

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: P724218

Luminaire Tested: **IFLD-S-SA3A-827-U-22-VI**

Issue Date: 01/11/2023

**Test Information**

Test Method: LM-79-2019  
Report Number: P724218  
Test Lab: INNOVATION CENTER(G2)  
Issue Date: 01/11/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: IFLD-S-SA3A-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**

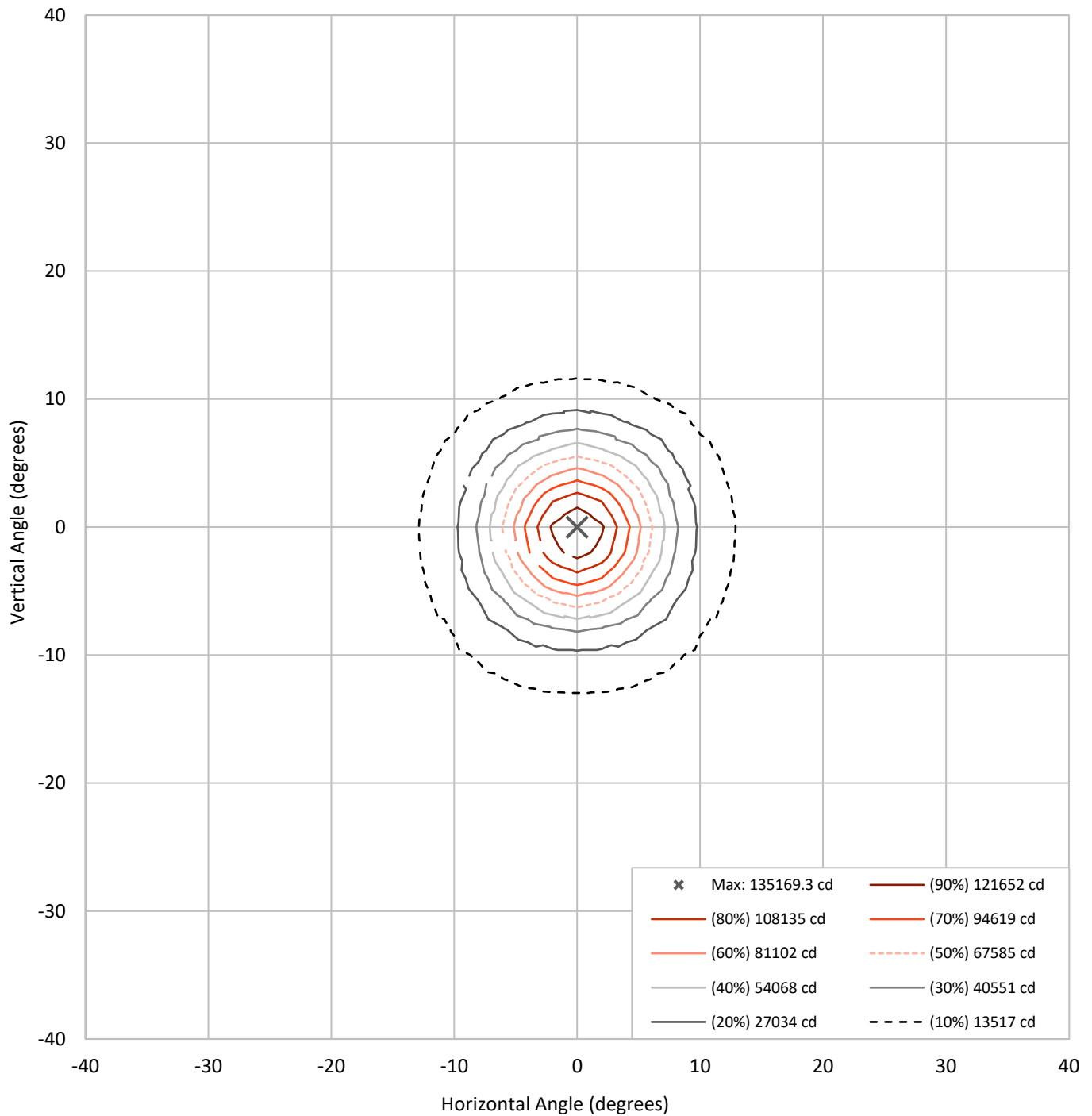
Lumens per Lamp:	N/A	NEMA Type:	2H x 2V
Luminaire Lumens:	9441.6 lumens	Max Intensity:	135169.3 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	99.6 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	12.2°H x 11.7°V	Field Angle (10%):	25.1°H x 24.3°V
Beam Lumens:	2953.8 lumens	Field Lumens:	6720.9 lumens
Beam Efficiency:	31.3%	Field Efficiency:	71.2%

