

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: P724248

Luminaire Tested: **IFLD-S-SA3B-830-U-22-VI**

Issue Date: 01/11/2023

**Test Information**

Test Method: LM-79-2019  
Report Number: P724248  
Test Lab: INNOVATION CENTER(G2)  
Issue Date: 01/11/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: IFLD-S-SA3B-830-U-22-VI  
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 2 distribution lens and Visor  
Light Source: (48) 3000K CCT, 80 CRI LEDs  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

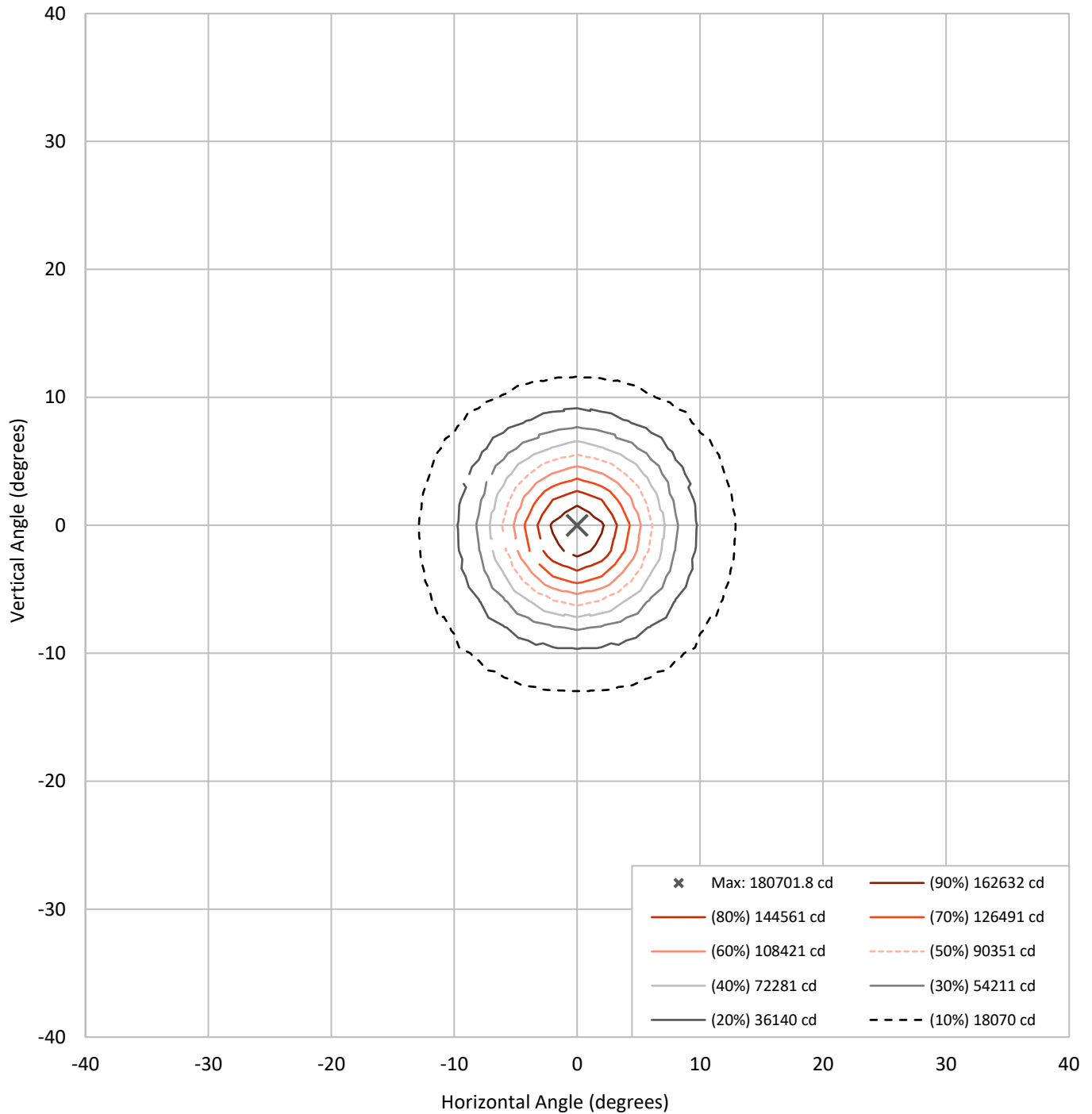
Lumens per Lamp:	N/A	NEMA Type:	2H x 2V
Luminaire Lumens:	12622.1 lumens	Max Intensity:	180701.8 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	103.1 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	12.2°H x 11.7°V	Field Angle (10%):	25.1°H x 24.3°V
Beam Lumens:	3948.8 lumens	Field Lumens:	8984.9 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: P724248  
CATALOG NUMBER: IFLD-S-SA3B-830-U-22-VI

