

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: P724039

Luminaire Tested: **IFLD-S-SA2A-727-U-22-VI**

Issue Date: 01/11/2023

**Test Information**

Test Method: LM-79-2019  
Report Number: P724039  
Test Lab: INNOVATION CENTER(G2)  
Issue Date: 01/11/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: IFLD-S-SA2A-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**

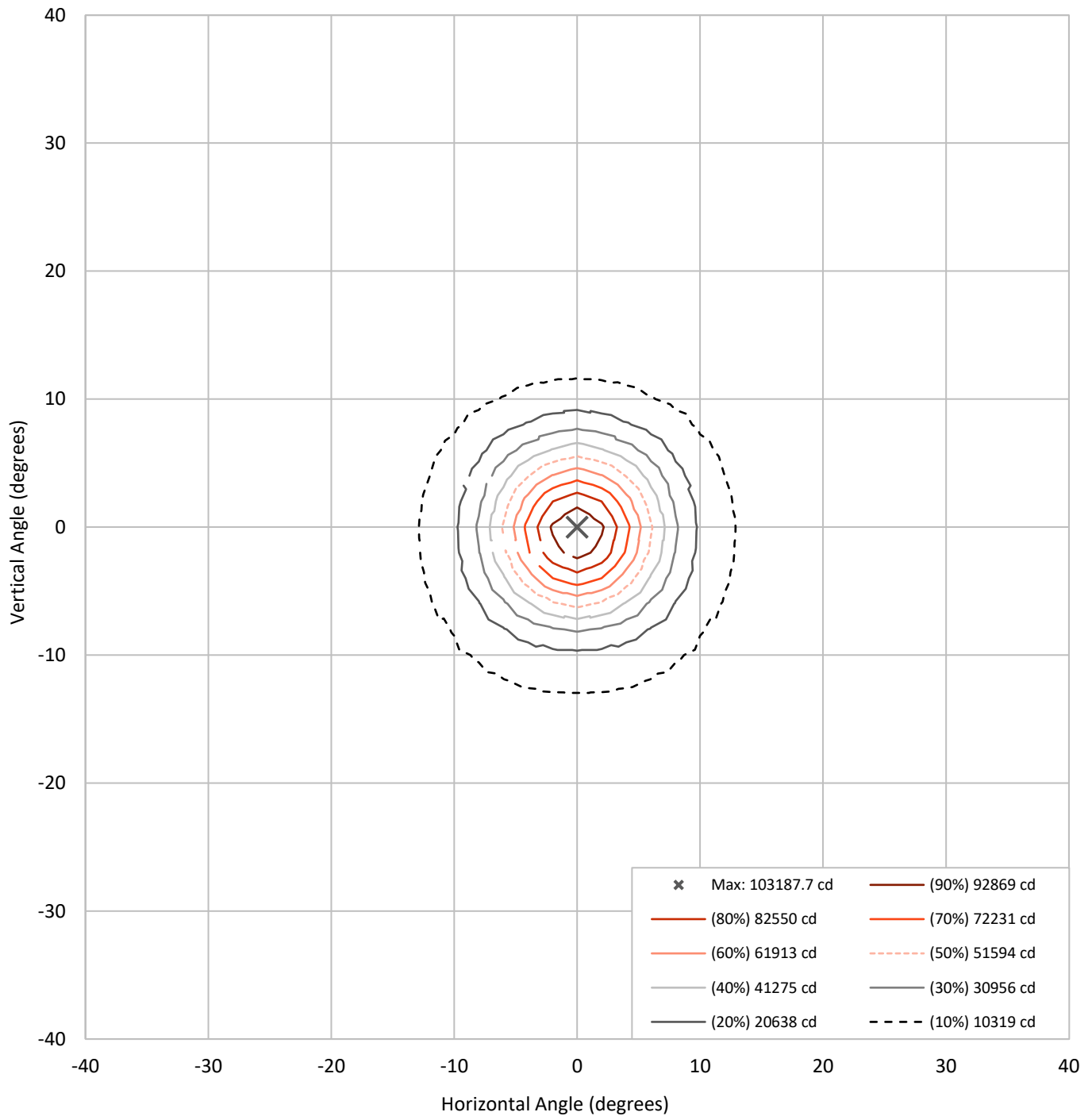
Lumens per Lamp:	N/A	NEMA Type:	2H x 2V
Luminaire Lumens:	7207.7 lumens	Max Intensity:	103187.7 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	113.0 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')		
Beam Angle (50%):	12.2°H x 11.7°V	Field Angle (10%):	25.1°H x 24.3°V
Beam Lumens:	2254.9 lumens	Field Lumens:	5130.7 lumens
Beam Efficiency:	31.3%	Field Efficiency:	71.2%