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



REPORT NUMBER: P724218  
CATALOG NUMBER: IFLD-S-SA3A-827-U-22-VI

### Iso-Candela Plot





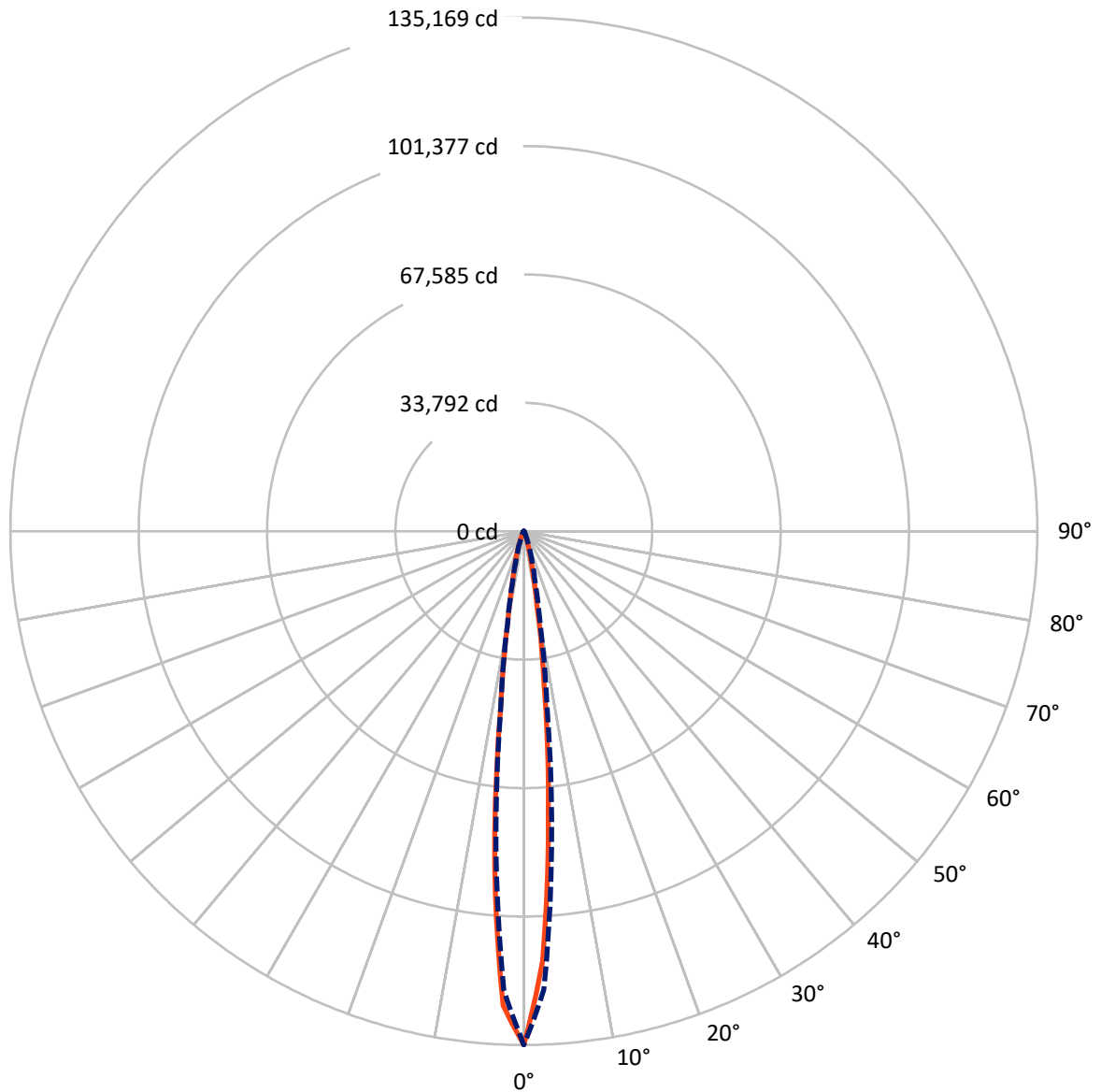
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### Lumen Table

90	0.1	0.6		0.5		0.2		0.0		0.2		0.5		0.6		0.1			
80	0.1	0.6		0.5		0.2		0.0		0.2		0.5		0.6		0.1			
70	0.1	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			
60		0.1	0.1	0.3	0.5	0.7	0.9	1.0	1.0	0.9	0.7	0.5	0.3	0.1	0.1				
50	0.1	0.1	0.3	0.8	1.3	1.9	2.5	3.0	3.0	2.5	1.9	1.3	0.8	0.3	0.1	0.1			
40		0.2	0.7	1.4	2.4	3.8	5.7	6.9	6.9	5.7	3.8	2.4	1.4	0.7	0.2				
30	0.1	0.3	1.0	2.1	3.8	6.5	12.6	20.3	20.3	12.6	6.5	3.8	2.1	1.0	0.3	0.1			
20		0.4	1.4	2.8	5.7	14.2	74.4	188.2	188.2	74.4	14.2	5.7	2.8	1.4	0.4				
10	0.2	0.5	1.6	3.3	7.0	28.9	239.6	1476.3	1476.3	239.6	28.9	7.0	3.3	1.6	0.5	0.2			
0		0.6	1.8	3.5	7.3	33.0	263.6	1625.8	1625.8	263.6	33.0	7.3	3.5	1.8	0.6				
-10	0.2	0.7	1.8	3.5	6.9	19.8	118.3	285.1	285.1	118.3	19.8	6.9	3.5	1.8	0.7	0.2			
-20		0.6	1.8	3.3	5.8	10.1	24.5	45.9	45.9	24.5	10.1	5.8	3.3	1.8	0.6				
-30	0.2	0.6	1.7	3.1	4.8	7.1	10.1	11.9	11.9	10.1	7.1	4.8	3.1	1.7	0.6	0.2			
-40		0.5	1.5	2.8	4.2	5.5	7.0	7.8	7.8	7.0	5.5	4.2	2.8	1.5	0.5				
-50	0.2	0.4	1.2	2.3	3.7	4.9	6.0	6.5	6.5	6.0	4.9	3.7	2.3	1.2	0.4	0.2			
-60		0.3	0.8	1.7	2.8	3.9	4.9	5.4	5.4	4.9	3.9	2.8	1.7	0.8	0.3				
-70	0.1	1.3		3.5		6.5		7.9		6.5		3.5		1.3		0.1			
-80		1.3		3.5		6.5		7.9		6.5		3.5		1.3					
-90	0.1	1.3		3.5		6.5		7.9		6.5		3.5		1.3		0.1			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

