

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: P724242

Luminaire Tested: **IFLD-S-SA2A-830-U-22-VI**

Issue Date: 01/11/2023

**Test Information**

Test Method: LM-79-2019  
Report Number: P724242  
Test Lab: INNOVATION CENTER(G2)  
Issue Date: 01/11/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: IFLD-S-SA2A-830-U-22-VI  
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 2 distribution lens and Visor  
Light Source: (32) 3000K CCT, 80 CRI LEDs  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

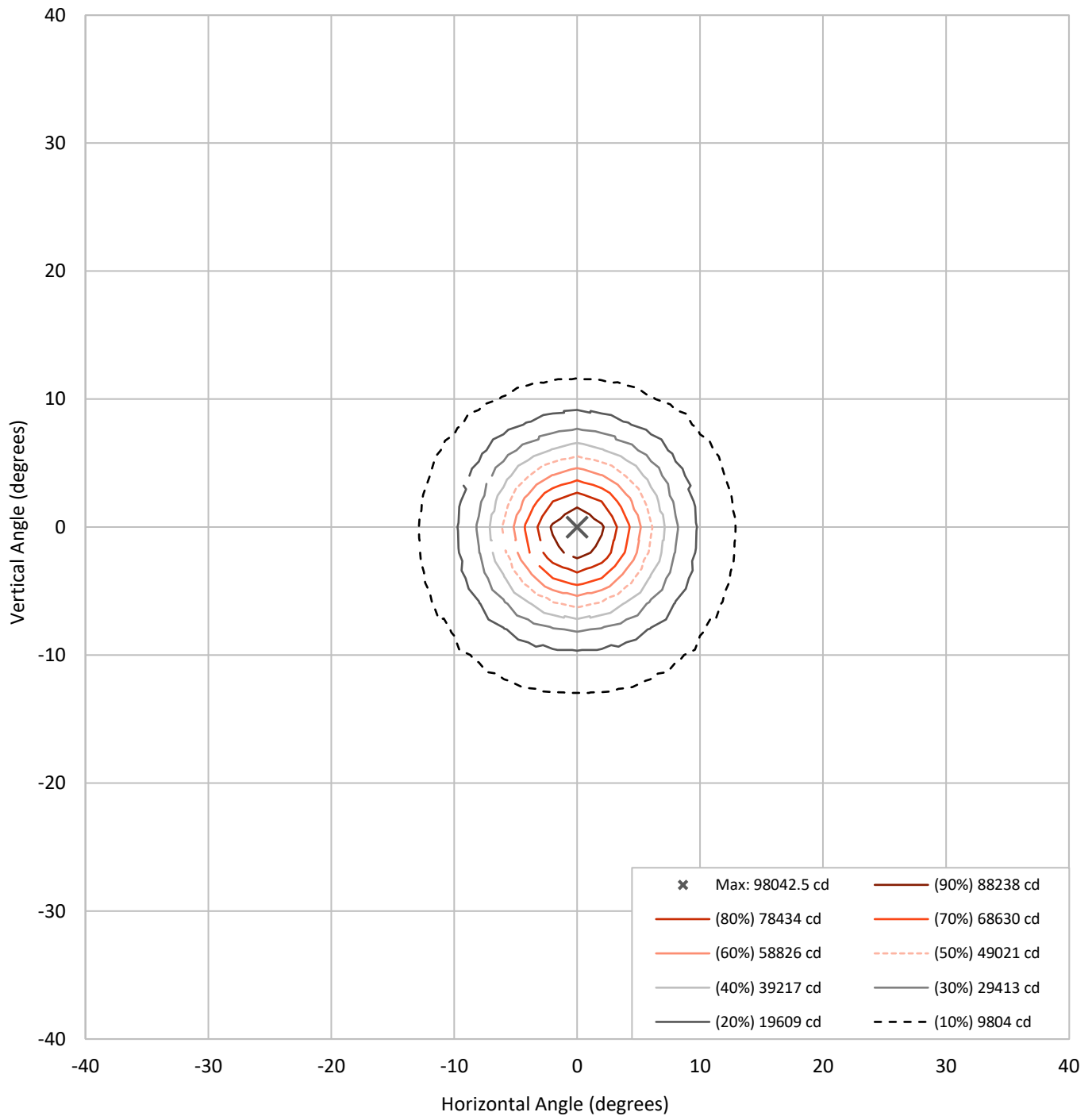
Lumens per Lamp: N/A	NEMA Type: 2H x 2V
Luminaire Lumens: 6848.3 lumens	Max Intensity: 98042.5 candela
Efficiency: N/A	Max Intensity Angle: 0°H x 0°V
Efficacy: 107.3 lumens/watt	
Luminous Opening: Rectangular (W 1' x L: 0.5' x H: 0')	
Beam Angle (50%): 12.2°H x 11.7°V	Field Angle (10%): 25.1°H x 24.3°V
Beam Lumens: 2142.5 lumens	Field Lumens: 4874.9 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