Input Watts (W): 63.8  
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



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### Iso-Candela Plot





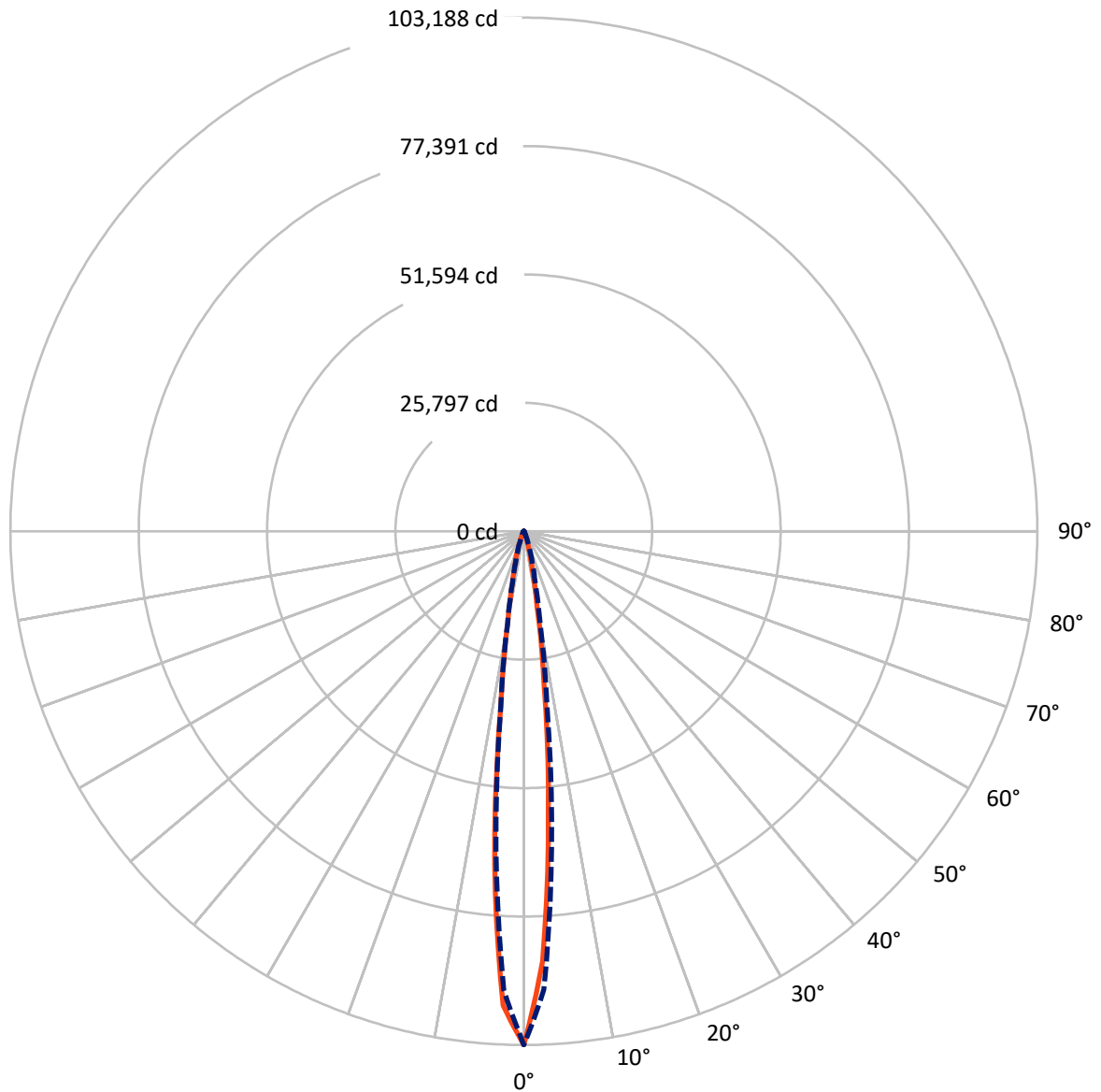
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### Lumen Table

90	0.0	0.4		0.4		0.2		0.0		0.2		0.4		0.4		0.0
80	0.0	0.4		0.4		0.2		0.0		0.2		0.4		0.4		0.0
70	0.1	0.1	0.1	0.1	0.1	0.0	0.1	0.0	0.0	0.1	0.0	0.1	0.1	0.1	0.1	0.1
60		0.0	0.1	0.2	0.4	0.6	0.7	0.8	0.8	0.7	0.6	0.4	0.2	0.1	0.0	
50	0.0	0.1	0.2	0.6	1.0	1.5	1.9	2.3	2.3	1.9	1.5	1.0	0.6	0.2	0.1	0.0
40		0.1	0.5	1.1	1.8	2.9	4.4	5.2	5.2	4.4	2.9	1.8	1.1	0.5	0.1	
30	0.1	0.2	0.8	1.6	2.9	5.0	9.6	15.5	15.5	9.6	5.0	2.9	1.6	0.8	0.2	0.1
20		0.3	1.0	2.2	4.4	10.9	56.8	143.7	143.7	56.8	10.9	4.4	2.2	1.0	0.3	
10	0.1	0.4	1.2	2.6	5.4	22.1	182.9	1127.0	1127.0	182.9	22.1	5.4	2.6	1.2	0.4	0.1
0		0.5	1.3	2.7	5.6	25.2	201.3	1241.2	1241.2	201.3	25.2	5.6	2.7	1.3	0.5	
-10	0.2	0.5	1.4	2.7	5.2	15.1	90.3	217.7	217.7	90.3	15.1	5.2	2.7	1.4	0.5	0.2
-20		0.5	1.4	2.5	4.4	7.7	18.7	35.1	35.1	18.7	7.7	4.4	2.5	1.4	0.5	
-30	0.2	0.4	1.3	2.4	3.7	5.4	7.7	9.1	9.1	7.7	5.4	3.7	2.4	1.3	0.4	0.2
-40		0.4	1.1	2.1	3.2	4.2	5.4	6.0	6.0	5.4	4.2	3.2	2.1	1.1	0.4	
-50	0.1	0.3	0.9	1.8	2.8	3.7	4.5	5.0	5.0	4.5	3.7	2.8	1.8	0.9	0.3	0.1
-60		0.2	0.6	1.3	2.1	3.0	3.7	4.1	4.1	3.7	3.0	2.1	1.3	0.6	0.2	
-70	0.1	0.3	0.9	1.8	2.8	3.7	4.5	5.0	5.0	4.5	3.7	2.8	1.8	0.9	0.3	0.1
-80		0.2	0.6	1.3	2.1	3.0	3.7	4.1	4.1	3.7	3.0	2.1	1.3	0.6	0.2	
-90	0.1	1.0		2.7		5.0		6.0		5.0		2.7		1.0		0.1