REPORT NUMBER: P724218  
CATALOG NUMBER: IFLD-S-SA3A-827-U-22-VI

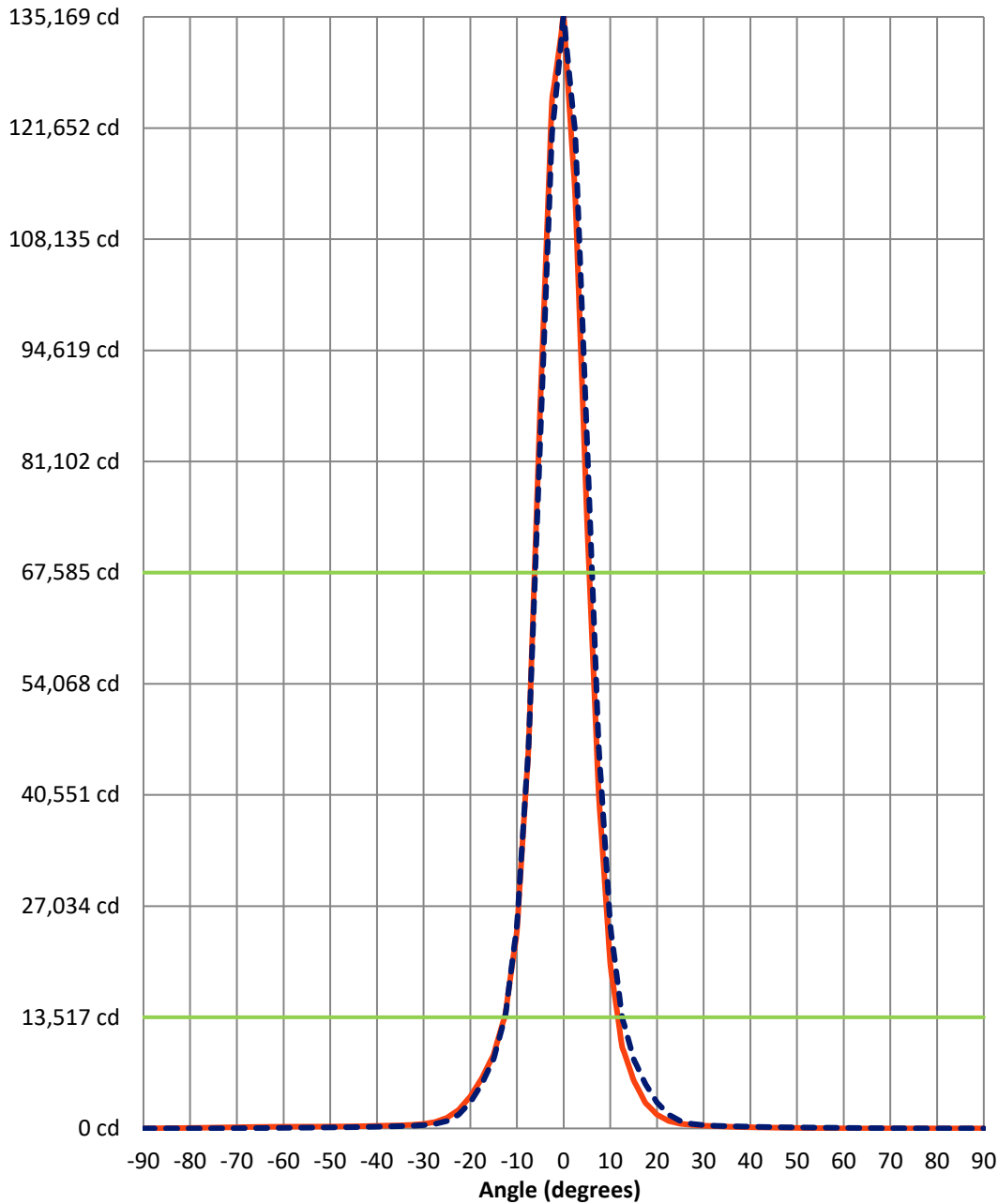
### Luminous Intensity Polar Plot



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

REPORT NUMBER: P724218  
 CATALOG NUMBER: IFLD-S-SA3A-827-U-22-VI

### Luminous Intensity Plot



**Beam:**  
 H Angle: 12.2°  
 V Angle: 11.7°  
 Lumens: 2953.8  
 Efficiency: 31.3%

**Field:**  
 H Angle: 25.1°  
 V Angle: 24.3°  
 Lumens: 6720.9  
 Efficiency: 71.2%

**Spill:**  
 Lumens: 2720.7  
 Efficiency: 28.8%

— 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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.7	1.7
85°	0.0	0.0	0.0	0.0	1.7	1.7	1.7	1.7	1.7	3.4	3.4
82.5°	0.0	0.0	0.0	0.0	1.7	1.7	1.7	1.7	3.4	3.4	3.4
80°	0.0	0.0	0.0	0.0	1.7	1.7	1.7	1.7	3.4	3.4	3.4
77.5°	0.0	0.0	0.0	0.0	1.7	1.7	1.7	1.7	1.7	1.7	3.4
75°	0.0	0.0	0.0	0.0	1.7	1.7	1.7	1.7	1.7	1.7	1.7
72.5°	0.0	0.0	0.0	0.0	1.7	1.7	1.7	1.7	1.7	1.7	1.7
70°	0.0	0.0	0.0	0.0	1.7	1.7	1.7	1.7	1.7	1.7	1.7
67.5°	0.0	0.0	0.0	0.0	1.7	1.7	1.7	1.7	1.7	1.7	1.7
65°	0.0	0.0	0.0	0.0	1.7	1.7	1.7	1.7	1.7	1.7	1.7
62.5°	0.0	0.0	0.0	0.0	1.7	1.7	1.7	1.7	1.7	1.7	1.7
60°	3.4	3.4	3.4	3.4	5.1	5.1	6.8	6.8	6.8	3.4	6.8
57.5°	27.1	27.1	25.4	23.7	22.0	20.3	20.3	20.3	20.3	20.3	16.9
55°	37.2	37.2	37.2	35.5	35.5	33.8	32.1	30.4	30.4	28.8	27.1
52.5°	44.0	44.0	44.0	44.0	42.3	42.3	42.3	40.6	37.2	37.2	35.5
50°	62.6	60.9	60.9	60.9	60.9	57.5	55.8	52.4	50.7	49.1	47.4
47.5°	81.2	81.2	79.5	79.5	77.8	74.4	71.0	67.7	64.3	62.6	59.2
45°	96.4	96.4	94.7	94.7	93.0	89.6	84.6	79.5	76.1	72.7	69.4
42.5°	118.4	116.7	115.0	113.3	109.9	104.9	98.1	91.3	86.3	81.2	77.8
40°	142.1	142.1	140.4	138.7	133.6	128.6	120.1	111.6	103.2	93.0	88.0
37.5°	170.8	172.5	174.2	174.2	170.8	164.1	152.2	142.1	128.6	115.0	108.3
35°	223.3	223.3	226.7	226.7	221.6	213.1	204.7	182.7	165.8	148.9	133.6