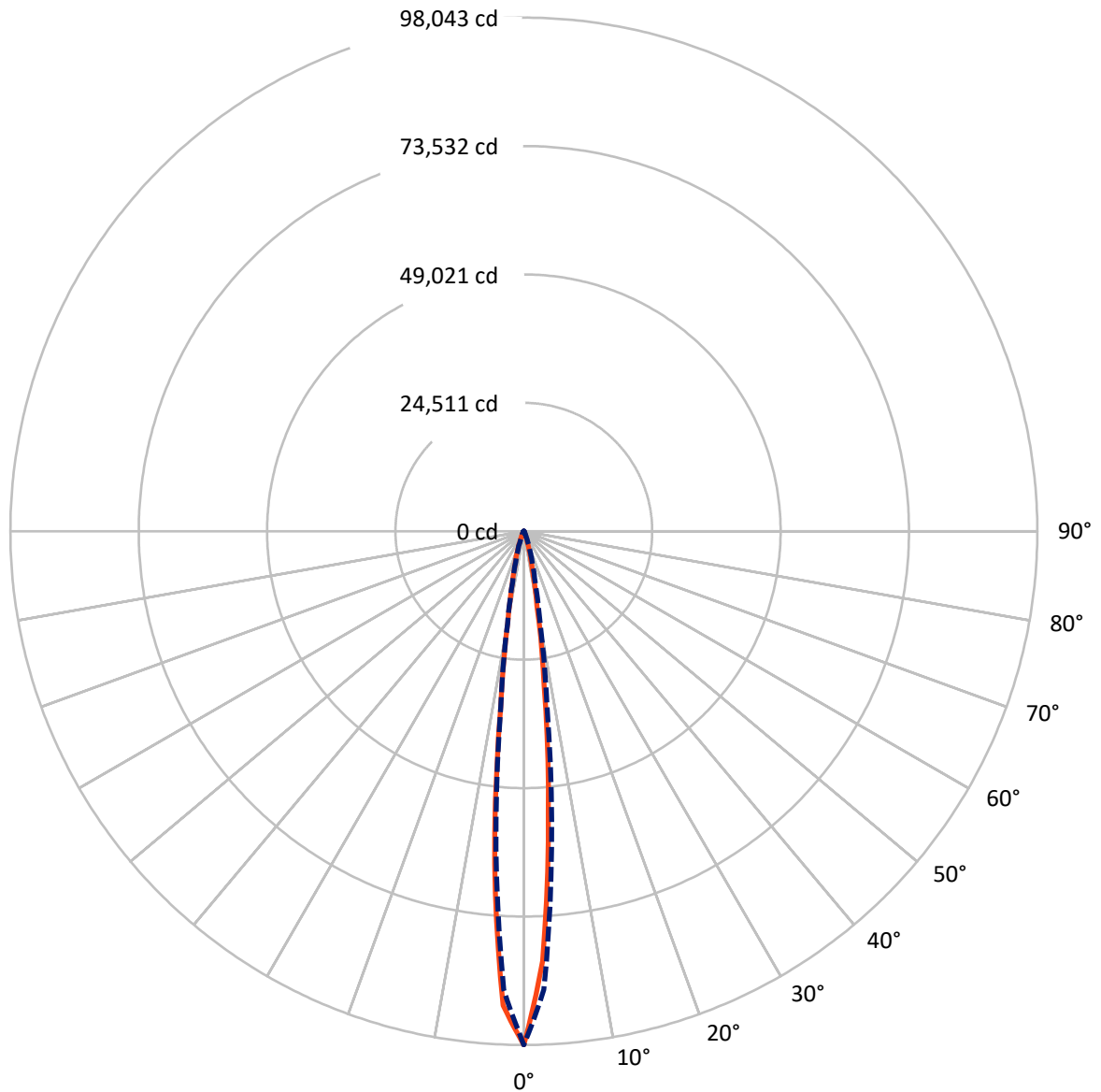
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### Lumen Table