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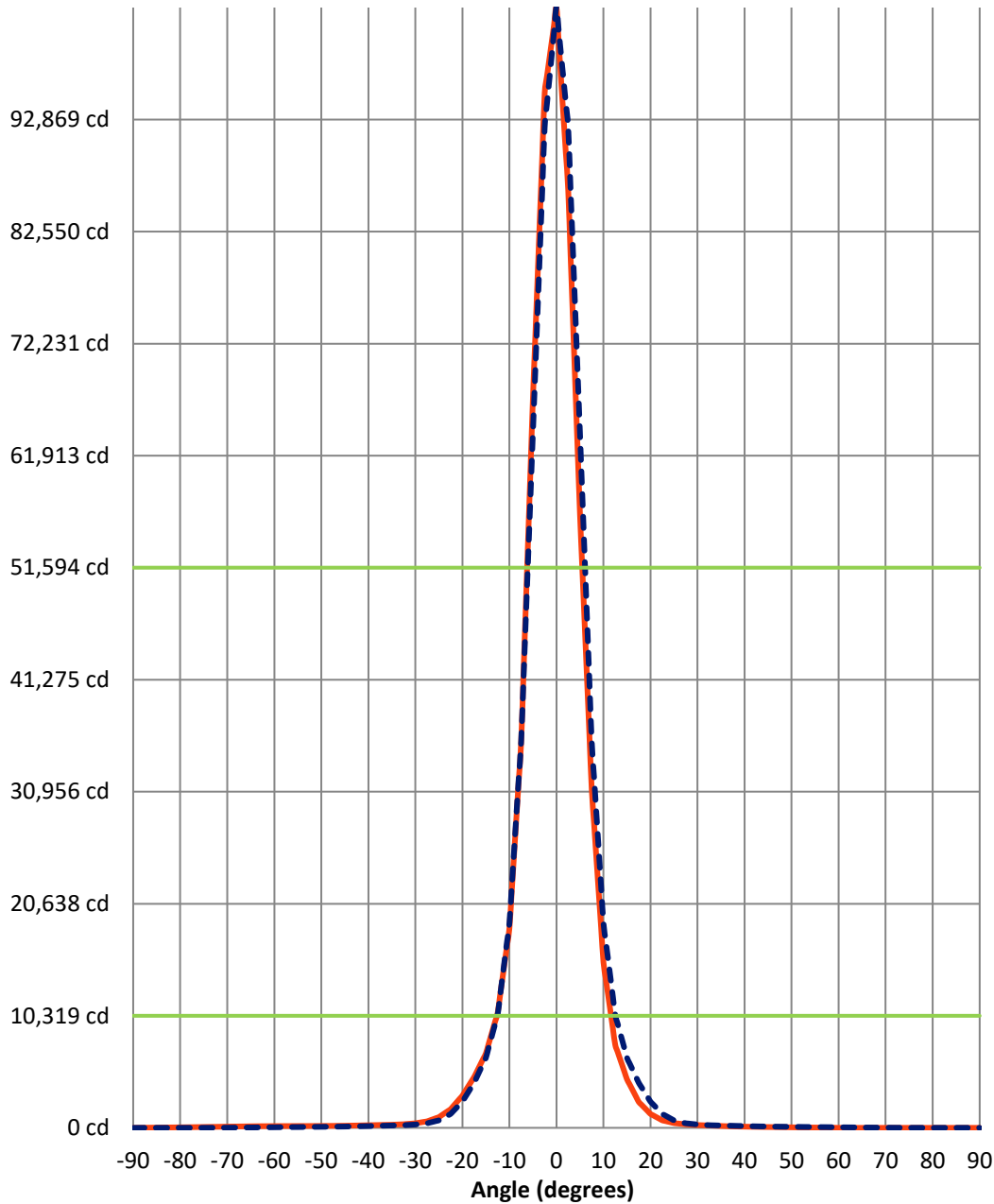
### Luminous Intensity Polar Plot



