

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: P724221

Luminaire Tested: **IFLD-S-SA3D-827-U-22-VI**

Issue Date: 01/11/2023

Test Information

Test Method: LM-79-2019
Report Number: P724221
Test Lab: INNOVATION CENTER(G2)
Issue Date: 01/11/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA3D-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

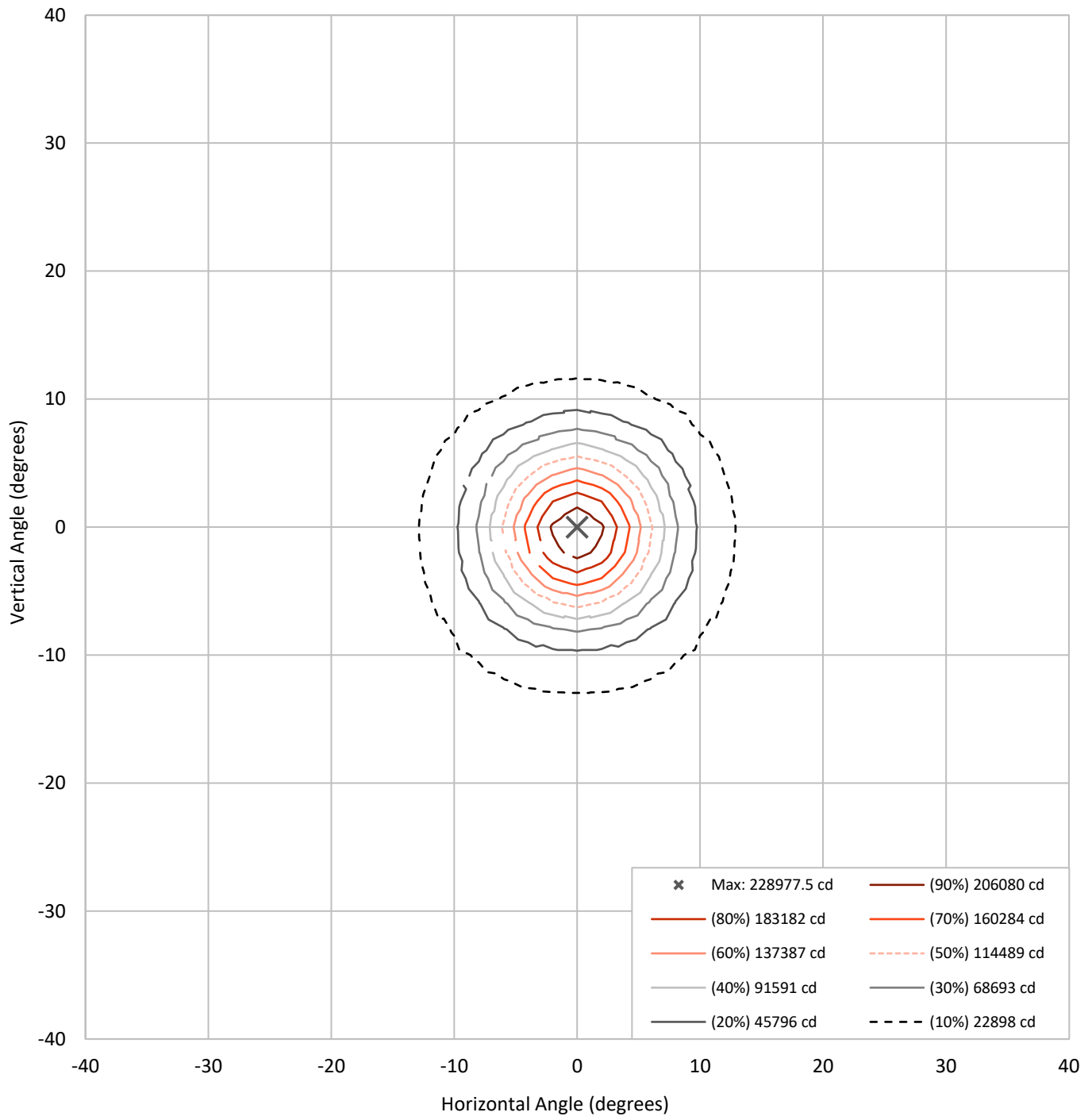
Lumens per Lamp:	N/A	NEMA Type:	2H x 2V
Luminaire Lumens:	15994.2 lumens	Max Intensity:	228977.5 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	86.9 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	12.2°H x 11.7°V	Field Angle (10%):	25.1°H x 24.3°V
Beam Lumens:	5003.7 lumens	Field Lumens:	11385.3 lumens
Beam Efficiency:	31.3%	Field Efficiency:	71.2%

