27.2	25.1	25.1	25.1	23.0	23.0
-87.5°	14.6	14.6	14.6	14.6	12.6	12.6	12.6	12.6	12.6	10.5	10.5
-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: P724219
 CATALOG NUMBER: IFLD-S-SA3B-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°	4.2	4.2	2.1	2.1	2.1	2.1	2.1	2.1	2.1	0.0	0.0
85°	8.4	8.4	6.3	6.3	6.3	4.2	4.2	2.1	2.1	2.1	2.1
82.5°	18.8	16.7	14.6	12.6	10.5	8.4	6.3	4.2	4.2	2.1	2.1
80°	23.0	23.0	23.0	20.9	16.7	12.6	8.4	6.3	4.2	2.1	2.1
77.5°	16.7	16.7	18.8	20.9	20.9	16.7	10.5	6.3	4.2	4.2	2.1
75°	12.6	12.6	12.6	14.6	16.7	16.7	12.6	8.4	4.2	4.2	2.1
72.5°	12.6	12.6	12.6	12.6	12.6	12.6	12.6	8.4	6.3	4.2	4.2
70°	10.5	10.5	10.5	10.5	10.5	10.5	10.5	8.4	6.3	4.2	4.2
67.5°	8.4	8.4	10.5	10.5	10.5	8.4	8.4	8.4	6.3	4.2	4.2
65°	6.3	8.4	8.4	10.5	8.4	8.4	8.4	6.3	6.3	4.2	4.2
62.5°	6.3	6.3	8.4	8.4	8.4	8.4	6.3	6.3	6.3	4.2	4.2
60°	6.3	6.3	6.3	8.4	6.3	6.3	6.3	6.3	6.3	4.2	4.2
57.5°	6.3	6.3	6.3	6.3	6.3	6.3	6.3	4.2	4.2	4.2	4.2
55°	6.3	6.3	6.3	6.3	6.3	6.3	4.2	4.2	4.2	4.2	4.2
52.5°	8.4	6.3	6.3	6.3	6.3	6.3	4.2	4.2	4.2	4.2	4.2
50°	10.5	6.3	6.3	6.3	6.3	4.2	4.2	4.2	4.2	4.2	4.2
47.5°	14.6	10.5	8.4	6.3	6.3	4.2	4.2	4.2	4.2	4.2	2.1
45°	20.9	14.6	10.5	8.4	6.3	4.2	4.2	4.2	4.2	4.2	2.1
42.5°	25.1	18.8	12.6	10.5	8.4	6.3	4.2	4.2	4.2	2.1	2.1
40°	31.4	25.1	16.7	12.6	8.4	6.3	4.2	4.2	4.2	2.1	2.1
37.5°	39.7	31.4	20.9	14.6	10.5	6.3	6.3	4.2	4.2	2.1	2.1
35°	46.0	35.6	27.2	16.7	12.6	8.4	6.3	4.2	4.2	2.1	2.1
32.5°	52.3	41.8	33.5	20.9	14.6	10.5	8.4	4.2	4.2	2.1	2.1
30°	58.6	48.1	37.7	27.2	18.8	12.6	8.4	4.2	4.2	2.1	2.1
27.5°	64.9	52.3	41.8	31.4	20.9	14.6	10.5	6.3	4.2	2.1	2.1
25°	71.1	58.6	46.0	35.6	23.0	16.7	10.5	6.3	4.2	4.2	2.1
22.5°	75.3	64.9	52.3	39.7	27.2	18.8	12.6	8.4	4.2	4.2	2.1
20°	81.6	71.1	56.5	43.9	31.4	20.9	12.6	8.4	4.2	4.2	2.1
17.5°	87.9	75.3	60.7	48.1	35.6	23.0	14.6	10.5	4.2	4.2	2.1
15°	94.1	79.5	64.9	50.2	37.7	25.1	14.6	10.5	4.2	4.2	2.1
12.5°	100.4	85.8	69.0	54.4	39.7	27.2	16.7	12.6	6.3	4.2	2.1
10°	104.6	90.0	73.2	56.5	41.8	31.4	18.8	12.6	6.3	4.2	2.1
7.5°	110.9	94.1	77.4	60.7	43.9	33.5	20.9	12.6	6.3	4.2	2.1