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	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1		
60		0.0	0.1	0.2	0.4	0.5	0.7	0.8	0.8	0.7	0.5	0.4	0.2	0.1	0.0				
50	0.0	0.1	0.2	0.6	1.0	1.4	1.8	2.1	2.1	1.8	1.4	1.0	0.6	0.2	0.1	0.0			
40		0.1	0.5	1.0	1.7	2.8	4.2	5.0	5.0	4.2	2.8	1.7	1.0	0.5	0.1				
30	0.1	0.2	0.7	1.5	2.8	4.7	9.1	14.7	14.7	9.1	4.7	2.8	1.5	0.7	0.2	0.1			
20		0.3	1.0	2.1	4.2	10.3	54.0	136.5	136.5	54.0	10.3	4.2	2.1	1.0	0.3				
10	0.1	0.4	1.2	2.4	5.1	21.0	173.8	1070.8	1070.8	173.8	21.0	5.1	2.4	1.2	0.4	0.1			
0		0.4	1.3	2.6	5.3	23.9	191.2	1179.3	1179.3	191.2	23.9	5.3	2.6	1.3	0.4				
-10	0.1	0.5	1.3	2.5	5.0	14.3	85.8	206.8	206.8	85.8	14.3	5.0	2.5	1.3	0.5	0.1			
-20		0.5	1.3	2.4	4.2	7.3	17.7	33.3	33.3	17.7	7.3	4.2	2.4	1.3	0.5				
-30	0.1	0.4	1.2	2.2	3.5	5.2	7.3	8.6	8.6	7.3	5.2	3.5	2.2	1.2	0.4	0.1			
-40		0.4	1.1	2.0	3.0	4.0	5.1	5.7	5.7	5.1	4.0	3.0	2.0	1.1	0.4				
-50	0.1	0.3	0.8	1.7	2.7	3.5	4.3	4.7	4.7	4.3	3.5	2.7	1.7	0.8	0.3	0.1			
-60		0.2	0.6	1.2	2.0	2.8	3.5	3.9	3.9	3.5	2.8	2.0	1.2	0.6	0.2				
-70	0.1	0.3	0.8	1.7	2.7	3.5	4.3	4.7	4.7	4.3	3.5	2.7	1.7	0.8	0.3	0.1			
-80		0.2	0.6	1.2	2.0	2.8	3.5	3.9	3.9	3.5	2.8	2.0	1.2	0.6	0.2				
-90	0.1	0.9	2.6	4.7	5.7	4.7	2.6	0.9	0.1										
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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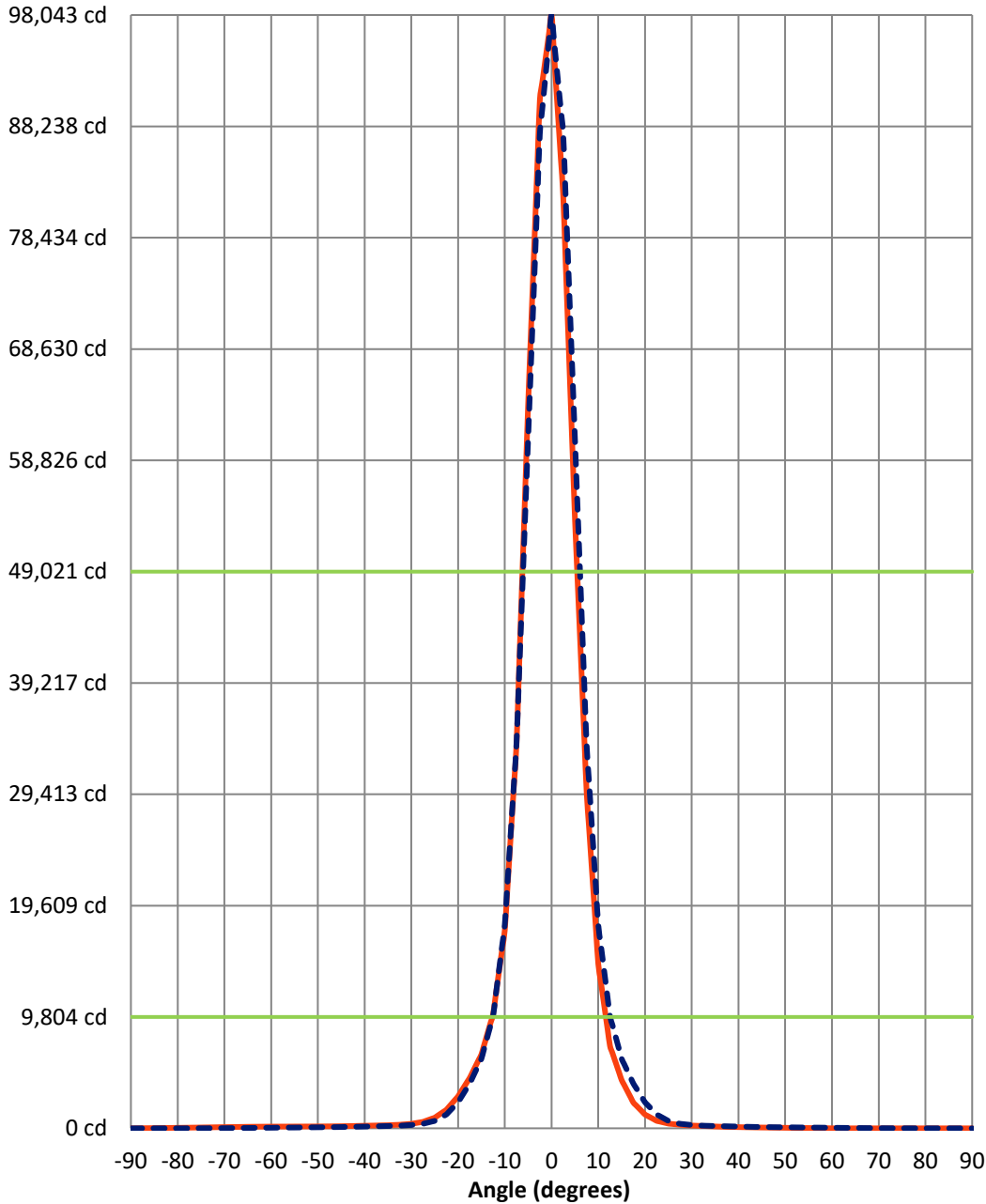
### Luminous Intensity Polar Plot



— 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: 2142.5  
Efficiency: 31.3%