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

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### Luminous Intensity Plot



**Beam:**  
H Angle: 12.2°  
V Angle: 11.7°  
Lumens: 2254.9  
Efficiency: 31.3%

**Field:**  
H Angle: 25.1°  
V Angle: 24.3°  
Lumens: 5130.7  
Efficiency: 71.2%

**Spill:**  
Lumens: 2077  
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	1.3	1.3
85°	0.0	0.0	0.0	0.0	1.3	1.3	1.3	1.3	1.3	2.6	2.6
82.5°	0.0	0.0	0.0	0.0	1.3	1.3	1.3	1.3	2.6	2.6	2.6
80°	0.0	0.0	0.0	0.0	1.3	1.3	1.3	1.3	2.6	2.6	2.6
77.5°	0.0	0.0	0.0	0.0	1.3	1.3	1.3	1.3	1.3	1.3	2.6
75°	0.0	0.0	0.0	0.0	1.3	1.3	1.3	1.3	1.3	1.3	1.3
72.5°	0.0	0.0	0.0	0.0	1.3	1.3	1.3	1.3	1.3	1.3	1.3
70°	0.0	0.0	0.0	0.0	1.3	1.3	1.3	1.3	1.3	1.3	1.3
67.5°	0.0	0.0	0.0	0.0	1.3	1.3	1.3	1.3	1.3	1.3	1.3
65°	0.0	0.0	0.0	0.0	1.3	1.3	1.3	1.3	1.3	1.3	1.3
62.5°	0.0	0.0	0.0	0.0	1.3	1.3	1.3	1.3	1.3	1.3	1.3
60°	2.6	2.6	2.6	2.6	3.9	3.9	5.2	5.2	5.2	2.6	5.2
57.5°	20.7	20.7	19.4	18.1	16.8	15.5	15.5	15.5	15.5	15.5	12.9
55°	28.4	28.4	28.4	27.1	27.1	25.8	24.5	23.2	23.2	22.0	20.7
52.5°	33.6	33.6	33.6	33.6	32.3	32.3	32.3	31.0	28.4	28.4	27.1
50°	47.8	46.5	46.5	46.5	46.5	43.9	42.6	40.0	38.7	37.4	36.2
47.5°	62.0	62.0	60.7	60.7	59.4	56.8	54.2	51.7	49.1	47.8	45.2
45°	73.6	73.6	72.3	72.3	71.0	68.4	64.6	60.7	58.1	55.5	52.9
42.5°	90.4	89.1	87.8	86.5	83.9	80.1	74.9	69.7	65.9	62.0	59.4
40°	108.5	108.5	107.2	105.9	102.0	98.1	91.7	85.2	78.8	71.0	67.1
37.5°	130.4	131.7	133.0	133.0	130.4	125.3	116.2	108.5	98.1	87.8	82.6
35°	170.4	170.4	173.0	173.0	169.2	162.7	156.2	139.5	126.5	113.6	102.0
32.5°	214.4	215.6	210.5	206.6	201.4	193.7	182.1	167.9	153.7	136.9	124.0
30°	257.0	257.0	250.5	242.8	232.4	219.5	205.3	189.8	173.0	156.2	140.7
27.5°	324.1	317.7	312.5	299.6	281.5	257.0	238.9	214.4	192.4	173.0	156.2
25°	435.2	433.9	422.2	400.3	364.1	325.4	295.7	254.4	220.8	191.1	171.7
22.5°	692.1	683.1	656.0	601.7	516.5	449.4	388.7	324.1	263.4	223.4	192.4
20°	1279.7	1250.0	1177.7	1027.9	836.8	705.0	554.0	445.5	343.5	268.6	222.1
17.5°	2387.6	2368.2	2341.1	1995.0	1606.4	1327.4	987.8	683.1	488.1	351.2	263.4
15°	4475.6	4332.3	4032.7	3618.2	3074.5	2376.0	1747.1	1102.8	697.3	467.4	334.4
12.5°	7650.9	7492.0	6718.5	5681.6	4704.1	3709.9	2604.5	1676.1	993.0	594.0	396.4
10°	15244.9	14091.8	11926.3	8900.8	6947.1	5180.6	3656.9	2286.9	1292.6	750.2	470.0
7.5°	31224.5	27456.6	21157.7	14936.3	9667.8	6794.7	4670.6	2990.6	1722.6	938.8	537.2
5°	56593.1	49908.1	37599.6	22640.1	14038.8	8516.0	5542.2	3556.2	2038.9	1092.4	604.3
2.5°	86414.0	77766.2	54359.1	31131.5	17310.9	9848.6	6151.7	3928.1	2240.4	1197.0	656.0
0°	103187.7	92173.1	64016.7	35642.0	18869.5	10414.2	6450.0	4151.5	2410.8	1282.2	689.5
-2.5°	95319.9	86452.7	58832.1	33108.5	18031.5	10166.3	6492.6	4207.0	2439.2	1305.5	705.0
-5°	67181.6	59903.9	40707.7	24432.4	15299.1	9364.4	6125.8	3997.8	2360.5	1271.9	698.6
-7.5°	35542.6	32249.8	24141.8	17556.3	11167.0	7925.9	5515.1	3627.2	2156.4	1181.5	659.8
-10°	18363.3	17688.0	15242.3	11489.8	9036.4	6639.8	4706.7	3101.7	1802.6	1017.5	594.0
-12.5°	10587.2	10472.3	9685.9	8314.6	6929.0	5454.4	3862.2	2529.6	1504.3	843.2	501.0
-15°	6855.4	6904.5	6630.7	6060.0	5271.0	4081.7	2967.4	1881.4	1113.1	683.1	441.6
-17.5°	4678.3	4665.4	4537.6	4146.3	3511.0	2756.9	1966.6	1328.7	843.2	532.0	366.7
-20°	2959.6	2964.8	2846.0	2576.1	2108.7	1699.3	1224.1	896.2	597.9	418.4	324.1



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**CANDELA DISTRIBUTION (continued):**