5°	113.0	98.3	79.5	64.9	46.0	35.6	23.0	14.6	6.3	4.2	2.1
2.5°	115.1	102.5	81.6	66.9	48.1	35.6	23.0	14.6	8.4	4.2	2.1
0°	117.1	104.6	83.7	69.0	50.2	37.7	25.1	14.6	8.4	4.2	2.1
-2.5°	119.2	106.7	87.9	71.1	52.3	39.7	27.2	14.6	8.4	4.2	2.1
-5°	121.3	106.7	92.0	73.2	54.4	39.7	27.2	16.7	10.5	4.2	2.1
-7.5°	123.4	108.8	94.1	75.3	56.5	39.7	29.3	16.7	10.5	6.3	2.1
-10°	125.5	110.9	96.2	77.4	56.5	41.8	29.3	16.7	10.5	6.3	2.1
-12.5°	127.6	113.0	96.2	77.4	58.6	41.8	29.3	18.8	10.5	6.3	2.1
-15°	129.7	113.0	96.2	77.4	58.6	43.9	31.4	18.8	10.5	6.3	4.2
-17.5°	129.7	113.0	96.2	79.5	58.6	43.9	31.4	18.8	10.5	6.3	4.2
-20°	129.7	113.0	96.2	79.5	58.6	43.9	31.4	18.8	10.5	6.3	4.2



REPORT NUMBER: P724219

CATALOG NUMBER: IFLD-S-SA3B-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°	127.6	110.9	96.2	77.4	58.6	43.9	31.4	18.8	12.6	6.3	4.2
-25°	127.6	110.9	96.2	77.4	58.6	43.9	29.3	18.8	12.6	6.3	4.2
-27.5°	125.5	110.9	94.1	75.3	56.5	41.8	29.3	18.8	12.6	6.3	4.2
-30°	123.4	108.8	92.0	73.2	56.5	41.8	29.3	18.8	12.6	6.3	4.2
-32.5°	121.3	104.6	90.0	71.1	54.4	39.7	29.3	18.8	12.6	6.3	4.2
-35°	117.1	102.5	85.8	69.0	52.3	39.7	27.2	18.8	12.6	8.4	4.2
-37.5°	113.0	98.3	83.7	66.9	50.2	37.7	27.2	18.8	12.6	8.4	4.2
-40°	108.8	96.2	79.5	62.8	48.1	35.6	27.2	18.8	12.6	8.4	6.3
-42.5°	104.6	92.0	77.4	60.7	48.1	35.6	25.1	18.8	12.6	8.4	6.3
-45°	102.5	90.0	73.2	58.6	46.0	35.6	25.1	16.7	12.6	8.4	6.3
-47.5°	98.3	83.7	69.0	56.5	43.9	33.5	23.0	16.7	12.6	8.4	6.3
-50°	92.0	79.5	66.9	54.4	41.8	31.4	23.0	16.7	12.6	8.4	6.3
-52.5°	85.8	73.2	62.8	50.2	39.7	31.4	23.0	16.7	12.6	8.4	6.3
-55°	79.5	69.0	58.6	48.1	37.7	29.3	20.9	16.7	12.6	8.4	6.3
-57.5°	75.3	64.9	54.4	43.9	35.6	27.2	20.9	14.6	10.5	8.4	6.3
-60°	71.1	60.7	50.2	41.8	33.5	27.2	20.9	14.6	10.5	8.4	4.2
-62.5°	64.9	56.5	46.0	39.7	31.4	25.1	18.8	14.6	10.5	8.4	4.2
-65°	58.6	50.2	41.8	35.6	29.3	23.0	18.8	14.6	10.5	8.4	4.2
-67.5°	52.3	46.0	39.7	33.5	27.2	23.0	18.8	14.6	10.5	6.3	4.2
-70°	48.1	41.8	35.6	31.4	27.2	20.9	18.8	14.6	10.5	6.3	4.2
-72.5°	41.8	37.7	33.5	29.3	25.1	23.0	18.8	14.6	8.4	6.3	4.2