**Field:**  
H Angle: 25.1°  
V Angle: 24.3°  
Lumens: 4874.9  
Efficiency: 71.2%

**Spill:**  
Lumens: 1973.4  
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	1.2	1.2
85°	0.0	0.0	0.0	0.0	1.2	1.2	1.2	1.2	1.2	2.5	2.5
82.5°	0.0	0.0	0.0	0.0	1.2	1.2	1.2	1.2	2.5	2.5	2.5
80°	0.0	0.0	0.0	0.0	1.2	1.2	1.2	1.2	2.5	2.5	2.5
77.5°	0.0	0.0	0.0	0.0	1.2	1.2	1.2	1.2	1.2	1.2	2.5
75°	0.0	0.0	0.0	0.0	1.2	1.2	1.2	1.2	1.2	1.2	1.2
72.5°	0.0	0.0	0.0	0.0	1.2	1.2	1.2	1.2	1.2	1.2	1.2
70°	0.0	0.0	0.0	0.0	1.2	1.2	1.2	1.2	1.2	1.2	1.2
67.5°	0.0	0.0	0.0	0.0	1.2	1.2	1.2	1.2	1.2	1.2	1.2
65°	0.0	0.0	0.0	0.0	1.2	1.2	1.2	1.2	1.2	1.2	1.2
62.5°	0.0	0.0	0.0	0.0	1.2	1.2	1.2	1.2	1.2	1.2	1.2
60°	2.5	2.5	2.5	2.5	3.7	3.7	4.9	4.9	4.9	2.5	4.9
57.5°	19.6	19.6	18.4	17.2	15.9	14.7	14.7	14.7	14.7	14.7	12.3
55°	27.0	27.0	27.0	25.8	25.8	24.5	23.3	22.1	22.1	20.9	19.6
52.5°	31.9	31.9	31.9	31.9	30.7	30.7	30.7	29.4	27.0	27.0	25.8
50°	45.4	44.2	44.2	44.2	44.2	41.7	40.5	38.0	36.8	35.6	34.4
47.5°	58.9	58.9	57.7	57.7	56.4	54.0	51.5	49.1	46.6	45.4	42.9
45°	69.9	69.9	68.7	68.7	67.5	65.0	61.3	57.7	55.2	52.8	50.3
42.5°	85.9	84.7	83.4	82.2	79.7	76.1	71.2	66.3	62.6	58.9	56.4
40°	103.1	103.1	101.8	100.6	96.9	93.2	87.1	81.0	74.8	67.5	63.8
37.5°	123.9	125.1	126.4	126.4	123.9	119.0	110.4	103.1	93.2	83.4	78.5
35°	162.0	162.0	164.4	164.4	160.7	154.6	148.5	132.5	120.2	108.0	96.9
32.5°	203.7	204.9	200.0	196.3	191.4	184.0	173.0	159.5	146.0	130.1	117.8
30°	244.2	244.2	238.0	230.7	220.8	208.6	195.1	180.4	164.4	148.5	133.7
27.5°	308.0	301.8	296.9	284.6	267.5	244.2	227.0	203.7	182.8	164.4	148.5
25°	413.5	412.2	401.2	380.3	346.0	309.2	281.0	241.7	209.8	181.6	163.2
22.5°	657.6	649.0	623.3	571.7	490.8	427.0	369.3	308.0	250.3	212.3	182.8
20°	1215.9	1187.6	1118.9	976.6	795.0	669.9	526.3	423.3	326.4	255.2	211.0
17.5°	2268.5	2250.1	2224.4	1895.6	1526.3	1261.2	938.6	649.0	463.8	333.7	250.3
15°	4252.4	4116.2	3831.6	3437.8	2921.2	2257.5	1660.0	1047.8	662.5	444.1	317.8
12.5°	7269.4	7118.5	6383.5	5398.3	4469.6	3524.9	2474.7	1592.5	943.5	564.4	376.7
10°	14484.7	13389.1	11331.6	8457.0	6600.7	4922.3	3474.6	2172.8	1228.1	712.8	446.6
7.5°	29667.6	26087.5	20102.7	14191.5	9185.8	6455.9	4437.7	2841.5	1636.7	892.0	510.4
5°	53771.2	47419.6	35724.8	21511.2	13338.8	8091.4	5265.8	3378.9	1937.3	1038.0	574.2
2.5°	82105.1	73888.6	51648.7	29579.2	16447.8	9357.5	5844.9	3732.2	2128.7	1137.3	623.3
0°	98042.5	87577.1	60824.6	33864.8	17928.6	9894.9	6128.3	3944.5	2290.6	1218.3	655.2
-2.5°	90567.0	82141.9	55898.6	31457.6	17132.4	9659.4	6168.8	3997.2	2317.6	1240.4	669.9
-5°	63831.7	56917.0	38677.9	23214.1	14536.3	8897.5	5820.4	3798.5	2242.8	1208.5	663.8
-7.5°	33770.3	30641.7	22938.1	16680.9	10610.2	7530.7	5240.1	3446.4	2048.9	1122.6	626.9
-10°	17447.7	16806.0	14482.3	10916.9	8585.8	6308.7	4472.0	2947.0	1712.7	966.8	564.4
-12.5°	10059.3	9950.1	9203.0	7900.0	6583.5	5182.4	3669.6	2403.5	1429.3	801.2	476.0
-15°	6513.6	6560.2	6300.1	5757.8	5008.2	3878.2	2819.4	1787.6	1057.6	649.0	419.6
-17.5°	4445.0	4432.8	4311.3	3939.6	3335.9	2619.4	1868.6	1262.5	801.2	505.5	348.4
-20°	2812.0	2817.0	2704.1	2447.7	2003.5	1614.6	1163.1	851.5	568.1	397.5	308.0