### Iso-Candela Plot





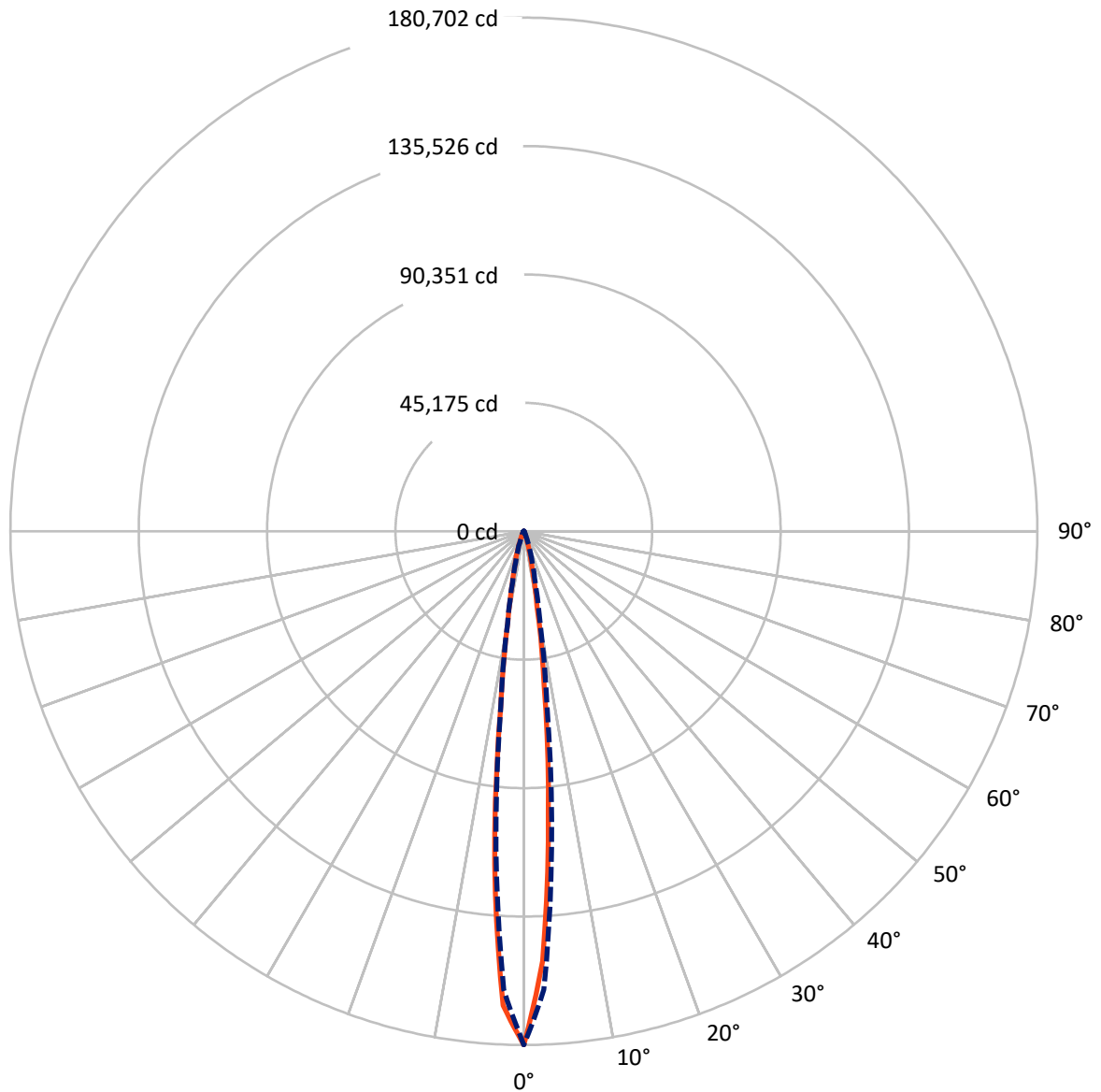
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 CATALOG NUMBER: IFLD-S-SA3B-830-U-22-VI

### Lumen Table

90	0.1	0.8	0.6	0.3	0.0	0.3	0.6	0.8	0.1										
80	0.1	0.8	0.6	0.3	0.0	0.3	0.6	0.8	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			
60		0.1	0.1	0.3	0.7	1.0	1.2	1.4	1.4	1.2	1.0	0.7	0.3	0.1	0.1				
50	0.1	0.1	0.4	1.0	1.8	2.5	3.4	4.0	4.0	3.4	2.5	1.8	1.0	0.4	0.1	0.1			
40		0.2	0.9	1.9	3.2	5.1	7.7	9.2	9.2	7.7	5.1	3.2	1.9	0.9	0.2				
30	0.1	0.4	1.4	2.8	5.1	8.7	16.8	27.2	27.2	16.8	8.7	5.1	2.8	1.4	0.4	0.1			
20		0.6	1.8	3.8	7.7	19.0	99.4	251.6	251.6	99.4	19.0	7.7	3.8	1.8	0.6				
10	0.2	0.7	2.2	4.5	9.4	38.7	320.3	1973.6	1973.6	320.3	38.7	9.4	4.5	2.2	0.7	0.2			
0		0.8	2.4	4.7	9.8	44.1	352.4	2173.5	2173.5	352.4	44.1	9.8	4.7	2.4	0.8				
-10	0.3	0.9	2.5	4.7	9.2	26.4	158.2	381.2	381.2	158.2	26.4	9.2	4.7	2.5	0.9	0.3			
-20		0.9	2.4	4.5	7.8	13.5	32.7	61.4	61.4	32.7	13.5	7.8	4.5	2.4	0.9				
-30	0.3	0.8	2.2	4.1	6.5	9.5	13.5	15.8	15.8	13.5	9.5	6.5	4.1	2.2	0.8	0.3			
-40		0.7	1.9	3.7	5.6	7.4	9.4	10.4	10.4	9.4	7.4	5.6	3.7	1.9	0.7				
-50	0.2	0.6	1.5	3.1	4.9	6.5	8.0	8.7	8.7	8.0	6.5	4.9	3.1	1.5	0.6	0.2			
-60		0.4	1.1	2.3	3.8	5.2	6.5	7.2	7.2	6.5	5.2	3.8	2.3	1.1	0.4				
-70	0.1	0.6	1.5	3.1	4.9	6.5	8.0	8.7	8.7	8.0	6.5	4.9	3.1	1.5	0.6	0.1			
-80		0.4	1.1	2.3	3.8	5.2	6.5	7.2	7.2	6.5	5.2	3.8	2.3	1.1	0.4				
-90	0.1	1.7	4.7	8.7	10.5	8.7	4.7	1.7	0.1										
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