-75°	39.7	35.6	31.4	29.3	27.2	23.0	18.8	12.6	8.4	6.3	4.2
-77.5°	39.7	35.6	33.5	31.4	27.2	23.0	16.7	10.5	6.3	6.3	4.2
-80°	39.7	37.7	35.6	29.3	25.1	18.8	12.6	10.5	6.3	4.2	2.1
-82.5°	35.6	29.3	25.1	20.9	18.8	14.6	10.5	8.4	4.2	4.2	2.1
-85°	23.0	18.8	16.7	14.6	12.6	10.5	6.3	4.2	4.2	2.1	2.1
-87.5°	10.5	10.5	8.4	6.3	6.3	4.2	4.2	2.1	2.1	2.1	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: P724219

CATALOG NUMBER: IFLD-S-SA3B-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°	2.1	0.0	0.0	0.0
77.5°	2.1	0.0	0.0	0.0
75°	2.1	2.1	0.0	0.0
72.5°	2.1	2.1	0.0	0.0
70°	2.1	2.1	0.0	0.0
67.5°	2.1	2.1	0.0	0.0
65°	2.1	2.1	0.0	0.0
62.5°	2.1	2.1	0.0	0.0
60°	2.1	2.1	0.0	0.0
57.5°	2.1	2.1	2.1	0.0
55°	2.1	2.1	2.1	0.0
52.5°	2.1	2.1	2.1	0.0
50°	2.1	2.1	2.1	0.0
47.5°	2.1	2.1	2.1	0.0
45°	2.1	2.1	2.1	0.0
42.5°	2.1	2.1	2.1	0.0
40°	2.1	2.1	2.1	0.0
37.5°	2.1	2.1	2.1	0.0
35°	2.1	2.1	2.1	0.0
32.5°	2.1	2.1	2.1	0.0
30°	2.1	2.1	2.1	0.0
27.5°	2.1	2.1	2.1	0.0
25°	2.1	2.1	2.1	0.0
22.5°	2.1	2.1	2.1	0.0
20°	2.1	2.1	2.1	0.0
17.5°	2.1	2.1	2.1	0.0
15°	2.1	2.1	2.1	0.0
12.5°	2.1	2.1	2.1	0.0
10°	2.1	2.1	2.1	0.0
7.5°	2.1	2.1	2.1	0.0
5°	2.1	2.1	2.1	0.0
2.5°	2.1	2.1	2.1	0.0
0°	2.1	2.1	2.1	0.0
-2.5°	2.1	2.1	2.1	0.0
-5°	2.1	2.1	2.1	0.0
-7.5°	2.1	2.1	2.1	0.0
-10°	2.1	2.1	2.1	0.0
-12.5°	2.1	2.1	2.1	0.0
-15°	2.1	2.1	2.1	0.0
-17.5°	2.1	2.1	2.1	0.0
-20°	2.1	2.1	2.1	0.0



REPORT NUMBER: P724219
CATALOG NUMBER: IFLD-S-SA3B-827-U-22-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	2.1	2.1	2.1	0.0
-25°	2.1	2.1	2.1	0.0
-27.5°	2.1	2.1	2.1	0.0
-30°	2.1	2.1	2.1	0.0
-32.5°	2.1	2.1	2.1	0.0
-35°	2.1	2.1	2.1	0.0
-37.5°	2.1	2.1	2.1	0.0
-40°	2.1	2.1	2.1	0.0
-42.5°	2.1	2.1	2.1	0.0
-45°	2.1	2.1	2.1	0.0
-47.5°	2.1	2.1	2.1	0.0
-50°	2.1	2.1	2.1	0.0
-52.5°	2.1	2.1	2.1	0.0
-55°	2.1	2.1	2.1	0.0
-57.5°	2.1	2.1	2.1	0.0
-60°	2.1	2.1	0.0	0.0
-62.5°	2.1	2.1	0.0	0.0
-65°	2.1	2.1	0.0	0.0
-67.5°	2.1	2.1	0.0	0.0
-70°	2.1	2.1	0.0	0.0
-72.5°	2.1	2.1	0.0	0.0
-75°	2.1	2.1	0.0	0.0
-77.5°	2.1	0.0	0.0	0.0
-80°	2.1	0.0	0.0	0.0
-82.5°	2.1	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)