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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°	1631.8	1635.5	1564.3	1419.5	1186.4	957.0	755.8	563.1	418.4	331.3	269.9
-25°	937.3	922.6	894.4	824.5	715.3	590.1	501.8	396.3	334.9	281.0	246.6
-27.5°	568.1	558.2	543.5	512.8	469.9	407.3	366.8	320.2	284.6	252.7	231.9
-30°	396.3	400.0	387.7	371.7	352.1	323.9	301.8	279.7	256.4	236.8	217.2
-32.5°	315.3	317.8	311.6	305.5	295.7	284.6	271.1	255.2	236.8	218.4	200.0
-35°	271.1	272.4	272.4	271.1	268.7	260.1	250.3	235.6	218.4	201.2	185.3
-37.5°	249.1	250.3	250.3	249.1	245.4	238.0	228.2	215.9	200.0	184.0	171.8
-40°	225.7	227.0	225.7	223.3	219.6	212.3	204.9	195.1	182.8	169.3	158.3
-42.5°	203.7	202.4	201.2	198.8	195.1	190.2	184.0	176.7	168.1	158.3	149.7
-45°	182.8	182.8	181.6	180.4	177.9	174.2	170.5	164.4	158.3	150.9	143.5
-47.5°	171.8	171.8	170.5	169.3	168.1	165.6	162.0	157.0	152.1	146.0	139.9
-50°	164.4	164.4	164.4	163.2	162.0	159.5	155.8	152.1	147.2	141.1	135.0
-52.5°	159.5	159.5	159.5	158.3	157.0	155.8	152.1	147.2	141.1	136.2	131.3
-55°	157.0	155.8	155.8	154.6	153.4	152.1	147.2	142.3	137.4	132.5	127.6
-57.5°	153.4	152.1	152.1	150.9	149.7	148.5	143.5	138.6	133.7	127.6	123.9
-60°	149.7	148.5	148.5	146.0	144.8	143.5	138.6	133.7	128.8	123.9	119.0
-62.5°	144.8	143.5	142.3	141.1	138.6	136.2	132.5	127.6	121.5	116.6	111.6
-65°	133.7	132.5	131.3	130.1	128.8	127.6	123.9	117.8	112.9	108.0	103.1
-67.5°	120.2	120.2	120.2	117.8	116.6	114.1	111.6	106.7	101.8	96.9	93.2
-70°	104.3	104.3	104.3	101.8	100.6	99.4	95.7	92.0	88.3	84.7	79.7
-72.5°	88.3	87.1	87.1	85.9	83.4	82.2	79.7	77.3	73.6	71.2	67.5
-75°	72.4	71.2	71.2	69.9	68.7	67.5	65.0	63.8	61.3	58.9	55.2
-77.5°	57.7	57.7	57.7	56.4	55.2	54.0	52.8	51.5	50.3	47.8	45.4
-80°	44.2	44.2	44.2	44.2	44.2	44.2	44.2	42.9	40.5	39.3	38.0
-82.5°	31.9	33.1	33.1	33.1	33.1	33.1	33.1	33.1	31.9	30.7	29.4
-85°	20.9	22.1	22.1	23.3	24.5	24.5	25.8	24.5	23.3	20.9	19.6
-87.5°	11.0	11.0	11.0	11.0	11.0	11.0	11.0	9.8	9.8	9.8	8.6
-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°	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	2.5	2.5	2.5
85°	2.5	2.5	2.5	2.5	3.7	3.7	3.7	4.9	4.9	4.9	4.9
82.5°	2.5	3.7	3.7	3.7	4.9	4.9	6.1	7.4	9.8	11.0	11.0
80°	2.5	3.7	3.7	3.7	4.9	4.9	6.1	6.1	7.4	8.6	11.0
77.5°	2.5	2.5	3.7	3.7	3.7	4.9	4.9	6.1	6.1	7.4	8.6
75°	1.2	2.5	2.5	2.5	3.7	3.7	4.9	4.9	6.1	6.1	7.4
72.5°	1.2	2.5	2.5	2.5	3.7	3.7	4.9	4.9	4.9	6.1	6.1
70°	1.2	2.5	2.5	2.5	2.5	3.7	3.7	3.7	4.9	4.9	4.9
67.5°	1.2	1.2	1.2	2.5	2.5	2.5	2.5	3.7	3.7	3.7	4.9
65°	1.2	1.2	1.2	1.2	2.5	2.5	2.5	2.5	3.7	3.7	3.7
62.5°	1.2	1.2	1.2	2.5	2.5	2.5	2.5	2.5	3.7	3.7	3.7
60°	4.9	4.9	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7
57.5°	11.0	11.0	9.8	8.6	7.4	7.4	6.1	4.9	4.9	3.7	3.7
55°	18.4	17.2	15.9	13.5	12.3	11.0	9.8	7.4	6.1	4.9	3.7
52.5°	23.3	22.1	20.9	19.6	17.2	14.7	13.5	12.3	9.8	7.4	6.1
50°	34.4	30.7	28.2	25.8	23.3	20.9	18.4	17.2	13.5	11.0	8.6
47.5°	41.7	39.3	35.6	33.1	30.7	27.0	23.3	20.9	18.4	14.7	11.0
45°	47.8	45.4	41.7	39.3	36.8	33.1	29.4	25.8	23.3	19.6	14.7
42.5°	54.0	51.5	47.8	45.4	41.7	38.0	34.4	30.7	27.0	24.5	19.6
40°	62.6	58.9	54.0	51.5	49.1	44.2	39.3	35.6	31.9	28.2	23.3
37.5°	73.6	69.9	63.8	58.9	55.2	51.5	46.6	41.7	38.0	33.1	28.2
35°	90.8	84.7	76.1	68.7	63.8	58.9	52.8	47.8	42.9	38.0	33.1
32.5°	108.0	98.2	87.1	78.5	71.2	65.0	58.9	54.0	47.8	41.7	36.8
30°	121.5	110.4	99.4	87.1	78.5	71.2	65.0	58.9	52.8	46.6	40.5
27.5°	135.0	122.7	110.4	98.2	85.9	76.1	69.9	63.8	57.7	51.5	44.2
25°	148.5	135.0	122.7	109.2	94.5	83.4	74.8	69.9	63.8	56.4	47.8
22.5°	160.7	148.5	136.2	121.5	104.3	89.6	81.0	74.8	68.7	60.1	52.8
20°	184.0	168.1	153.4	135.0	115.3	100.6	89.6	81.0	73.6	65.0	56.4
17.5°	214.7	191.4	171.8	150.9	131.3	112.9	96.9	87.1	79.7	69.9	60.1
15°	254.0	213.5	188.9	168.1	144.8	123.9	106.7	93.2	83.4	73.6	65.0
12.5°	283.4	230.7	203.7	184.0	159.5	136.2	114.1	98.2	87.1	77.3	67.5
10°	316.5	249.1	215.9	193.8	168.1	142.3	119.0	101.8	89.6	81.0	71.2
7.5°	343.5	263.8	222.1	197.5	173.0	147.2	123.9	105.5	93.2	83.4	73.6
5°	368.1	276.1	227.0	198.8	175.4	150.9	126.4	108.0	95.7	85.9	76.1
2.5°	385.2	287.1	231.9	201.2	177.9	153.4	130.1	110.4	98.2	88.3	78.5
0°	400.0	290.8	230.7	201.2	179.1	153.4	131.3	111.6	99.4	89.6	79.7
-2.5°	404.9	296.9	236.8	203.7	181.6	155.8	133.7	112.9	100.6	90.8	82.2
-5°	404.9	292.0	236.8	206.1	182.8	157.0	133.7	114.1	101.8	92.0	82.2
-7.5°	390.2	284.6	235.6	208.6	184.0	158.3	133.7	115.3	103.1	93.2	83.4
-10°	364.4	273.6	234.3	209.8	184.0	157.0	133.7	115.3	103.1	93.2	84.7
-12.5°	322.7	258.9	228.2	207.3	181.6	154.6	132.5	115.3	103.1	94.5	84.7
-15°	301.8	246.6	220.8	200.0	175.4	150.9	130.1	114.1	103.1	94.5	85.9
-17.5°	273.6	236.8	213.5	192.6	170.5	147.2	127.6	114.1	103.1	93.2	85.9
-20°	254.0	225.7	204.9	186.5	164.4	143.5	126.4	112.9	103.1	93.2	85.9