REPORT NUMBER: P724248  
CATALOG NUMBER: IFLD-S-SA3B-830-U-22-VI

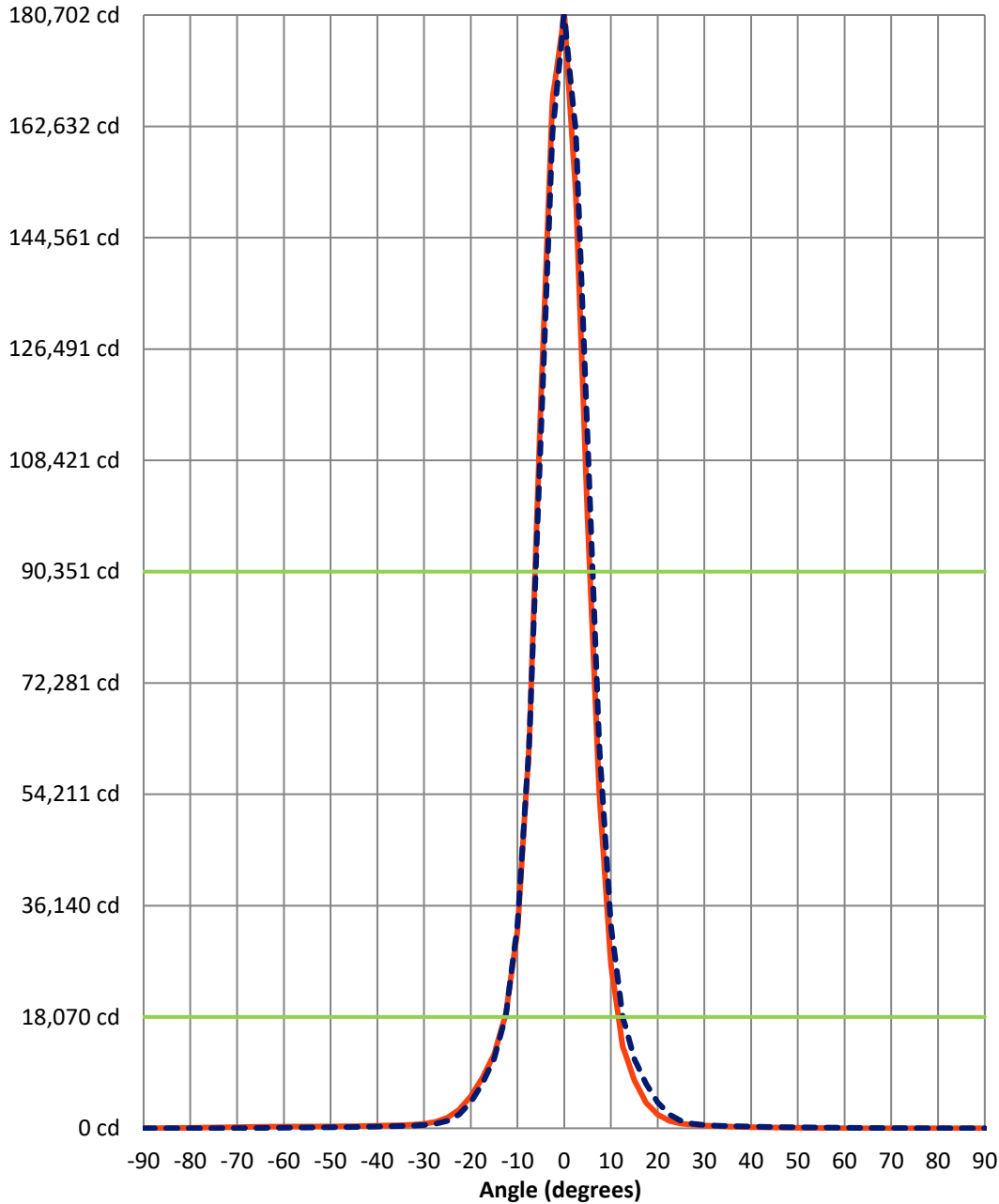
### Luminous Intensity Polar Plot



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

REPORT NUMBER: P724248  
CATALOG NUMBER: IFLD-S-SA3B-830-U-22-VI

### Luminous Intensity Plot



**Beam:**  
H Angle: 12.2°  
V Angle: 11.7°  
Lumens: 3948.8  
Efficiency: 31.3%

**Field:**  
H Angle: 25.1°  
V Angle: 24.3°  
Lumens: 8984.9  
Efficiency: 71.2%

**Spill:**  
Lumens: 3637.2  
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	2.3	2.3
85°	0.0	0.0	0.0	0.0	2.3	2.3	2.3	2.3	2.3	4.5	4.5
82.5°	0.0	0.0	0.0	0.0	2.3	2.3	2.3	2.3	4.5	4.5	4.5
80°	0.0	0.0	0.0	0.0	2.3	2.3	2.3	2.3	4.5	4.5	4.5
77.5°	0.0	0.0	0.0	0.0	2.3	2.3	2.3	2.3	2.3	2.3	4.5
75°	0.0	0.0	0.0	0.0	2.3	2.3	2.3	2.3	2.3	2.3	2.3
72.5°	0.0	0.0	0.0	0.0	2.3	2.3	2.3	2.3	2.3	2.3	2.3
70°	0.0	0.0	0.0	0.0	2.3	2.3	2.3	2.3	2.3	2.3	2.3
67.5°	0.0	0.0	0.0	0.0	2.3	2.3	2.3	2.3	2.3	2.3	2.3
65°	0.0	0.0	0.0	0.0	2.3	2.3	2.3	2.3	2.3	2.3	2.3
62.5°	0.0	0.0	0.0	0.0	2.3	2.3	2.3	2.3	2.3	2.3	2.3
60°	4.5	4.5	4.5	4.5	6.8	6.8	9.0	9.0	9.0	4.5	9.0
57.5°	36.2	36.2	33.9	31.7	29.4	27.1	27.1	27.1	27.1	27.1	22.6
55°	49.7	49.7	49.7	47.5	47.5	45.2	43.0	40.7	40.7	38.4	36.2
52.5°	58.8	58.8	58.8	58.8	56.5	56.5	56.5	54.3	49.7	49.7	47.5
50°	83.7	81.4	81.4	81.4	81.4	76.9	74.6	70.1	67.8	65.6	63.3
47.5°	108.5	108.5	106.3	106.3	104.0	99.5	95.0	90.5	85.9	83.7	79.1
45°	128.9	128.9	126.6	126.6	124.4	119.8	113.1	106.3	101.8	97.2	92.7
42.5°	158.3	156.0	153.8	151.5	147.0	140.2	131.2	122.1	115.3	108.5	104.0
40°	189.9	189.9	187.7	185.4	178.6	171.9	160.6	149.2	137.9	124.4	117.6
37.5°	228.4	230.7	232.9	232.9	228.4	219.3	203.5	189.9	171.9	153.8	144.7
35°	298.5	298.5	303.0	303.0	296.2	284.9	273.6	244.2	221.6	199.0	178.6