Input Watts (W): 184.1
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





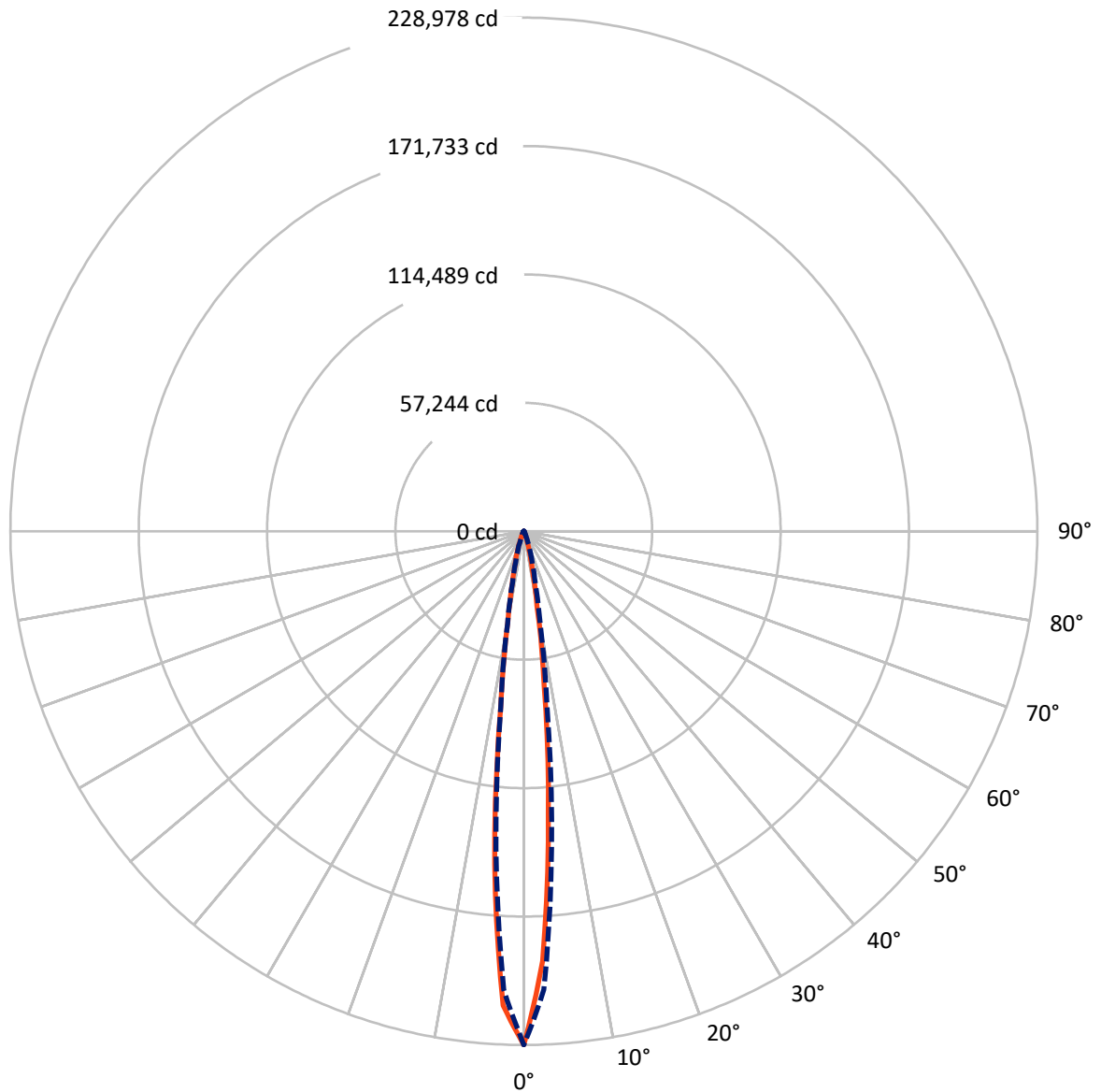
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Lumen Table