REPORT NUMBER: P724242

CATALOG NUMBER: IFLD-S-SA2A-830-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°	236.8	213.5	195.1	176.7	157.0	138.6	123.9	111.6	101.8	93.2	85.9
-25°	223.3	202.4	185.3	168.1	150.9	135.0	121.5	110.4	100.6	93.2	84.7
-27.5°	211.0	191.4	175.4	159.5	143.5	131.3	119.0	109.2	100.6	92.0	83.4
-30°	197.5	181.6	165.6	150.9	139.9	127.6	116.6	106.7	99.4	90.8	82.2
-32.5°	184.0	169.3	155.8	144.8	135.0	125.1	115.3	105.5	96.9	88.3	79.7
-35°	171.8	158.3	148.5	138.6	131.3	122.7	112.9	103.1	95.7	87.1	79.7
-37.5°	159.5	149.7	141.1	133.7	126.4	119.0	109.2	100.6	93.2	84.7	76.1
-40°	149.7	142.3	136.2	130.1	122.7	114.1	106.7	98.2	90.8	82.2	72.4
-42.5°	143.5	137.4	131.3	125.1	119.0	111.6	104.3	95.7	88.3	79.7	69.9
-45°	137.4	132.5	127.6	122.7	116.6	109.2	100.6	92.0	84.7	76.1	68.7
-47.5°	133.7	128.8	123.9	120.2	115.3	105.5	98.2	89.6	81.0	73.6	65.0
-50°	130.1	125.1	121.5	116.6	110.4	101.8	94.5	85.9	78.5	69.9	62.6
-52.5°	126.4	121.5	116.6	111.6	105.5	98.2	90.8	83.4	74.8	66.3	58.9
-55°	122.7	117.8	112.9	108.0	101.8	95.7	88.3	78.5	69.9	61.3	54.0
-57.5°	119.0	115.3	109.2	103.1	96.9	90.8	82.2	73.6	65.0	56.4	50.3
-60°	114.1	109.2	104.3	96.9	90.8	83.4	76.1	68.7	60.1	52.8	46.6
-62.5°	106.7	101.8	96.9	89.6	83.4	77.3	71.2	62.6	56.4	49.1	42.9
-65°	98.2	93.2	88.3	82.2	76.1	69.9	65.0	57.7	51.5	45.4	40.5
-67.5°	88.3	83.4	79.7	73.6	68.7	62.6	57.7	51.5	45.4	40.5	35.6
-70°	76.1	72.4	68.7	63.8	58.9	54.0	49.1	44.2	39.3	35.6	30.7
-72.5°	65.0	61.3	57.7	54.0	50.3	45.4	41.7	38.0	34.4	30.7	28.2
-75°	52.8	50.3	47.8	45.4	41.7	38.0	35.6	31.9	29.4	27.0	25.8
-77.5°	44.2	41.7	39.3	36.8	34.4	31.9	29.4	27.0	25.8	24.5	23.3
-80°	35.6	34.4	33.1	30.7	29.4	27.0	25.8	23.3	23.3	23.3	23.3
-82.5°	28.2	27.0	25.8	24.5	23.3	22.1	22.1	20.9	22.1	22.1	20.9
-85°	19.6	18.4	17.2	17.2	15.9	15.9	14.7	14.7	14.7	13.5	13.5
-87.5°	8.6	8.6	8.6	8.6	7.4	7.4	7.4	7.4	7.4	6.1	6.1
-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: P724242  
 CATALOG NUMBER: IFLD-S-SA2A-830-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°	2.5	2.5	1.2	1.2	1.2	1.2	1.2	1.2	1.2	0.0	0.0
85°	4.9	4.9	3.7	3.7	3.7	2.5	2.5	1.2	1.2	1.2	1.2
82.5°	11.0	9.8	8.6	7.4	6.1	4.9	3.7	2.5	2.5	1.2	1.2