32.5°	375.4	377.6	368.6	361.8	352.8	339.2	318.8	294.0	269.1	239.7	217.1
30°	450.0	450.0	438.7	425.1	407.0	384.4	359.5	332.4	303.0	273.6	246.5
27.5°	567.6	556.3	547.2	524.6	493.0	450.0	418.3	375.4	336.9	303.0	273.6
25°	762.1	759.8	739.4	701.0	637.7	569.8	517.8	445.5	386.7	334.7	300.8
22.5°	1212.1	1196.2	1148.7	1053.8	904.5	786.9	680.6	567.6	461.3	391.2	336.9
20°	2240.9	2188.9	2062.3	1800.0	1465.3	1234.7	970.1	780.1	601.5	470.3	388.9
17.5°	4181.1	4147.2	4099.7	3493.7	2813.0	2324.6	1729.9	1196.2	854.8	615.1	461.3
15°	7837.6	7586.6	7062.0	6336.1	5384.1	4160.8	3059.5	1931.1	1221.1	818.6	585.7
12.5°	13398.1	13120.0	11765.5	9949.7	8237.9	6496.7	4561.0	2935.2	1738.9	1040.2	694.2
10°	26696.8	24677.4	20885.3	15587.1	12165.7	9072.3	6404.0	4004.7	2263.5	1313.8	823.1
7.5°	54680.2	48081.8	37051.2	26156.3	16930.3	11898.9	8179.1	5237.1	3016.6	1644.0	940.7
5°	99105.5	87398.8	65844.2	39647.2	24584.7	14913.2	9705.4	6227.6	3570.6	1913.0	1058.3
2.5°	151327.6	136183.8	95193.4	54517.4	30314.8	17246.8	10772.8	6878.8	3923.3	2096.2	1148.7
0°	180701.8	161413.0	112105.6	62416.1	33044.2	18237.3	11295.1	7270.0	4221.8	2245.5	1207.5
-2.5°	166923.7	151395.5	103026.5	57979.4	31576.6	17803.1	11369.8	7367.3	4271.6	2286.2	1234.7
-5°	117648.0	104903.4	71287.1	42785.8	26791.7	16398.9	10727.5	7000.9	4133.6	2227.4	1223.4
-7.5°	62241.9	56475.7	42277.0	30744.5	19555.6	13879.8	9658.0	6352.0	3776.4	2069.1	1155.5
-10°	32157.8	30975.1	26692.2	20120.9	15824.5	11627.5	8242.4	5431.6	3156.8	1781.9	1040.2
-12.5°	18540.3	18339.0	16961.9	14560.4	12134.1	9551.7	6763.5	4429.9	2634.4	1476.6	877.4
-15°	12005.2	12091.1	11611.7	10612.2	9230.6	7147.9	5196.4	3294.7	1949.2	1196.2	773.4
-17.5°	8192.6	8170.0	7946.2	7261.0	6148.4	4827.8	3443.9	2326.9	1476.6	931.7	642.2
-20°	5182.9	5191.9	4983.9	4511.3	3692.7	2975.9	2143.7	1569.3	1047.0	732.7	567.6