32.5°	280.8	282.5	275.7	270.6	263.9	253.7	238.5	219.9	201.3	179.3	162.4
30°	336.6	336.6	328.2	318.0	304.5	287.6	268.9	248.7	226.7	204.7	184.4
27.5°	424.6	416.1	409.3	392.4	368.7	336.6	312.9	280.8	252.0	226.7	204.7
25°	570.0	568.3	553.1	524.4	477.0	426.3	387.4	333.2	289.2	250.3	225.0
22.5°	906.6	894.8	859.3	788.2	676.6	588.6	509.1	424.6	345.1	292.6	252.0
20°	1676.3	1637.4	1542.6	1346.4	1096.1	923.6	725.7	583.6	449.9	351.8	290.9
17.5°	3127.6	3102.2	3066.7	2613.4	2104.2	1738.9	1294.0	894.8	639.4	460.1	345.1
15°	5862.7	5675.0	5282.5	4739.6	4027.5	3112.4	2288.6	1444.5	913.4	612.3	438.1
12.5°	10022.1	9814.1	8800.9	7442.6	6162.1	4859.7	3411.8	2195.6	1300.8	778.1	519.3
10°	19969.8	18459.3	15622.7	11659.5	9100.3	6786.3	4790.3	2995.6	1693.2	982.8	615.7
7.5°	40902.1	35966.3	27715.2	19565.6	12664.2	8900.7	6118.1	3917.5	2256.5	1229.7	703.7
5°	74133.3	65376.4	49253.0	29657.0	18390.0	11155.4	7259.9	4658.4	2670.9	1431.0	791.6
2.5°	113196.8	101868.8	71207.0	40780.3	22676.2	12901.1	8058.3	5145.5	2934.7	1568.0	859.3
0°	135169.3	120740.8	83857.7	46688.7	24717.9	13641.9	8449.0	5438.2	3158.0	1679.7	903.3
-2.5°	124863.0	113247.5	77066.4	43370.0	23620.1	13317.2	8504.9	5510.9	3195.2	1710.1	923.6
-5°	88003.6	78470.3	53324.5	32004.8	20040.9	12266.7	8024.5	5236.9	3092.1	1666.1	915.1
-7.5°	46558.5	42245.2	31624.3	22997.6	14628.1	10382.4	7224.4	4751.4	2824.8	1547.7	864.4
-10°	24054.8	23170.1	19966.4	15051.0	11837.1	8697.7	6165.5	4063.0	2361.3	1332.9	778.1
-12.5°	13868.6	13718.1	12687.9	10891.6	9076.6	7144.9	5059.3	3313.6	1970.6	1104.5	656.3
-15°	8980.2	9044.4	8685.8	7938.2	6904.7	5346.8	3887.1	2464.5	1458.1	894.8	578.5
-17.5°	6128.3	6111.4	5943.9	5431.4	4599.2	3611.3	2576.2	1740.6	1104.5	696.9	480.4
-20°	3876.9	3883.7	3728.1	3374.5	2762.2	2226.0	1603.5	1173.9	783.2	548.0	424.6