80°	13.5	13.5	13.5	12.3	9.8	7.4	4.9	3.7	2.5	1.2	1.2
77.5°	9.8	9.8	11.0	12.3	12.3	9.8	6.1	3.7	2.5	2.5	1.2
75°	7.4	7.4	7.4	8.6	9.8	9.8	7.4	4.9	2.5	2.5	1.2
72.5°	7.4	7.4	7.4	7.4	7.4	7.4	7.4	4.9	3.7	2.5	2.5
70°	6.1	6.1	6.1	6.1	6.1	6.1	6.1	4.9	3.7	2.5	2.5
67.5°	4.9	4.9	6.1	6.1	6.1	4.9	4.9	4.9	3.7	2.5	2.5
65°	3.7	4.9	4.9	6.1	4.9	4.9	4.9	3.7	3.7	2.5	2.5
62.5°	3.7	3.7	4.9	4.9	4.9	4.9	3.7	3.7	3.7	2.5	2.5
60°	3.7	3.7	3.7	4.9	3.7	3.7	3.7	3.7	3.7	2.5	2.5
57.5°	3.7	3.7	3.7	3.7	3.7	3.7	3.7	2.5	2.5	2.5	2.5
55°	3.7	3.7	3.7	3.7	3.7	3.7	2.5	2.5	2.5	2.5	2.5
52.5°	4.9	3.7	3.7	3.7	3.7	3.7	2.5	2.5	2.5	2.5	2.5
50°	6.1	3.7	3.7	3.7	3.7	2.5	2.5	2.5	2.5	2.5	2.5
47.5°	8.6	6.1	4.9	3.7	3.7	2.5	2.5	2.5	2.5	2.5	1.2
45°	12.3	8.6	6.1	4.9	3.7	2.5	2.5	2.5	2.5	2.5	1.2
42.5°	14.7	11.0	7.4	6.1	4.9	3.7	2.5	2.5	2.5	1.2	1.2
40°	18.4	14.7	9.8	7.4	4.9	3.7	2.5	2.5	2.5	1.2	1.2
37.5°	23.3	18.4	12.3	8.6	6.1	3.7	3.7	2.5	2.5	1.2	1.2
35°	27.0	20.9	15.9	9.8	7.4	4.9	3.7	2.5	2.5	1.2	1.2
32.5°	30.7	24.5	19.6	12.3	8.6	6.1	4.9	2.5	2.5	1.2	1.2
30°	34.4	28.2	22.1	15.9	11.0	7.4	4.9	2.5	2.5	1.2	1.2
27.5°	38.0	30.7	24.5	18.4	12.3	8.6	6.1	3.7	2.5	1.2	1.2
25°	41.7	34.4	27.0	20.9	13.5	9.8	6.1	3.7	2.5	2.5	1.2
22.5°	44.2	38.0	30.7	23.3	15.9	11.0	7.4	4.9	2.5	2.5	1.2
20°	47.8	41.7	33.1	25.8	18.4	12.3	7.4	4.9	2.5	2.5	1.2
17.5°	51.5	44.2	35.6	28.2	20.9	13.5	8.6	6.1	2.5	2.5	1.2
15°	55.2	46.6	38.0	29.4	22.1	14.7	8.6	6.1	2.5	2.5	1.2
12.5°	58.9	50.3	40.5	31.9	23.3	15.9	9.8	7.4	3.7	2.5	1.2
10°	61.3	52.8	42.9	33.1	24.5	18.4	11.0	7.4	3.7	2.5	1.2
7.5°	65.0	55.2	45.4	35.6	25.8	19.6	12.3	7.4	3.7	2.5	1.2
5°	66.3	57.7	46.6	38.0	27.0	20.9	13.5	8.6	3.7	2.5	1.2
2.5°	67.5	60.1	47.8	39.3	28.2	20.9	13.5	8.6	4.9	2.5	1.2
0°	68.7	61.3	49.1	40.5	29.4	22.1	14.7	8.6	4.9	2.5	1.2
-2.5°	69.9	62.6	51.5	41.7	30.7	23.3	15.9	8.6	4.9	2.5	1.2
-5°	71.2	62.6	54.0	42.9	31.9	23.3	15.9	9.8	6.1	2.5	1.2
-7.5°	72.4	63.8	55.2	44.2	33.1	23.3	17.2	9.8	6.1	3.7	1.2
-10°	73.6	65.0	56.4	45.4	33.1	24.5	17.2	9.8	6.1	3.7	1.2
-12.5°	74.8	66.3	56.4	45.4	34.4	24.5	17.2	11.0	6.1	3.7	1.2
-15°	76.1	66.3	56.4	45.4	34.4	25.8	18.4	11.0	6.1	3.7	2.5
-17.5°	76.1	66.3	56.4	46.6	34.4	25.8	18.4	11.0	6.1	3.7	2.5
-20°	76.1	66.3	56.4	46.6	34.4	25.8	18.4	11.0	6.1	3.7	2.5