REPORT NUMBER: P724248

CATALOG NUMBER: IFLD-S-SA3B-830-U-22-VI

**CANDELA DISTRIBUTION (continued):**

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
-22.5°	3007.5	3014.3	2883.1	2616.3	2186.7	1763.8	1393.0	1037.9	771.1	610.5	497.5
-25°	1727.6	1700.5	1648.5	1519.6	1318.3	1087.7	924.9	730.4	617.3	517.8	454.5
-27.5°	1047.0	1028.9	1001.8	945.2	866.1	750.7	676.1	590.2	524.6	465.8	427.4
-30°	730.4	737.2	714.6	685.2	649.0	597.0	556.3	515.6	472.6	436.4	400.2
-32.5°	581.2	585.7	574.4	563.1	545.0	524.6	499.7	470.3	436.4	402.5	368.6
-35°	499.7	502.0	502.0	499.7	495.2	479.4	461.3	434.2	402.5	370.9	341.5
-37.5°	459.0	461.3	461.3	459.0	452.3	438.7	420.6	398.0	368.6	339.2	316.6
-40°	416.1	418.3	416.1	411.6	404.8	391.2	377.6	359.5	336.9	312.1	291.7
-42.5°	375.4	373.1	370.9	366.3	359.5	350.5	339.2	325.6	309.8	291.7	275.9
-45°	336.9	336.9	334.7	332.4	327.9	321.1	314.3	303.0	291.7	278.1	264.6
-47.5°	316.6	316.6	314.3	312.1	309.8	305.3	298.5	289.4	280.4	269.1	257.8
-50°	303.0	303.0	303.0	300.8	298.5	294.0	287.2	280.4	271.4	260.0	248.7
-52.5°	294.0	294.0	294.0	291.7	289.4	287.2	280.4	271.4	260.0	251.0	242.0
-55°	289.4	287.2	287.2	284.9	282.7	280.4	271.4	262.3	253.3	244.2	235.2
-57.5°	282.7	280.4	280.4	278.1	275.9	273.6	264.6	255.5	246.5	235.2	228.4
-60°	275.9	273.6	273.6	269.1	266.8	264.6	255.5	246.5	237.4	228.4	219.3
-62.5°	266.8	264.6	262.3	260.0	255.5	251.0	244.2	235.2	223.9	214.8	205.8
-65°	246.5	244.2	242.0	239.7	237.4	235.2	228.4	217.1	208.0	199.0	189.9
-67.5°	221.6	221.6	221.6	217.1	214.8	210.3	205.8	196.7	187.7	178.6	171.9
-70°	192.2	192.2	192.2	187.7	185.4	183.2	176.4	169.6	162.8	156.0	147.0
-72.5°	162.8	160.6	160.6	158.3	153.8	151.5	147.0	142.5	135.7	131.2	124.4
-75°	133.4	131.2	131.2	128.9	126.6	124.4	119.8	117.6	113.1	108.5	101.8
-77.5°	106.3	106.3	106.3	104.0	101.8	99.5	97.2	95.0	92.7	88.2	83.7
-80°	81.4	81.4	81.4	81.4	81.4	81.4	81.4	79.1	74.6	72.4	70.1
-82.5°	58.8	61.1	61.1	61.1	61.1	61.1	61.1	61.1	58.8	56.5	54.3
-85°	38.4	40.7	40.7	43.0	45.2	45.2	47.5	45.2	43.0	38.4	36.2
-87.5°	20.4	20.4	20.4	20.4	20.4	20.4	20.4	18.1	18.1	18.1	15.8
-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: P724248  
 CATALOG NUMBER: IFLD-S-SA3B-830-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°	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3	4.5	4.5	4.5
85°	4.5	4.5	4.5	4.5	6.8	6.8	6.8	9.0	9.0	9.0	9.0
82.5°	4.5	6.8	6.8	6.8	9.0	9.0	11.3	13.6	18.1	20.4	20.4
80°	4.5	6.8	6.8	6.8	9.0	9.0	11.3	11.3	13.6	15.8	20.4
77.5°	4.5	4.5	6.8	6.8	6.8	9.0	9.0	11.3	11.3	13.6	15.8
75°	2.3	4.5	4.5	4.5	6.8	6.8	9.0	9.0	11.3	11.3	13.6
72.5°	2.3	4.5	4.5	4.5	6.8	6.8	9.0	9.0	9.0	11.3	11.3
70°	2.3	4.5	4.5	4.5	4.5	6.8	6.8	6.8	9.0	9.0	9.0
67.5°	2.3	2.3	2.3	4.5	4.5	4.5	4.5	6.8	6.8	6.8	9.0
65°	2.3	2.3	2.3	2.3	4.5	4.5	4.5	4.5	6.8	6.8	6.8
62.5°	2.3	2.3	2.3	4.5	4.5	4.5	4.5	4.5	6.8	6.8	6.8
60°	9.0	9.0	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8
57.5°	20.4	20.4	18.1	15.8	13.6	13.6	11.3	9.0	9.0	6.8	6.8
55°	33.9	31.7	29.4	24.9	22.6	20.4	18.1	13.6	11.3	9.0	6.8
52.5°	43.0	40.7	38.4	36.2	31.7	27.1	24.9	22.6	18.1	13.6	11.3
50°	63.3	56.5	52.0	47.5	43.0	38.4	33.9	31.7	24.9	20.4	15.8
47.5°	76.9	72.4	65.6	61.1	56.5	49.7	43.0	38.4	33.9	27.1	20.4
45°	88.2	83.7	76.9	72.4	67.8	61.1	54.3	47.5	43.0	36.2	27.1
42.5°	99.5	95.0	88.2	83.7	76.9	70.1	63.3	56.5	49.7	45.2	36.2
40°	115.3	108.5	99.5	95.0	90.5	81.4	72.4	65.6	58.8	52.0	43.0
37.5°	135.7	128.9	117.6	108.5	101.8	95.0	85.9	76.9	70.1	61.1	52.0
35°	167.3	156.0	140.2	126.6	117.6	108.5	97.2	88.2	79.1	70.1	61.1
32.5°	199.0	180.9	160.6	144.7	131.2	119.8	108.5	99.5	88.2	76.9	67.8
30°	223.9	203.5	183.2	160.6	144.7	131.2	119.8	108.5	97.2	85.9	74.6
27.5°	248.7	226.1	203.5	180.9	158.3	140.2	128.9	117.6	106.3	95.0	81.4
25°	273.6	248.7	226.1	201.3	174.1	153.8	137.9	128.9	117.6	104.0	88.2
22.5°	296.2	273.6	251.0	223.9	192.2	165.1	149.2	137.9	126.6	110.8	97.2
20°	339.2	309.8	282.7	248.7	212.6	185.4	165.1	149.2	135.7	119.8	104.0
17.5°	395.7	352.8	316.6	278.1	242.0	208.0	178.6	160.6	147.0	128.9	110.8
15°	468.1	393.5	348.2	309.8	266.8	228.4	196.7	171.9	153.8	135.7	119.8
12.5°	522.4	425.1	375.4	339.2	294.0	251.0	210.3	180.9	160.6	142.5	124.4
10°	583.4	459.0	398.0	357.3	309.8	262.3	219.3	187.7	165.1	149.2	131.2
7.5°	633.2	486.2	409.3	364.1	318.8	271.4	228.4	194.5	171.9	153.8	135.7
5°	678.4	508.8	418.3	366.3	323.4	278.1	232.9	199.0	176.4	158.3	140.2
2.5°	710.0	529.1	427.4	370.9	327.9	282.7	239.7	203.5	180.9	162.8	144.7
0°	737.2	535.9	425.1	370.9	330.1	282.7	242.0	205.8	183.2	165.1	147.0
-2.5°	746.2	547.2	436.4	375.4	334.7	287.2	246.5	208.0	185.4	167.3	151.5
-5°	746.2	538.2	436.4	379.9	336.9	289.4	246.5	210.3	187.7	169.6	151.5
-7.5°	719.1	524.6	434.2	384.4	339.2	291.7	246.5	212.6	189.9	171.9	153.8
-10°	671.6	504.3	431.9	386.7	339.2	289.4	246.5	212.6	189.9	171.9	156.0
-12.5°	594.7	477.1	420.6	382.2	334.7	284.9	244.2	212.6	189.9	174.1	156.0
-15°	556.3	454.5	407.0	368.6	323.4	278.1	239.7	210.3	189.9	174.1	158.3
-17.5°	504.3	436.4	393.5	355.0	314.3	271.4	235.2	210.3	189.9	171.9	158.3
-20°	468.1	416.1	377.6	343.7	303.0	264.6	232.9	208.0	189.9	171.9	158.3