REPORT NUMBER: P724218

CATALOG NUMBER: IFLD-S-SA3A-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°	2249.7	2254.8	2156.7	1957.1	1635.7	1319.4	1042.0	776.4	576.8	456.7	372.1
-25°	1292.3	1272.0	1233.1	1136.7	986.1	813.6	691.8	546.4	461.8	387.4	340.0
-27.5°	783.2	769.6	749.3	707.0	647.8	561.6	505.8	441.5	392.4	348.4	319.7
-30°	546.4	551.4	534.5	512.5	485.5	446.6	416.1	385.7	353.5	326.5	299.4
-32.5°	434.7	438.1	429.6	421.2	407.7	392.4	373.8	351.8	326.5	301.1	275.7
-35°	373.8	375.5	375.5	373.8	370.4	358.6	345.1	324.8	301.1	277.4	255.4
-37.5°	343.4	345.1	345.1	343.4	338.3	328.2	314.6	297.7	275.7	253.7	236.8
-40°	311.2	312.9	311.2	307.9	302.8	292.6	282.5	268.9	252.0	233.4	218.2
-42.5°	280.8	279.1	277.4	274.0	268.9	262.2	253.7	243.6	231.7	218.2	206.4
-45°	252.0	252.0	250.3	248.7	245.3	240.2	235.1	226.7	218.2	208.1	197.9
-47.5°	236.8	236.8	235.1	233.4	231.7	228.4	223.3	216.5	209.7	201.3	192.8
-50°	226.7	226.7	226.7	225.0	223.3	219.9	214.8	209.7	203.0	194.5	186.1
-52.5°	219.9	219.9	219.9	218.2	216.5	214.8	209.7	203.0	194.5	187.8	181.0
-55°	216.5	214.8	214.8	213.1	211.4	209.7	203.0	196.2	189.4	182.7	175.9
-57.5°	211.4	209.7	209.7	208.1	206.4	204.7	197.9	191.1	184.4	175.9	170.8
-60°	206.4	204.7	204.7	201.3	199.6	197.9	191.1	184.4	177.6	170.8	164.1
-62.5°	199.6	197.9	196.2	194.5	191.1	187.8	182.7	175.9	167.5	160.7	153.9
-65°	184.4	182.7	181.0	179.3	177.6	175.9	170.8	162.4	155.6	148.9	142.1
-67.5°	165.8	165.8	165.8	162.4	160.7	157.3	153.9	147.2	140.4	133.6	128.6
-70°	143.8	143.8	143.8	140.4	138.7	137.0	131.9	126.9	121.8	116.7	109.9
-72.5°	121.8	120.1	120.1	118.4	115.0	113.3	109.9	106.6	101.5	98.1	93.0
-75°	99.8	98.1	98.1	96.4	94.7	93.0	89.6	88.0	84.6	81.2	76.1
-77.5°	79.5	79.5	79.5	77.8	76.1	74.4	72.7	71.0	69.4	66.0	62.6
-80°	60.9	60.9	60.9	60.9	60.9	60.9	60.9	59.2	55.8	54.1	52.4
-82.5°	44.0	45.7	45.7	45.7	45.7	45.7	45.7	45.7	44.0	42.3	40.6
-85°	28.8	30.4	30.4	32.1	33.8	33.8	35.5	33.8	32.1	28.8	27.1
-87.5°	15.2	15.2	15.2	15.2	15.2	15.2	15.2	13.5	13.5	13.5	11.8
-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: P724218  
 CATALOG NUMBER: IFLD-S-SA3A-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°	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	3.4	3.4	3.4
85°	3.4	3.4	3.4	3.4	5.1	5.1	5.1	6.8	6.8	6.8	6.8
82.5°	3.4	5.1	5.1	5.1	6.8	6.8	8.5	10.1	13.5	15.2	15.2
80°	3.4	5.1	5.1	5.1	6.8	6.8	8.5	8.5	10.1	11.8	15.2
77.5°	3.4	3.4	5.1	5.1	5.1	6.8	6.8	8.5	8.5	10.1	11.8
75°	1.7	3.4	3.4	3.4	5.1	5.1	6.8	6.8	8.5	8.5	10.1
72.5°	1.7	3.4	3.4	3.4	5.1	5.1	6.8	6.8	6.8	8.5	8.5
70°	1.7	3.4	3.4	3.4	3.4	5.1	5.1	5.1	6.8	6.8	6.8
67.5°	1.7	1.7	1.7	3.4	3.4	3.4	3.4	5.1	5.1	5.1	6.8
65°	1.7	1.7	1.7	1.7	3.4	3.4	3.4	3.4	5.1	5.1	5.1
62.5°	1.7	1.7	1.7	3.4	3.4	3.4	3.4	3.4	5.1	5.1	5.1
60°	6.8	6.8	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1
57.5°	15.2	15.2	13.5	11.8	10.1	10.1	8.5	6.8	6.8	5.1	5.1
55°	25.4	23.7	22.0	18.6	16.9	15.2	13.5	10.1	8.5	6.8	5.1
52.5°	32.1	30.4	28.8	27.1	23.7	20.3	18.6	16.9	13.5	10.1	8.5
50°	47.4	42.3	38.9	35.5	32.1	28.8	25.4	23.7	18.6	15.2	11.8
47.5°	57.5	54.1	49.1	45.7	42.3	37.2	32.1	28.8	25.4	20.3	15.2
45°	66.0	62.6	57.5	54.1	50.7	45.7	40.6	35.5	32.1	27.1	20.3
42.5°	74.4	71.0	66.0	62.6	57.5	52.4	47.4	42.3	37.2	33.8	27.1
40°	86.3	81.2	74.4	71.0	67.7	60.9	54.1	49.1	44.0	38.9	32.1
37.5°	101.5	96.4	88.0	81.2	76.1	71.0	64.3	57.5	52.4	45.7	38.9
35°	125.2	116.7	104.9	94.7	88.0	81.2	72.7	66.0	59.2	52.4	45.7
32.5°	148.9	135.3	120.1	108.3	98.1	89.6	81.2	74.4	66.0	57.5	50.7
30°	167.5	152.2	137.0	120.1	108.3	98.1	89.6	81.2	72.7	64.3	55.8
27.5°	186.1	169.1	152.2	135.3	118.4	104.9	96.4	88.0	79.5	71.0	60.9
25°	204.7	186.1	169.1	150.5	130.2	115.0	103.2	96.4	88.0	77.8	66.0
22.5°	221.6	204.7	187.8	167.5	143.8	123.5	111.6	103.2	94.7	82.9	72.7
20°	253.7	231.7	211.4	186.1	159.0	138.7	123.5	111.6	101.5	89.6	77.8
17.5°	296.0	263.9	236.8	208.1	181.0	155.6	133.6	120.1	109.9	96.4	82.9
15°	350.1	294.3	260.5	231.7	199.6	170.8	147.2	128.6	115.0	101.5	89.6
12.5°	390.7	318.0	280.8	253.7	219.9	187.8	157.3	135.3	120.1	106.6	93.0
10°	436.4	343.4	297.7	267.3	231.7	196.2	164.1	140.4	123.5	111.6	98.1
7.5°	473.6	363.7	306.2	272.3	238.5	203.0	170.8	145.5	128.6	115.0	101.5
5°	507.4	380.6	312.9	274.0	241.9	208.1	174.2	148.9	131.9	118.4	104.9
2.5°	531.1	395.8	319.7	277.4	245.3	211.4	179.3	152.2	135.3	121.8	108.3
0°	551.4	400.9	318.0	277.4	247.0	211.4	181.0	153.9	137.0	123.5	109.9
-2.5°	558.2	409.3	326.5	280.8	250.3	214.8	184.4	155.6	138.7	125.2	113.3
-5°	558.2	402.6	326.5	284.2	252.0	216.5	184.4	157.3	140.4	126.9	113.3
-7.5°	537.9	392.4	324.8	287.6	253.7	218.2	184.4	159.0	142.1	128.6	115.0
-10°	502.4	377.2	323.1	289.2	253.7	216.5	184.4	159.0	142.1	128.6	116.7
-12.5°	444.9	356.9	314.6	285.9	250.3	213.1	182.7	159.0	142.1	130.2	116.7
-15°	416.1	340.0	304.5	275.7	241.9	208.1	179.3	157.3	142.1	130.2	118.4
-17.5°	377.2	326.5	294.3	265.6	235.1	203.0	175.9	157.3	142.1	128.6	118.4
-20°	350.1	311.2	282.5	257.1	226.7	197.9	174.2	155.6	142.1	128.6	118.4