90	0.1	1.0	0.8	0.4	0.0	0.4	0.8	1.0	0.1										
80	0.1	1.0	0.8	0.4	0.0	0.4	0.8	1.0	0.1										
70	0.1	0.2	0.2	0.2	0.1	0.1	0.1	0.0	0.0	0.1	0.1	0.1	0.2	0.2	0.2	0.1			
60		0.1	0.2	0.4	0.8	1.2	1.6	1.8	1.8	1.6	1.2	0.8	0.4	0.2	0.1				
50	0.1	0.1	0.5	1.3	2.3	3.2	4.3	5.0	5.0	4.3	3.2	2.3	1.3	0.5	0.1	0.1			
40		0.3	1.1	2.4	4.1	6.4	9.7	11.6	11.6	9.7	6.4	4.1	2.4	1.1	0.3				
30	0.2	0.5	1.7	3.5	6.4	11.1	21.3	34.4	34.4	21.3	11.1	6.4	3.5	1.7	0.5	0.2			
20		0.7	2.3	4.8	9.7	24.1	126.0	318.8	318.8	126.0	24.1	9.7	4.8	2.3	0.7				
10	0.3	0.9	2.7	5.7	11.9	49.0	405.8	2500.9	2500.9	405.8	49.0	11.9	5.7	2.7	0.9	0.3			
0		1.0	3.0	6.0	12.4	55.8	446.6	2754.2	2754.2	446.6	55.8	12.4	6.0	3.0	1.0				
-10	0.3	1.1	3.1	5.9	11.6	33.5	200.4	483.0	483.0	200.4	33.5	11.6	5.9	3.1	1.1	0.3			