REPORT NUMBER: P724248  
 CATALOG NUMBER: IFLD-S-SA3B-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°	436.4	393.5	359.5	325.6	289.4	255.5	228.4	205.8	187.7	171.9	158.3
-25°	411.6	373.1	341.5	309.8	278.1	248.7	223.9	203.5	185.4	171.9	156.0
-27.5°	388.9	352.8	323.4	294.0	264.6	242.0	219.3	201.3	185.4	169.6	153.8
-30°	364.1	334.7	305.3	278.1	257.8	235.2	214.8	196.7	183.2	167.3	151.5
-32.5°	339.2	312.1	287.2	266.8	248.7	230.7	212.6	194.5	178.6	162.8	147.0
-35°	316.6	291.7	273.6	255.5	242.0	226.1	208.0	189.9	176.4	160.6	147.0
-37.5°	294.0	275.9	260.0	246.5	232.9	219.3	201.3	185.4	171.9	156.0	140.2
-40°	275.9	262.3	251.0	239.7	226.1	210.3	196.7	180.9	167.3	151.5	133.4
-42.5°	264.6	253.3	242.0	230.7	219.3	205.8	192.2	176.4	162.8	147.0	128.9
-45°	253.3	244.2	235.2	226.1	214.8	201.3	185.4	169.6	156.0	140.2	126.6
-47.5°	246.5	237.4	228.4	221.6	212.6	194.5	180.9	165.1	149.2	135.7	119.8
-50°	239.7	230.7	223.9	214.8	203.5	187.7	174.1	158.3	144.7	128.9	115.3
-52.5°	232.9	223.9	214.8	205.8	194.5	180.9	167.3	153.8	137.9	122.1	108.5
-55°	226.1	217.1	208.0	199.0	187.7	176.4	162.8	144.7	128.9	113.1	99.5
-57.5°	219.3	212.6	201.3	189.9	178.6	167.3	151.5	135.7	119.8	104.0	92.7
-60°	210.3	201.3	192.2	178.6	167.3	153.8	140.2	126.6	110.8	97.2	85.9
-62.5°	196.7	187.7	178.6	165.1	153.8	142.5	131.2	115.3	104.0	90.5	79.1
-65°	180.9	171.9	162.8	151.5	140.2	128.9	119.8	106.3	95.0	83.7	74.6
-67.5°	162.8	153.8	147.0	135.7	126.6	115.3	106.3	95.0	83.7	74.6	65.6
-70°	140.2	133.4	126.6	117.6	108.5	99.5	90.5	81.4	72.4	65.6	56.5
-72.5°	119.8	113.1	106.3	99.5	92.7	83.7	76.9	70.1	63.3	56.5	52.0
-75°	97.2	92.7	88.2	83.7	76.9	70.1	65.6	58.8	54.3	49.7	47.5
-77.5°	81.4	76.9	72.4	67.8	63.3	58.8	54.3	49.7	47.5	45.2	43.0
-80°	65.6	63.3	61.1	56.5	54.3	49.7	47.5	43.0	43.0	43.0	43.0
-82.5°	52.0	49.7	47.5	45.2	43.0	40.7	40.7	38.4	40.7	40.7	38.4
-85°	36.2	33.9	31.7	31.7	29.4	29.4	27.1	27.1	27.1	24.9	24.9
-87.5°	15.8	15.8	15.8	15.8	13.6	13.6	13.6	13.6	13.6	11.3	11.3
-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: P724248  
 CATALOG NUMBER: IFLD-S-SA3B-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°	4.5	4.5	2.3	2.3	2.3	2.3	2.3	2.3	2.3	0.0	0.0
85°	9.0	9.0	6.8	6.8	6.8	4.5	4.5	2.3	2.3	2.3	2.3
82.5°	20.4	18.1	15.8	13.6	11.3	9.0	6.8	4.5	4.5	2.3	2.3