REPORT NUMBER: P724242

CATALOG NUMBER: IFLD-S-SA2A-830-U-22-VI

**CANDELA DISTRIBUTION (continued):**

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	74.8	65.0	56.4	45.4	34.4	25.8	18.4	11.0	7.4	3.7	2.5
-25°	74.8	65.0	56.4	45.4	34.4	25.8	17.2	11.0	7.4	3.7	2.5
-27.5°	73.6	65.0	55.2	44.2	33.1	24.5	17.2	11.0	7.4	3.7	2.5
-30°	72.4	63.8	54.0	42.9	33.1	24.5	17.2	11.0	7.4	3.7	2.5
-32.5°	71.2	61.3	52.8	41.7	31.9	23.3	17.2	11.0	7.4	3.7	2.5
-35°	68.7	60.1	50.3	40.5	30.7	23.3	15.9	11.0	7.4	4.9	2.5
-37.5°	66.3	57.7	49.1	39.3	29.4	22.1	15.9	11.0	7.4	4.9	2.5
-40°	63.8	56.4	46.6	36.8	28.2	20.9	15.9	11.0	7.4	4.9	3.7
-42.5°	61.3	54.0	45.4	35.6	28.2	20.9	14.7	11.0	7.4	4.9	3.7
-45°	60.1	52.8	42.9	34.4	27.0	20.9	14.7	9.8	7.4	4.9	3.7
-47.5°	57.7	49.1	40.5	33.1	25.8	19.6	13.5	9.8	7.4	4.9	3.7
-50°	54.0	46.6	39.3	31.9	24.5	18.4	13.5	9.8	7.4	4.9	3.7
-52.5°	50.3	42.9	36.8	29.4	23.3	18.4	13.5	9.8	7.4	4.9	3.7
-55°	46.6	40.5	34.4	28.2	22.1	17.2	12.3	9.8	7.4	4.9	3.7
-57.5°	44.2	38.0	31.9	25.8	20.9	15.9	12.3	8.6	6.1	4.9	3.7
-60°	41.7	35.6	29.4	24.5	19.6	15.9	12.3	8.6	6.1	4.9	2.5
-62.5°	38.0	33.1	27.0	23.3	18.4	14.7	11.0	8.6	6.1	4.9	2.5
-65°	34.4	29.4	24.5	20.9	17.2	13.5	11.0	8.6	6.1	4.9	2.5
-67.5°	30.7	27.0	23.3	19.6	15.9	13.5	11.0	8.6	6.1	3.7	2.5
-70°	28.2	24.5	20.9	18.4	15.9	12.3	11.0	8.6	6.1	3.7	2.5
-72.5°	24.5	22.1	19.6	17.2	14.7	13.5	11.0	8.6	4.9	3.7	2.5
-75°	23.3	20.9	18.4	17.2	15.9	13.5	11.0	7.4	4.9	3.7	2.5
-77.5°	23.3	20.9	19.6	18.4	15.9	13.5	9.8	6.1	3.7	3.7	2.5
-80°	23.3	22.1	20.9	17.2	14.7	11.0	7.4	6.1	3.7	2.5	1.2
-82.5°	20.9	17.2	14.7	12.3	11.0	8.6	6.1	4.9	2.5	2.5	1.2
-85°	13.5	11.0	9.8	8.6	7.4	6.1	3.7	2.5	2.5	1.2	1.2
-87.5°	6.1	6.1	4.9	3.7	3.7	2.5	2.5	1.2	1.2	1.2	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: P724242  
 CATALOG NUMBER: IFLD-S-SA2A-830-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°	1.2	0.0	0.0	0.0
77.5°	1.2	0.0	0.0	0.0
75°	1.2	1.2	0.0	0.0
72.5°	1.2	1.2	0.0	0.0
70°	1.2	1.2	0.0	0.0
67.5°	1.2	1.2	0.0	0.0
65°	1.2	1.2	0.0	0.0
62.5°	1.2	1.2	0.0	0.0
60°	1.2	1.2	0.0	0.0
57.5°	1.2	1.2	1.2	0.0
55°	1.2	1.2	1.2	0.0
52.5°	1.2	1.2	1.2	0.0
50°	1.2	1.2	1.2	0.0
47.5°	1.2	1.2	1.2	0.0
45°	1.2	1.2	1.2	0.0
42.5°	1.2	1.2	1.2	0.0
40°	1.2	1.2	1.2	0.0
37.5°	1.2	1.2	1.2	0.0
35°	1.2	1.2	1.2	0.0
32.5°	1.2	1.2	1.2	0.0
30°	1.2	1.2	1.2	0.0
27.5°	1.2	1.2	1.2	0.0
25°	1.2	1.2	1.2	0.0
22.5°	1.2	1.2	1.2	0.0
20°	1.2	1.2	1.2	0.0
17.5°	1.2	1.2	1.2	0.0
15°	1.2	1.2	1.2	0.0
12.5°	1.2	1.2	1.2	0.0
10°	1.2	1.2	1.2	0.0
7.5°	1.2	1.2	1.2	0.0
5°	1.2	1.2	1.2	0.0
2.5°	1.2	1.2	1.2	0.0
0°	1.2	1.2	1.2	0.0
-2.5°	1.2	1.2	1.2	0.0
-5°	1.2	1.2	1.2	0.0
-7.5°	1.2	1.2	1.2	0.0
-10°	1.2	1.2	1.2	0.0
-12.5°	1.2	1.2	1.2	0.0
-15°	1.2	1.2	1.2	0.0
-17.5°	1.2	1.2	1.2	0.0
-20°	1.2	1.2	1.2	0.0



REPORT NUMBER: P724242

CATALOG NUMBER: IFLD-S-SA2A-830-U-22-VI

**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°
-22.5°	1.2	1.2	1.2	0.0
-25°	1.2	1.2	1.2	0.0
-27.5°	1.2	1.2	1.2	0.0
-30°	1.2	1.2	1.2	0.0
-32.5°	1.2	1.2	1.2	0.0
-35°	1.2	1.2	1.2	0.0
-37.5°	1.2	1.2	1.2	0.0
-40°	1.2	1.2	1.2	0.0
-42.5°	1.2	1.2	1.2	0.0
-45°	1.2	1.2	1.2	0.0
-47.5°	1.2	1.2	1.2	0.0
-50°	1.2	1.2	1.2	0.0
-52.5°	1.2	1.2	1.2	0.0
-55°	1.2	1.2	1.2	0.0
-57.5°	1.2	1.2	1.2	0.0
-60°	1.2	1.2	0.0	0.0
-62.5°	1.2	1.2	0.0	0.0
-65°	1.2	1.2	0.0	0.0
-67.5°	1.2	1.2	0.0	0.0
-70°	1.2	1.2	0.0	0.0
-72.5°	1.2	1.2	0.0	0.0
-75°	1.2	1.2	0.0	0.0
-77.5°	1.2	0.0	0.0	0.0
-80°	1.2	0.0	0.0	0.0
-82.5°	1.2	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)