-20		1.1	3.1	5.6	9.8	17.0	41.4	77.8	77.8	41.4	17.0	9.8	5.6	3.1	1.1				
-30	0.3	1.0	2.8	5.2	8.2	12.1	17.1	20.1	20.1	17.1	12.1	8.2	5.2	2.8	1.0	0.3			
-40		0.9	2.5	4.7	7.1	9.4	11.9	13.2	13.2	11.9	9.4	7.1	4.7	2.5	0.9				
-50	0.3	0.7	2.0	3.9	6.2	8.2	10.1	11.0	11.0	10.1	8.2	6.2	3.9	2.0	0.7	0.3			
-60		0.5	1.4	2.9	4.8	6.6	8.3	9.2	9.2	8.3	6.6	4.8	2.9	1.4	0.5				
-70	0.2	0.5	1.4	2.9	4.8	6.6	8.3	9.2	9.2	8.3	6.6	4.8	2.9	1.4	0.5	0.2			
-80		2.2	6.0	11.1	13.3	11.1	6.0	2.2	0.2										
-90	0.2	2.2	6.0	11.1	13.3	11.1	6.0	2.2	0.2										
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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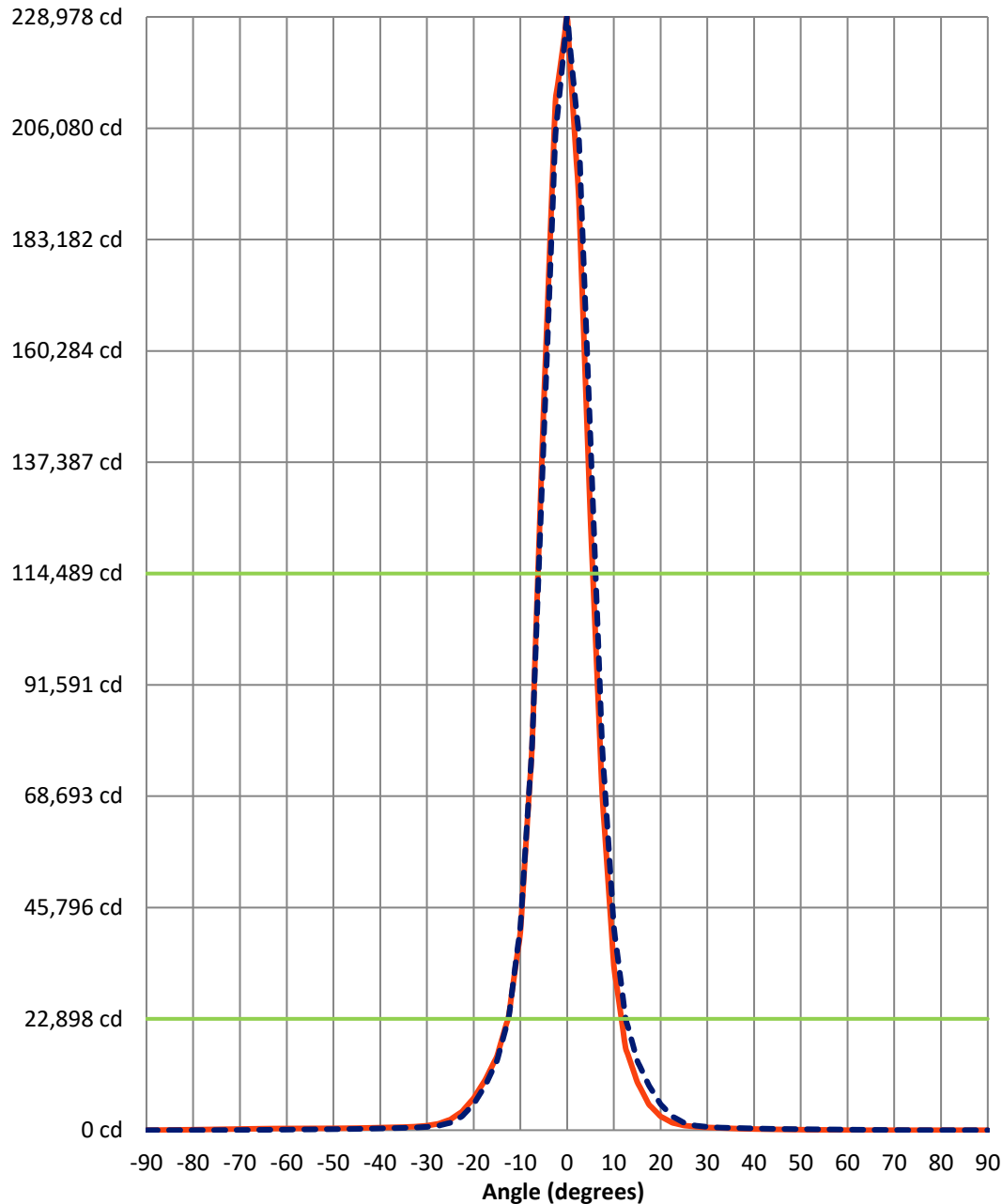
Luminous Intensity Polar Plot