80°	24.9	24.9	24.9	22.6	18.1	13.6	9.0	6.8	4.5	2.3	2.3
77.5°	18.1	18.1	20.4	22.6	22.6	18.1	11.3	6.8	4.5	4.5	2.3
75°	13.6	13.6	13.6	15.8	18.1	18.1	13.6	9.0	4.5	4.5	2.3
72.5°	13.6	13.6	13.6	13.6	13.6	13.6	13.6	9.0	6.8	4.5	4.5
70°	11.3	11.3	11.3	11.3	11.3	11.3	11.3	9.0	6.8	4.5	4.5
67.5°	9.0	9.0	11.3	11.3	11.3	9.0	9.0	9.0	6.8	4.5	4.5
65°	6.8	9.0	9.0	11.3	9.0	9.0	9.0	6.8	6.8	4.5	4.5
62.5°	6.8	6.8	9.0	9.0	9.0	9.0	6.8	6.8	6.8	4.5	4.5
60°	6.8	6.8	6.8	9.0	6.8	6.8	6.8	6.8	6.8	4.5	4.5
57.5°	6.8	6.8	6.8	6.8	6.8	6.8	6.8	4.5	4.5	4.5	4.5
55°	6.8	6.8	6.8	6.8	6.8	6.8	4.5	4.5	4.5	4.5	4.5
52.5°	9.0	6.8	6.8	6.8	6.8	6.8	4.5	4.5	4.5	4.5	4.5
50°	11.3	6.8	6.8	6.8	6.8	4.5	4.5	4.5	4.5	4.5	4.5
47.5°	15.8	11.3	9.0	6.8	6.8	4.5	4.5	4.5	4.5	4.5	2.3
45°	22.6	15.8	11.3	9.0	6.8	4.5	4.5	4.5	4.5	4.5	2.3
42.5°	27.1	20.4	13.6	11.3	9.0	6.8	4.5	4.5	4.5	2.3	2.3
40°	33.9	27.1	18.1	13.6	9.0	6.8	4.5	4.5	4.5	2.3	2.3
37.5°	43.0	33.9	22.6	15.8	11.3	6.8	6.8	4.5	4.5	2.3	2.3
35°	49.7	38.4	29.4	18.1	13.6	9.0	6.8	4.5	4.5	2.3	2.3
32.5°	56.5	45.2	36.2	22.6	15.8	11.3	9.0	4.5	4.5	2.3	2.3
30°	63.3	52.0	40.7	29.4	20.4	13.6	9.0	4.5	4.5	2.3	2.3
27.5°	70.1	56.5	45.2	33.9	22.6	15.8	11.3	6.8	4.5	2.3	2.3
25°	76.9	63.3	49.7	38.4	24.9	18.1	11.3	6.8	4.5	4.5	2.3
22.5°	81.4	70.1	56.5	43.0	29.4	20.4	13.6	9.0	4.5	4.5	2.3
20°	88.2	76.9	61.1	47.5	33.9	22.6	13.6	9.0	4.5	4.5	2.3
17.5°	95.0	81.4	65.6	52.0	38.4	24.9	15.8	11.3	4.5	4.5	2.3
15°	101.8	85.9	70.1	54.3	40.7	27.1	15.8	11.3	4.5	4.5	2.3
12.5°	108.5	92.7	74.6	58.8	43.0	29.4	18.1	13.6	6.8	4.5	2.3
10°	113.1	97.2	79.1	61.1	45.2	33.9	20.4	13.6	6.8	4.5	2.3
7.5°	119.8	101.8	83.7	65.6	47.5	36.2	22.6	13.6	6.8	4.5	2.3
5°	122.1	106.3	85.9	70.1	49.7	38.4	24.9	15.8	6.8	4.5	2.3
2.5°	124.4	110.8	88.2	72.4	52.0	38.4	24.9	15.8	9.0	4.5	2.3
0°	126.6	113.1	90.5	74.6	54.3	40.7	27.1	15.8	9.0	4.5	2.3
-2.5°	128.9	115.3	95.0	76.9	56.5	43.0	29.4	15.8	9.0	4.5	2.3
-5°	131.2	115.3	99.5	79.1	58.8	43.0	29.4	18.1	11.3	4.5	2.3
-7.5°	133.4	117.6	101.8	81.4	61.1	43.0	31.7	18.1	11.3	6.8	2.3
-10°	135.7	119.8	104.0	83.7	61.1	45.2	31.7	18.1	11.3	6.8	2.3
-12.5°	137.9	122.1	104.0	83.7	63.3	45.2	31.7	20.4	11.3	6.8	2.3
-15°	140.2	122.1	104.0	83.7	63.3	47.5	33.9	20.4	11.3	6.8	4.5
-17.5°	140.2	122.1	104.0	85.9	63.3	47.5	33.9	20.4	11.3	6.8	4.5
-20°	140.2	122.1	104.0	85.9	63.3	47.5	33.9	20.4	11.3	6.8	4.5