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
-22.5°	1717.4	1721.3	1646.4	1494.0	1248.7	1007.2	795.4	592.7	440.3	348.6	284.1
-25°	986.5	971.0	941.3	867.7	752.8	621.1	528.1	417.1	352.5	295.7	259.5
-27.5°	597.9	587.5	572.0	539.8	494.6	428.7	386.1	337.0	299.6	266.0	244.1
-30°	417.1	421.0	408.0	391.3	370.6	340.9	317.7	294.4	269.9	249.2	228.6
-32.5°	331.9	334.4	328.0	321.5	311.2	299.6	285.4	268.6	249.2	229.8	210.5
-35°	285.4	286.7	286.7	285.4	282.8	273.8	263.4	247.9	229.8	211.8	195.0
-37.5°	262.1	263.4	263.4	262.1	258.3	250.5	240.2	227.3	210.5	193.7	180.8
-40°	237.6	238.9	237.6	235.0	231.1	223.4	215.6	205.3	192.4	178.2	166.6
-42.5°	214.4	213.1	211.8	209.2	205.3	200.1	193.7	185.9	176.9	166.6	157.5
-45°	192.4	192.4	191.1	189.8	187.2	183.4	179.5	173.0	166.6	158.8	151.1
-47.5°	180.8	180.8	179.5	178.2	176.9	174.3	170.4	165.3	160.1	153.7	147.2
-50°	173.0	173.0	173.0	171.7	170.4	167.9	164.0	160.1	155.0	148.5	142.0
-52.5°	167.9	167.9	167.9	166.6	165.3	164.0	160.1	155.0	148.5	143.3	138.2
-55°	165.3	164.0	164.0	162.7	161.4	160.1	155.0	149.8	144.6	139.5	134.3
-57.5°	161.4	160.1	160.1	158.8	157.5	156.2	151.1	145.9	140.7	134.3	130.4
-60°	157.5	156.2	156.2	153.7	152.4	151.1	145.9	140.7	135.6	130.4	125.3
-62.5°	152.4	151.1	149.8	148.5	145.9	143.3	139.5	134.3	127.8	122.7	117.5
-65°	140.7	139.5	138.2	136.9	135.6	134.3	130.4	124.0	118.8	113.6	108.5
-67.5°	126.5	126.5	126.5	124.0	122.7	120.1	117.5	112.3	107.2	102.0	98.1
-70°	109.8	109.8	109.8	107.2	105.9	104.6	100.7	96.8	93.0	89.1	83.9
-72.5°	93.0	91.7	91.7	90.4	87.8	86.5	83.9	81.4	77.5	74.9	71.0
-75°	76.2	74.9	74.9	73.6	72.3	71.0	68.4	67.1	64.6	62.0	58.1
-77.5°	60.7	60.7	60.7	59.4	58.1	56.8	55.5	54.2	52.9	50.4	47.8
-80°	46.5	46.5	46.5	46.5	46.5	46.5	46.5	45.2	42.6	41.3	40.0
-82.5°	33.6	34.9	34.9	34.9	34.9	34.9	34.9	34.9	33.6	32.3	31.0
-85°	22.0	23.2	23.2	24.5	25.8	25.8	27.1	25.8	24.5	22.0	20.7
-87.5°	11.6	11.6	11.6	11.6	11.6	11.6	11.6	10.3	10.3	10.3	9.0
-90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0





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**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°	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	2.6	2.6	2.6
85°	2.6	2.6	2.6	2.6	3.9	3.9	3.9	5.2	5.2	5.2	5.2
82.5°	2.6	3.9	3.9	3.9	5.2	5.2	6.5	7.7	10.3	11.6	11.6
80°	2.6	3.9	3.9	3.9	5.2	5.2	6.5	6.5	7.7	9.0	11.6
77.5°	2.6	2.6	3.9	3.9	3.9	5.2	5.2	6.5	6.5	7.7	9.0
75°	1.3	2.6	2.6	2.6	3.9	3.9	5.2	5.2	6.5	6.5	7.7
72.5°	1.3	2.6	2.6	2.6	3.9	3.9	5.2	5.2	5.2	6.5	6.5
70°	1.3	2.6	2.6	2.6	2.6	3.9	3.9	3.9	5.2	5.2	5.2
67.5°	1.3	1.3	1.3	2.6	2.6	2.6	2.6	3.9	3.9	3.9	5.2
65°	1.3	1.3	1.3	1.3	2.6	2.6	2.6	2.6	3.9	3.9	3.9
62.5°	1.3	1.3	1.3	2.6	2.6	2.6	2.6	2.6	3.9	3.9	3.9
60°	5.2	5.2	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9
57.5°	11.6	11.6	10.3	9.0	7.7	7.7	6.5	5.2	5.2	3.9	3.9
55°	19.4	18.1	16.8	14.2	12.9	11.6	10.3	7.7	6.5	5.2	3.9
52.5°	24.5	23.2	22.0	20.7	18.1	15.5	14.2	12.9	10.3	7.7	6.5
50°	36.2	32.3	29.7	27.1	24.5	22.0	19.4	18.1	14.2	11.6	9.0
47.5°	43.9	41.3	37.4	34.9	32.3	28.4	24.5	22.0	19.4	15.5	11.6
45°	50.4	47.8	43.9	41.3	38.7	34.9	31.0	27.1	24.5	20.7	15.5
42.5°	56.8	54.2	50.4	47.8	43.9	40.0	36.2	32.3	28.4	25.8	20.7
40°	65.9	62.0	56.8	54.2	51.7	46.5	41.3	37.4	33.6	29.7	24.5
37.5°	77.5	73.6	67.1	62.0	58.1	54.2	49.1	43.9	40.0	34.9	29.7
35°	95.6	89.1	80.1	72.3	67.1	62.0	55.5	50.4	45.2	40.0	34.9
32.5°	113.6	103.3	91.7	82.6	74.9	68.4	62.0	56.8	50.4	43.9	38.7
30°	127.8	116.2	104.6	91.7	82.6	74.9	68.4	62.0	55.5	49.1	42.6
27.5°	142.0	129.1	116.2	103.3	90.4	80.1	73.6	67.1	60.7	54.2	46.5
25°	156.2	142.0	129.1	114.9	99.4	87.8	78.8	73.6	67.1	59.4	50.4
22.5°	169.2	156.2	143.3	127.8	109.8	94.3	85.2	78.8	72.3	63.3	55.5
20°	193.7	176.9	161.4	142.0	121.4	105.9	94.3	85.2	77.5	68.4	59.4
17.5°	226.0	201.4	180.8	158.8	138.2	118.8	102.0	91.7	83.9	73.6	63.3
15°	267.3	224.7	198.9	176.9	152.4	130.4	112.3	98.1	87.8	77.5	68.4
12.5°	298.3	242.8	214.4	193.7	167.9	143.3	120.1	103.3	91.7	81.4	71.0
10°	333.2	262.1	227.3	204.0	176.9	149.8	125.3	107.2	94.3	85.2	74.9
7.5°	361.6	277.6	233.7	207.9	182.1	155.0	130.4	111.1	98.1	87.8	77.5
5°	387.4	290.5	238.9	209.2	184.7	158.8	133.0	113.6	100.7	90.4	80.1
2.5°	405.5	302.2	244.1	211.8	187.2	161.4	136.9	116.2	103.3	93.0	82.6
0°	421.0	306.0	242.8	211.8	188.5	161.4	138.2	117.5	104.6	94.3	83.9
-2.5°	426.1	312.5	249.2	214.4	191.1	164.0	140.7	118.8	105.9	95.6	86.5
-5°	426.1	307.3	249.2	216.9	192.4	165.3	140.7	120.1	107.2	96.8	86.5
-7.5°	410.6	299.6	247.9	219.5	193.7	166.6	140.7	121.4	108.5	98.1	87.8
-10°	383.5	288.0	246.6	220.8	193.7	165.3	140.7	121.4	108.5	98.1	89.1
-12.5°	339.6	272.5	240.2	218.2	191.1	162.7	139.5	121.4	108.5	99.4	89.1
-15°	317.7	259.5	232.4	210.5	184.7	158.8	136.9	120.1	108.5	99.4	90.4
-17.5°	288.0	249.2	224.7	202.7	179.5	155.0	134.3	120.1	108.5	98.1	90.4
-20°	267.3	237.6	215.6	196.3	173.0	151.1	133.0	118.8	108.5	98.1	90.4