REPORT NUMBER: P724218  
 CATALOG NUMBER: IFLD-S-SA3A-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°	326.5	294.3	268.9	243.6	216.5	191.1	170.8	153.9	140.4	128.6	118.4
-25°	307.9	279.1	255.4	231.7	208.1	186.1	167.5	152.2	138.7	128.6	116.7
-27.5°	290.9	263.9	241.9	219.9	197.9	181.0	164.1	150.5	138.7	126.9	115.0
-30°	272.3	250.3	228.4	208.1	192.8	175.9	160.7	147.2	137.0	125.2	113.3
-32.5°	253.7	233.4	214.8	199.6	186.1	172.5	159.0	145.5	133.6	121.8	109.9
-35°	236.8	218.2	204.7	191.1	181.0	169.1	155.6	142.1	131.9	120.1	109.9
-37.5°	219.9	206.4	194.5	184.4	174.2	164.1	150.5	138.7	128.6	116.7	104.9
-40°	206.4	196.2	187.8	179.3	169.1	157.3	147.2	135.3	125.2	113.3	99.8
-42.5°	197.9	189.4	181.0	172.5	164.1	153.9	143.8	131.9	121.8	109.9	96.4
-45°	189.4	182.7	175.9	169.1	160.7	150.5	138.7	126.9	116.7	104.9	94.7
-47.5°	184.4	177.6	170.8	165.8	159.0	145.5	135.3	123.5	111.6	101.5	89.6
-50°	179.3	172.5	167.5	160.7	152.2	140.4	130.2	118.4	108.3	96.4	86.3
-52.5°	174.2	167.5	160.7	153.9	145.5	135.3	125.2	115.0	103.2	91.3	81.2
-55°	169.1	162.4	155.6	148.9	140.4	131.9	121.8	108.3	96.4	84.6	74.4
-57.5°	164.1	159.0	150.5	142.1	133.6	125.2	113.3	101.5	89.6	77.8	69.4
-60°	157.3	150.5	143.8	133.6	125.2	115.0	104.9	94.7	82.9	72.7	64.3
-62.5°	147.2	140.4	133.6	123.5	115.0	106.6	98.1	86.3	77.8	67.7	59.2
-65°	135.3	128.6	121.8	113.3	104.9	96.4	89.6	79.5	71.0	62.6	55.8
-67.5°	121.8	115.0	109.9	101.5	94.7	86.3	79.5	71.0	62.6	55.8	49.1
-70°	104.9	99.8	94.7	88.0	81.2	74.4	67.7	60.9	54.1	49.1	42.3
-72.5°	89.6	84.6	79.5	74.4	69.4	62.6	57.5	52.4	47.4	42.3	38.9
-75°	72.7	69.4	66.0	62.6	57.5	52.4	49.1	44.0	40.6	37.2	35.5
-77.5°	60.9	57.5	54.1	50.7	47.4	44.0	40.6	37.2	35.5	33.8	32.1
-80°	49.1	47.4	45.7	42.3	40.6	37.2	35.5	32.1	32.1	32.1	32.1
-82.5°	38.9	37.2	35.5	33.8	32.1	30.4	30.4	28.8	30.4	30.4	28.8
-85°	27.1	25.4	23.7	23.7	22.0	22.0	20.3	20.3	20.3	18.6	18.6
-87.5°	11.8	11.8	11.8	11.8	10.1	10.1	10.1	10.1	10.1	8.5	8.5
-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: P724218  
 CATALOG NUMBER: IFLD-S-SA3A-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°	3.4	3.4	1.7	1.7	1.7	1.7	1.7	1.7	1.7	0.0	0.0
85°	6.8	6.8	5.1	5.1	5.1	3.4	3.4	1.7	1.7	1.7	1.7
82.5°	15.2	13.5	11.8	10.1	8.5	6.8	5.1	3.4	3.4	1.7	1.7