REPORT NUMBER: P724248

CATALOG NUMBER: IFLD-S-SA3B-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°	137.9	119.8	104.0	83.7	63.3	47.5	33.9	20.4	13.6	6.8	4.5
-25°	137.9	119.8	104.0	83.7	63.3	47.5	31.7	20.4	13.6	6.8	4.5
-27.5°	135.7	119.8	101.8	81.4	61.1	45.2	31.7	20.4	13.6	6.8	4.5
-30°	133.4	117.6	99.5	79.1	61.1	45.2	31.7	20.4	13.6	6.8	4.5
-32.5°	131.2	113.1	97.2	76.9	58.8	43.0	31.7	20.4	13.6	6.8	4.5
-35°	126.6	110.8	92.7	74.6	56.5	43.0	29.4	20.4	13.6	9.0	4.5
-37.5°	122.1	106.3	90.5	72.4	54.3	40.7	29.4	20.4	13.6	9.0	4.5
-40°	117.6	104.0	85.9	67.8	52.0	38.4	29.4	20.4	13.6	9.0	6.8
-42.5°	113.1	99.5	83.7	65.6	52.0	38.4	27.1	20.4	13.6	9.0	6.8
-45°	110.8	97.2	79.1	63.3	49.7	38.4	27.1	18.1	13.6	9.0	6.8
-47.5°	106.3	90.5	74.6	61.1	47.5	36.2	24.9	18.1	13.6	9.0	6.8
-50°	99.5	85.9	72.4	58.8	45.2	33.9	24.9	18.1	13.6	9.0	6.8
-52.5°	92.7	79.1	67.8	54.3	43.0	33.9	24.9	18.1	13.6	9.0	6.8
-55°	85.9	74.6	63.3	52.0	40.7	31.7	22.6	18.1	13.6	9.0	6.8
-57.5°	81.4	70.1	58.8	47.5	38.4	29.4	22.6	15.8	11.3	9.0	6.8
-60°	76.9	65.6	54.3	45.2	36.2	29.4	22.6	15.8	11.3	9.0	4.5
-62.5°	70.1	61.1	49.7	43.0	33.9	27.1	20.4	15.8	11.3	9.0	4.5
-65°	63.3	54.3	45.2	38.4	31.7	24.9	20.4	15.8	11.3	9.0	4.5
-67.5°	56.5	49.7	43.0	36.2	29.4	24.9	20.4	15.8	11.3	6.8	4.5
-70°	52.0	45.2	38.4	33.9	29.4	22.6	20.4	15.8	11.3	6.8	4.5
-72.5°	45.2	40.7	36.2	31.7	27.1	24.9	20.4	15.8	9.0	6.8	4.5
-75°	43.0	38.4	33.9	31.7	29.4	24.9	20.4	13.6	9.0	6.8	4.5
-77.5°	43.0	38.4	36.2	33.9	29.4	24.9	18.1	11.3	6.8	6.8	4.5
-80°	43.0	40.7	38.4	31.7	27.1	20.4	13.6	11.3	6.8	4.5	2.3
-82.5°	38.4	31.7	27.1	22.6	20.4	15.8	11.3	9.0	4.5	4.5	2.3
-85°	24.9	20.4	18.1	15.8	13.6	11.3	6.8	4.5	4.5	2.3	2.3
-87.5°	11.3	11.3	9.0	6.8	6.8	4.5	4.5	2.3	2.3	2.3	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: P724248  
 CATALOG NUMBER: IFLD-S-SA3B-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°	2.3	0.0	0.0	0.0
77.5°	2.3	0.0	0.0	0.0
75°	2.3	2.3	0.0	0.0
72.5°	2.3	2.3	0.0	0.0
70°	2.3	2.3	0.0	0.0
67.5°	2.3	2.3	0.0	0.0
65°	2.3	2.3	0.0	0.0
62.5°	2.3	2.3	0.0	0.0
60°	2.3	2.3	0.0	0.0
57.5°	2.3	2.3	2.3	0.0
55°	2.3	2.3	2.3	0.0
52.5°	2.3	2.3	2.3	0.0
50°	2.3	2.3	2.3	0.0
47.5°	2.3	2.3	2.3	0.0
45°	2.3	2.3	2.3	0.0
42.5°	2.3	2.3	2.3	0.0
40°	2.3	2.3	2.3	0.0
37.5°	2.3	2.3	2.3	0.0
35°	2.3	2.3	2.3	0.0
32.5°	2.3	2.3	2.3	0.0
30°	2.3	2.3	2.3	0.0
27.5°	2.3	2.3	2.3	0.0
25°	2.3	2.3	2.3	0.0
22.5°	2.3	2.3	2.3	0.0
20°	2.3	2.3	2.3	0.0
17.5°	2.3	2.3	2.3	0.0
15°	2.3	2.3	2.3	0.0
12.5°	2.3	2.3	2.3	0.0
10°	2.3	2.3	2.3	0.0
7.5°	2.3	2.3	2.3	0.0
5°	2.3	2.3	2.3	0.0
2.5°	2.3	2.3	2.3	0.0
0°	2.3	2.3	2.3	0.0
-2.5°	2.3	2.3	2.3	0.0
-5°	2.3	2.3	2.3	0.0
-7.5°	2.3	2.3	2.3	0.0
-10°	2.3	2.3	2.3	0.0
-12.5°	2.3	2.3	2.3	0.0
-15°	2.3	2.3	2.3	0.0
-17.5°	2.3	2.3	2.3	0.0
-20°	2.3	2.3	2.3	0.0



REPORT NUMBER: P724248

CATALOG NUMBER: IFLD-S-SA3B-830-U-22-VI

**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°
-22.5°	2.3	2.3	2.3	0.0
-25°	2.3	2.3	2.3	0.0
-27.5°	2.3	2.3	2.3	0.0
-30°	2.3	2.3	2.3	0.0
-32.5°	2.3	2.3	2.3	0.0
-35°	2.3	2.3	2.3	0.0
-37.5°	2.3	2.3	2.3	0.0
-40°	2.3	2.3	2.3	0.0
-42.5°	2.3	2.3	2.3	0.0
-45°	2.3	2.3	2.3	0.0
-47.5°	2.3	2.3	2.3	0.0
-50°	2.3	2.3	2.3	0.0
-52.5°	2.3	2.3	2.3	0.0
-55°	2.3	2.3	2.3	0.0
-57.5°	2.3	2.3	2.3	0.0
-60°	2.3	2.3	0.0	0.0
-62.5°	2.3	2.3	0.0	0.0
-65°	2.3	2.3	0.0	0.0
-67.5°	2.3	2.3	0.0	0.0
-70°	2.3	2.3	0.0	0.0
-72.5°	2.3	2.3	0.0	0.0
-75°	2.3	2.3	0.0	0.0
-77.5°	2.3	0.0	0.0	0.0
-80°	2.3	0.0	0.0	0.0
-82.5°	2.3	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)