REPORT NUMBER: P724039

CATALOG NUMBER: IFLD-S-SA2A-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°	249.2	224.7	205.3	185.9	165.3	145.9	130.4	117.5	107.2	98.1	90.4
-25°	235.0	213.1	195.0	176.9	158.8	142.0	127.8	116.2	105.9	98.1	89.1
-27.5°	222.1	201.4	184.7	167.9	151.1	138.2	125.3	114.9	105.9	96.8	87.8
-30°	207.9	191.1	174.3	158.8	147.2	134.3	122.7	112.3	104.6	95.6	86.5
-32.5°	193.7	178.2	164.0	152.4	142.0	131.7	121.4	111.1	102.0	93.0	83.9
-35°	180.8	166.6	156.2	145.9	138.2	129.1	118.8	108.5	100.7	91.7	83.9
-37.5°	167.9	157.5	148.5	140.7	133.0	125.3	114.9	105.9	98.1	89.1	80.1
-40°	157.5	149.8	143.3	136.9	129.1	120.1	112.3	103.3	95.6	86.5	76.2
-42.5°	151.1	144.6	138.2	131.7	125.3	117.5	109.8	100.7	93.0	83.9	73.6
-45°	144.6	139.5	134.3	129.1	122.7	114.9	105.9	96.8	89.1	80.1	72.3
-47.5°	140.7	135.6	130.4	126.5	121.4	111.1	103.3	94.3	85.2	77.5	68.4
-50°	136.9	131.7	127.8	122.7	116.2	107.2	99.4	90.4	82.6	73.6	65.9
-52.5°	133.0	127.8	122.7	117.5	111.1	103.3	95.6	87.8	78.8	69.7	62.0
-55°	129.1	124.0	118.8	113.6	107.2	100.7	93.0	82.6	73.6	64.6	56.8
-57.5°	125.3	121.4	114.9	108.5	102.0	95.6	86.5	77.5	68.4	59.4	52.9
-60°	120.1	114.9	109.8	102.0	95.6	87.8	80.1	72.3	63.3	55.5	49.1
-62.5°	112.3	107.2	102.0	94.3	87.8	81.4	74.9	65.9	59.4	51.7	45.2
-65°	103.3	98.1	93.0	86.5	80.1	73.6	68.4	60.7	54.2	47.8	42.6
-67.5°	93.0	87.8	83.9	77.5	72.3	65.9	60.7	54.2	47.8	42.6	37.4
-70°	80.1	76.2	72.3	67.1	62.0	56.8	51.7	46.5	41.3	37.4	32.3
-72.5°	68.4	64.6	60.7	56.8	52.9	47.8	43.9	40.0	36.2	32.3	29.7
-75°	55.5	52.9	50.4	47.8	43.9	40.0	37.4	33.6	31.0	28.4	27.1
-77.5°	46.5	43.9	41.3	38.7	36.2	33.6	31.0	28.4	27.1	25.8	24.5
-80°	37.4	36.2	34.9	32.3	31.0	28.4	27.1	24.5	24.5	24.5	24.5
-82.5°	29.7	28.4	27.1	25.8	24.5	23.2	23.2	22.0	23.2	23.2	22.0
-85°	20.7	19.4	18.1	18.1	16.8	16.8	15.5	15.5	15.5	14.2	14.2
-87.5°	9.0	9.0	9.0	9.0	7.7	7.7	7.7	7.7	7.7	6.5	6.5
-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: P724039  
 CATALOG NUMBER: IFLD-S-SA2A-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°	2.6	2.6	1.3	1.3	1.3	1.3	1.3	1.3	1.3	0.0	0.0
85°	5.2	5.2	3.9	3.9	3.9	2.6	2.6	1.3	1.3	1.3	1.3
82.5°	11.6	10.3	9.0	7.7	6.5	5.2	3.9	2.6	2.6	1.3	1.3