80°	18.6	18.6	18.6	16.9	13.5	10.1	6.8	5.1	3.4	1.7	1.7
77.5°	13.5	13.5	15.2	16.9	16.9	13.5	8.5	5.1	3.4	3.4	1.7
75°	10.1	10.1	10.1	11.8	13.5	13.5	10.1	6.8	3.4	3.4	1.7
72.5°	10.1	10.1	10.1	10.1	10.1	10.1	10.1	6.8	5.1	3.4	3.4
70°	8.5	8.5	8.5	8.5	8.5	8.5	8.5	6.8	5.1	3.4	3.4
67.5°	6.8	6.8	8.5	8.5	8.5	6.8	6.8	6.8	5.1	3.4	3.4
65°	5.1	6.8	6.8	8.5	6.8	6.8	6.8	5.1	5.1	3.4	3.4
62.5°	5.1	5.1	6.8	6.8	6.8	6.8	5.1	5.1	5.1	3.4	3.4
60°	5.1	5.1	5.1	6.8	5.1	5.1	5.1	5.1	5.1	3.4	3.4
57.5°	5.1	5.1	5.1	5.1	5.1	5.1	5.1	3.4	3.4	3.4	3.4
55°	5.1	5.1	5.1	5.1	5.1	5.1	3.4	3.4	3.4	3.4	3.4
52.5°	6.8	5.1	5.1	5.1	5.1	5.1	3.4	3.4	3.4	3.4	3.4
50°	8.5	5.1	5.1	5.1	5.1	3.4	3.4	3.4	3.4	3.4	3.4
47.5°	11.8	8.5	6.8	5.1	5.1	3.4	3.4	3.4	3.4	3.4	1.7
45°	16.9	11.8	8.5	6.8	5.1	3.4	3.4	3.4	3.4	3.4	1.7
42.5°	20.3	15.2	10.1	8.5	6.8	5.1	3.4	3.4	3.4	1.7	1.7
40°	25.4	20.3	13.5	10.1	6.8	5.1	3.4	3.4	3.4	1.7	1.7
37.5°	32.1	25.4	16.9	11.8	8.5	5.1	5.1	3.4	3.4	1.7	1.7
35°	37.2	28.8	22.0	13.5	10.1	6.8	5.1	3.4	3.4	1.7	1.7
32.5°	42.3	33.8	27.1	16.9	11.8	8.5	6.8	3.4	3.4	1.7	1.7
30°	47.4	38.9	30.4	22.0	15.2	10.1	6.8	3.4	3.4	1.7	1.7
27.5°	52.4	42.3	33.8	25.4	16.9	11.8	8.5	5.1	3.4	1.7	1.7
25°	57.5	47.4	37.2	28.8	18.6	13.5	8.5	5.1	3.4	3.4	1.7
22.5°	60.9	52.4	42.3	32.1	22.0	15.2	10.1	6.8	3.4	3.4	1.7
20°	66.0	57.5	45.7	35.5	25.4	16.9	10.1	6.8	3.4	3.4	1.7
17.5°	71.0	60.9	49.1	38.9	28.8	18.6	11.8	8.5	3.4	3.4	1.7
15°	76.1	64.3	52.4	40.6	30.4	20.3	11.8	8.5	3.4	3.4	1.7
12.5°	81.2	69.4	55.8	44.0	32.1	22.0	13.5	10.1	5.1	3.4	1.7
10°	84.6	72.7	59.2	45.7	33.8	25.4	15.2	10.1	5.1	3.4	1.7
7.5°	89.6	76.1	62.6	49.1	35.5	27.1	16.9	10.1	5.1	3.4	1.7
5°	91.3	79.5	64.3	52.4	37.2	28.8	18.6	11.8	5.1	3.4	1.7
2.5°	93.0	82.9	66.0	54.1	38.9	28.8	18.6	11.8	6.8	3.4	1.7
0°	94.7	84.6	67.7	55.8	40.6	30.4	20.3	11.8	6.8	3.4	1.7
-2.5°	96.4	86.3	71.0	57.5	42.3	32.1	22.0	11.8	6.8	3.4	1.7
-5°	98.1	86.3	74.4	59.2	44.0	32.1	22.0	13.5	8.5	3.4	1.7
-7.5°	99.8	88.0	76.1	60.9	45.7	32.1	23.7	13.5	8.5	5.1	1.7
-10°	101.5	89.6	77.8	62.6	45.7	33.8	23.7	13.5	8.5	5.1	1.7
-12.5°	103.2	91.3	77.8	62.6	47.4	33.8	23.7	15.2	8.5	5.1	1.7
-15°	104.9	91.3	77.8	62.6	47.4	35.5	25.4	15.2	8.5	5.1	3.4
-17.5°	104.9	91.3	77.8	64.3	47.4	35.5	25.4	15.2	8.5	5.1	3.4
-20°	104.9	91.3	77.8	64.3	47.4	35.5	25.4	15.2	8.5	5.1	3.4



REPORT NUMBER: P724218

CATALOG NUMBER: IFLD-S-SA3A-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°	103.2	89.6	77.8	62.6	47.4	35.5	25.4	15.2	10.1	5.1	3.4
-25°	103.2	89.6	77.8	62.6	47.4	35.5	23.7	15.2	10.1	5.1	3.4
-27.5°	101.5	89.6	76.1	60.9	45.7	33.8	23.7	15.2	10.1	5.1	3.4
-30°	99.8	88.0	74.4	59.2	45.7	33.8	23.7	15.2	10.1	5.1	3.4
-32.5°	98.1	84.6	72.7	57.5	44.0	32.1	23.7	15.2	10.1	5.1	3.4
-35°	94.7	82.9	69.4	55.8	42.3	32.1	22.0	15.2	10.1	6.8	3.4
-37.5°	91.3	79.5	67.7	54.1	40.6	30.4	22.0	15.2	10.1	6.8	3.4
-40°	88.0	77.8	64.3	50.7	38.9	28.8	22.0	15.2	10.1	6.8	5.1
-42.5°	84.6	74.4	62.6	49.1	38.9	28.8	20.3	15.2	10.1	6.8	5.1
-45°	82.9	72.7	59.2	47.4	37.2	28.8	20.3	13.5	10.1	6.8	5.1
-47.5°	79.5	67.7	55.8	45.7	35.5	27.1	18.6	13.5	10.1	6.8	5.1
-50°	74.4	64.3	54.1	44.0	33.8	25.4	18.6	13.5	10.1	6.8	5.1
-52.5°	69.4	59.2	50.7	40.6	32.1	25.4	18.6	13.5	10.1	6.8	5.1
-55°	64.3	55.8	47.4	38.9	30.4	23.7	16.9	13.5	10.1	6.8	5.1
-57.5°	60.9	52.4	44.0	35.5	28.8	22.0	16.9	11.8	8.5	6.8	5.1
-60°	57.5	49.1	40.6	33.8	27.1	22.0	16.9	11.8	8.5	6.8	3.4
-62.5°	52.4	45.7	37.2	32.1	25.4	20.3	15.2	11.8	8.5	6.8	3.4
-65°	47.4	40.6	33.8	28.8	23.7	18.6	15.2	11.8	8.5	6.8	3.4
-67.5°	42.3	37.2	32.1	27.1	22.0	18.6	15.2	11.8	8.5	5.1	3.4
-70°	38.9	33.8	28.8	25.4	22.0	16.9	15.2	11.8	8.5	5.1	3.4
-72.5°	33.8	30.4	27.1	23.7	20.3	18.6	15.2	11.8	6.8	5.1	3.4
-75°	32.1	28.8	25.4	23.7	22.0	18.6	15.2	10.1	6.8	5.1	3.4
-77.5°	32.1	28.8	27.1	25.4	22.0	18.6	13.5	8.5	5.1	5.1	3.4
-80°	32.1	30.4	28.8	23.7	20.3	15.2	10.1	8.5	5.1	3.4	1.7
-82.5°	28.8	23.7	20.3	16.9	15.2	11.8	8.5	6.8	3.4	3.4	1.7
-85°	18.6	15.2	13.5	11.8	10.1	8.5	5.1	3.4	3.4	1.7	1.7
-87.5°	8.5	8.5	6.8	5.1	5.1	3.4	3.4	1.7	1.7	1.7	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: P724218  
 CATALOG NUMBER: IFLD-S-SA3A-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°	1.7	0.0	0.0	0.0
77.5°	1.7	0.0	0.0	0.0
75°	1.7	1.7	0.0	0.0
72.5°	1.7	1.7	0.0	0.0
70°	1.7	1.7	0.0	0.0
67.5°	1.7	1.7	0.0	0.0
65°	1.7	1.7	0.0	0.0
62.5°	1.7	1.7	0.0	0.0
60°	1.7	1.7	0.0	0.0
57.5°	1.7	1.7	1.7	0.0
55°	1.7	1.7	1.7	0.0
52.5°	1.7	1.7	1.7	0.0
50°	1.7	1.7	1.7	0.0
47.5°	1.7	1.7	1.7	0.0
45°	1.7	1.7	1.7	0.0
42.5°	1.7	1.7	1.7	0.0
40°	1.7	1.7	1.7	0.0
37.5°	1.7	1.7	1.7	0.0
35°	1.7	1.7	1.7	0.0
32.5°	1.7	1.7	1.7	0.0
30°	1.7	1.7	1.7	0.0
27.5°	1.7	1.7	1.7	0.0
25°	1.7	1.7	1.7	0.0
22.5°	1.7	1.7	1.7	0.0
20°	1.7	1.7	1.7	0.0
17.5°	1.7	1.7	1.7	0.0
15°	1.7	1.7	1.7	0.0
12.5°	1.7	1.7	1.7	0.0
10°	1.7	1.7	1.7	0.0
7.5°	1.7	1.7	1.7	0.0
5°	1.7	1.7	1.7	0.0
2.5°	1.7	1.7	1.7	0.0
0°	1.7	1.7	1.7	0.0
-2.5°	1.7	1.7	1.7	0.0
-5°	1.7	1.7	1.7	0.0
-7.5°	1.7	1.7	1.7	0.0
-10°	1.7	1.7	1.7	0.0
-12.5°	1.7	1.7	1.7	0.0
-15°	1.7	1.7	1.7	0.0
-17.5°	1.7	1.7	1.7	0.0
-20°	1.7	1.7	1.7	0.0



REPORT NUMBER: P724218  
 CATALOG NUMBER: IFLD-S-SA3A-827-U-22-VI

**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°
-22.5°	1.7	1.7	1.7	0.0
-25°	1.7	1.7	1.7	0.0
-27.5°	1.7	1.7	1.7	0.0
-30°	1.7	1.7	1.7	0.0
-32.5°	1.7	1.7	1.7	0.0
-35°	1.7	1.7	1.7	0.0
-37.5°	1.7	1.7	1.7	0.0
-40°	1.7	1.7	1.7	0.0
-42.5°	1.7	1.7	1.7	0.0
-45°	1.7	1.7	1.7	0.0
-47.5°	1.7	1.7	1.7	0.0
-50°	1.7	1.7	1.7	0.0
-52.5°	1.7	1.7	1.7	0.0
-55°	1.7	1.7	1.7	0.0
-57.5°	1.7	1.7	1.7	0.0
-60°	1.7	1.7	0.0	0.0
-62.5°	1.7	1.7	0.0	0.0
-65°	1.7	1.7	0.0	0.0
-67.5°	1.7	1.7	0.0	0.0
-70°	1.7	1.7	0.0	0.0
-72.5°	1.7	1.7	0.0	0.0
-75°	1.7	1.7	0.0	0.0
-77.5°	1.7	0.0	0.0	0.0
-80°	1.7	0.0	0.0	0.0
-82.5°	1.7	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)