80°	14.2	14.2	14.2	12.9	10.3	7.7	5.2	3.9	2.6	1.3	1.3
77.5°	10.3	10.3	11.6	12.9	12.9	10.3	6.5	3.9	2.6	2.6	1.3
75°	7.7	7.7	7.7	9.0	10.3	10.3	7.7	5.2	2.6	2.6	1.3
72.5°	7.7	7.7	7.7	7.7	7.7	7.7	7.7	5.2	3.9	2.6	2.6
70°	6.5	6.5	6.5	6.5	6.5	6.5	6.5	5.2	3.9	2.6	2.6
67.5°	5.2	5.2	6.5	6.5	6.5	5.2	5.2	5.2	3.9	2.6	2.6
65°	3.9	5.2	5.2	6.5	5.2	5.2	5.2	3.9	3.9	2.6	2.6
62.5°	3.9	3.9	5.2	5.2	5.2	5.2	3.9	3.9	3.9	2.6	2.6
60°	3.9	3.9	3.9	5.2	3.9	3.9	3.9	3.9	3.9	2.6	2.6
57.5°	3.9	3.9	3.9	3.9	3.9	3.9	3.9	2.6	2.6	2.6	2.6
55°	3.9	3.9	3.9	3.9	3.9	3.9	2.6	2.6	2.6	2.6	2.6
52.5°	5.2	3.9	3.9	3.9	3.9	3.9	2.6	2.6	2.6	2.6	2.6
50°	6.5	3.9	3.9	3.9	3.9	2.6	2.6	2.6	2.6	2.6	2.6
47.5°	9.0	6.5	5.2	3.9	3.9	2.6	2.6	2.6	2.6	2.6	1.3
45°	12.9	9.0	6.5	5.2	3.9	2.6	2.6	2.6	2.6	2.6	1.3
42.5°	15.5	11.6	7.7	6.5	5.2	3.9	2.6	2.6	2.6	1.3	1.3
40°	19.4	15.5	10.3	7.7	5.2	3.9	2.6	2.6	2.6	1.3	1.3
37.5°	24.5	19.4	12.9	9.0	6.5	3.9	3.9	2.6	2.6	1.3	1.3
35°	28.4	22.0	16.8	10.3	7.7	5.2	3.9	2.6	2.6	1.3	1.3
32.5°	32.3	25.8	20.7	12.9	9.0	6.5	5.2	2.6	2.6	1.3	1.3
30°	36.2	29.7	23.2	16.8	11.6	7.7	5.2	2.6	2.6	1.3	1.3
27.5°	40.0	32.3	25.8	19.4	12.9	9.0	6.5	3.9	2.6	1.3	1.3
25°	43.9	36.2	28.4	22.0	14.2	10.3	6.5	3.9	2.6	2.6	1.3
22.5°	46.5	40.0	32.3	24.5	16.8	11.6	7.7	5.2	2.6	2.6	1.3
20°	50.4	43.9	34.9	27.1	19.4	12.9	7.7	5.2	2.6	2.6	1.3
17.5°	54.2	46.5	37.4	29.7	22.0	14.2	9.0	6.5	2.6	2.6	1.3
15°	58.1	49.1	40.0	31.0	23.2	15.5	9.0	6.5	2.6	2.6	1.3
12.5°	62.0	52.9	42.6	33.6	24.5	16.8	10.3	7.7	3.9	2.6	1.3
10°	64.6	55.5	45.2	34.9	25.8	19.4	11.6	7.7	3.9	2.6	1.3
7.5°	68.4	58.1	47.8	37.4	27.1	20.7	12.9	7.7	3.9	2.6	1.3
5°	69.7	60.7	49.1	40.0	28.4	22.0	14.2	9.0	3.9	2.6	1.3
2.5°	71.0	63.3	50.4	41.3	29.7	22.0	14.2	9.0	5.2	2.6	1.3
0°	72.3	64.6	51.7	42.6	31.0	23.2	15.5	9.0	5.2	2.6	1.3
-2.5°	73.6	65.9	54.2	43.9	32.3	24.5	16.8	9.0	5.2	2.6	1.3
-5°	74.9	65.9	56.8	45.2	33.6	24.5	16.8	10.3	6.5	2.6	1.3
-7.5°	76.2	67.1	58.1	46.5	34.9	24.5	18.1	10.3	6.5	3.9	1.3
-10°	77.5	68.4	59.4	47.8	34.9	25.8	18.1	10.3	6.5	3.9	1.3
-12.5°	78.8	69.7	59.4	47.8	36.2	25.8	18.1	11.6	6.5	3.9	1.3
-15°	80.1	69.7	59.4	47.8	36.2	27.1	19.4	11.6	6.5	3.9	2.6
-17.5°	80.1	69.7	59.4	49.1	36.2	27.1	19.4	11.6	6.5	3.9	2.6
-20°	80.1	69.7	59.4	49.1	36.2	27.1	19.4	11.6	6.5	3.9	2.6



REPORT NUMBER: P724039

CATALOG NUMBER: IFLD-S-SA2A-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°	78.8	68.4	59.4	47.8	36.2	27.1	19.4	11.6	7.7	3.9	2.6
-25°	78.8	68.4	59.4	47.8	36.2	27.1	18.1	11.6	7.7	3.9	2.6
-27.5°	77.5	68.4	58.1	46.5	34.9	25.8	18.1	11.6	7.7	3.9	2.6
-30°	76.2	67.1	56.8	45.2	34.9	25.8	18.1	11.6	7.7	3.9	2.6
-32.5°	74.9	64.6	55.5	43.9	33.6	24.5	18.1	11.6	7.7	3.9	2.6
-35°	72.3	63.3	52.9	42.6	32.3	24.5	16.8	11.6	7.7	5.2	2.6
-37.5°	69.7	60.7	51.7	41.3	31.0	23.2	16.8	11.6	7.7	5.2	2.6
-40°	67.1	59.4	49.1	38.7	29.7	22.0	16.8	11.6	7.7	5.2	3.9
-42.5°	64.6	56.8	47.8	37.4	29.7	22.0	15.5	11.6	7.7	5.2	3.9
-45°	63.3	55.5	45.2	36.2	28.4	22.0	15.5	10.3	7.7	5.2	3.9
-47.5°	60.7	51.7	42.6	34.9	27.1	20.7	14.2	10.3	7.7	5.2	3.9
-50°	56.8	49.1	41.3	33.6	25.8	19.4	14.2	10.3	7.7	5.2	3.9
-52.5°	52.9	45.2	38.7	31.0	24.5	19.4	14.2	10.3	7.7	5.2	3.9
-55°	49.1	42.6	36.2	29.7	23.2	18.1	12.9	10.3	7.7	5.2	3.9
-57.5°	46.5	40.0	33.6	27.1	22.0	16.8	12.9	9.0	6.5	5.2	3.9
-60°	43.9	37.4	31.0	25.8	20.7	16.8	12.9	9.0	6.5	5.2	2.6
-62.5°	40.0	34.9	28.4	24.5	19.4	15.5	11.6	9.0	6.5	5.2	2.6
-65°	36.2	31.0	25.8	22.0	18.1	14.2	11.6	9.0	6.5	5.2	2.6
-67.5°	32.3	28.4	24.5	20.7	16.8	14.2	11.6	9.0	6.5	3.9	2.6
-70°	29.7	25.8	22.0	19.4	16.8	12.9	11.6	9.0	6.5	3.9	2.6
-72.5°	25.8	23.2	20.7	18.1	15.5	14.2	11.6	9.0	5.2	3.9	2.6
-75°	24.5	22.0	19.4	18.1	16.8	14.2	11.6	7.7	5.2	3.9	2.6
-77.5°	24.5	22.0	20.7	19.4	16.8	14.2	10.3	6.5	3.9	3.9	2.6
-80°	24.5	23.2	22.0	18.1	15.5	11.6	7.7	6.5	3.9	2.6	1.3
-82.5°	22.0	18.1	15.5	12.9	11.6	9.0	6.5	5.2	2.6	2.6	1.3
-85°	14.2	11.6	10.3	9.0	7.7	6.5	3.9	2.6	2.6	1.3	1.3
-87.5°	6.5	6.5	5.2	3.9	3.9	2.6	2.6	1.3	1.3	1.3	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: P724039  
 CATALOG NUMBER: IFLD-S-SA2A-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°	1.3	0.0	0.0	0.0
77.5°	1.3	0.0	0.0	0.0
75°	1.3	1.3	0.0	0.0
72.5°	1.3	1.3	0.0	0.0
70°	1.3	1.3	0.0	0.0
67.5°	1.3	1.3	0.0	0.0
65°	1.3	1.3	0.0	0.0
62.5°	1.3	1.3	0.0	0.0
60°	1.3	1.3	0.0	0.0
57.5°	1.3	1.3	1.3	0.0
55°	1.3	1.3	1.3	0.0
52.5°	1.3	1.3	1.3	0.0
50°	1.3	1.3	1.3	0.0
47.5°	1.3	1.3	1.3	0.0
45°	1.3	1.3	1.3	0.0
42.5°	1.3	1.3	1.3	0.0
40°	1.3	1.3	1.3	0.0
37.5°	1.3	1.3	1.3	0.0
35°	1.3	1.3	1.3	0.0
32.5°	1.3	1.3	1.3	0.0
30°	1.3	1.3	1.3	0.0
27.5°	1.3	1.3	1.3	0.0
25°	1.3	1.3	1.3	0.0
22.5°	1.3	1.3	1.3	0.0
20°	1.3	1.3	1.3	0.0
17.5°	1.3	1.3	1.3	0.0
15°	1.3	1.3	1.3	0.0
12.5°	1.3	1.3	1.3	0.0
10°	1.3	1.3	1.3	0.0
7.5°	1.3	1.3	1.3	0.0
5°	1.3	1.3	1.3	0.0
2.5°	1.3	1.3	1.3	0.0
0°	1.3	1.3	1.3	0.0
-2.5°	1.3	1.3	1.3	0.0
-5°	1.3	1.3	1.3	0.0
-7.5°	1.3	1.3	1.3	0.0
-10°	1.3	1.3	1.3	0.0
-12.5°	1.3	1.3	1.3	0.0
-15°	1.3	1.3	1.3	0.0
-17.5°	1.3	1.3	1.3	0.0
-20°	1.3	1.3	1.3	0.0



REPORT NUMBER: P724039

CATALOG NUMBER: IFLD-S-SA2A-727-U-22-VI

**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°
-22.5°	1.3	1.3	1.3	0.0
-25°	1.3	1.3	1.3	0.0
-27.5°	1.3	1.3	1.3	0.0
-30°	1.3	1.3	1.3	0.0
-32.5°	1.3	1.3	1.3	0.0
-35°	1.3	1.3	1.3	0.0
-37.5°	1.3	1.3	1.3	0.0
-40°	1.3	1.3	1.3	0.0
-42.5°	1.3	1.3	1.3	0.0
-45°	1.3	1.3	1.3	0.0
-47.5°	1.3	1.3	1.3	0.0
-50°	1.3	1.3	1.3	0.0
-52.5°	1.3	1.3	1.3	0.0
-55°	1.3	1.3	1.3	0.0
-57.5°	1.3	1.3	1.3	0.0
-60°	1.3	1.3	0.0	0.0
-62.5°	1.3	1.3	0.0	0.0
-65°	1.3	1.3	0.0	0.0
-67.5°	1.3	1.3	0.0	0.0
-70°	1.3	1.3	0.0	0.0
-72.5°	1.3	1.3	0.0	0.0
-75°	1.3	1.3	0.0	0.0
-77.5°	1.3	0.0	0.0	0.0
-80°	1.3	0.0	0.0	0.0
-82.5°	1.3	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)