— 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: 5003.7
Efficiency: 31.3%

Field:
H Angle: 25.1°
V Angle: 24.3°
Lumens: 11385.3
Efficiency: 71.2%

Spill:
Lumens: 4608.9
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	2.9	2.9
85°	0.0	0.0	0.0	0.0	2.9	2.9	2.9	2.9	2.9	5.7	5.7
82.5°	0.0	0.0	0.0	0.0	2.9	2.9	2.9	2.9	5.7	5.7	5.7
80°	0.0	0.0	0.0	0.0	2.9	2.9	2.9	2.9	5.7	5.7	5.7
77.5°	0.0	0.0	0.0	0.0	2.9	2.9	2.9	2.9	2.9	2.9	5.7
75°	0.0	0.0	0.0	0.0	2.9	2.9	2.9	2.9	2.9	2.9	2.9
72.5°	0.0	0.0	0.0	0.0	2.9	2.9	2.9	2.9	2.9	2.9	2.9
70°	0.0	0.0	0.0	0.0	2.9	2.9	2.9	2.9	2.9	2.9	2.9
67.5°	0.0	0.0	0.0	0.0	2.9	2.9	2.9	2.9	2.9	2.9	2.9
65°	0.0	0.0	0.0	0.0	2.9	2.9	2.9	2.9	2.9	2.9	2.9
62.5°	0.0	0.0	0.0	0.0	2.9	2.9	2.9	2.9	2.9	2.9	2.9
60°	5.7	5.7	5.7	5.7	8.6	8.6	11.5	11.5	11.5	5.7	11.5
57.5°	45.8	45.8	43.0	40.1	37.3	34.4	34.4	34.4	34.4	34.4	28.7
55°	63.0	63.0	63.0	60.2	60.2	57.3	54.4	51.6	51.6	48.7	45.8
52.5°	74.5	74.5	74.5	74.5	71.6	71.6	71.6	68.8	63.0	63.0	60.2
50°	106.0	103.2	103.2	103.2	103.2	97.4	94.6	88.8	86.0	83.1	80.2
47.5°	137.5	137.5	134.7	134.7	131.8	126.1	120.3	114.6	108.9	106.0	100.3
45°	163.3	163.3	160.5	160.5	157.6	151.9	143.3	134.7	128.9	123.2	117.5
42.5°	200.6	197.7	194.8	192.0	186.3	177.7	166.2	154.7	146.1	137.5	131.8
40°	240.7	240.7	237.8	235.0	226.4	217.8	203.4	189.1	174.8	157.6	149.0
37.5°	289.4	292.3	295.1	295.1	289.4	277.9	257.9	240.7	217.8	194.8	183.4
35°	378.2	378.2	384.0	384.0	375.4	361.0	346.7	309.5	280.8	252.2	226.4
32.5°	475.7	478.5	467.1	458.5	447.0	429.8	404.0	372.5	341.0	303.7	275.1
30°	570.2	570.2	555.9	538.7	515.8	487.1	455.6	421.2	384.0	346.7	312.3
27.5°	719.2	704.9	693.4	664.8	624.7	570.2	530.1	475.7	426.9	384.0	346.7
25°	965.6	962.8	937.0	888.3	808.0	722.1	656.2	564.5	490.0	424.1	381.1
22.5°	1535.9	1515.8	1455.6	1335.3	1146.2	997.2	862.5	719.2	584.5	495.7	426.9
20°	2839.6	2773.7	2613.3	2280.9	1856.8	1564.5	1229.3	988.6	762.2	596.0	492.8
17.5°	5298.1	5255.2	5195.0	4427.1	3564.6	2945.6	2192.0	1515.8	1083.1	779.4	584.5
15°	9931.5	9613.4	8948.7	8028.9	6822.5	5272.3	3876.9	2447.1	1547.3	1037.3	742.1
12.5°	16977.5	16625.1	14908.7	12607.8	10438.7	8232.3	5779.5	3719.3	2203.5	1318.1	879.7
10°	33829.0	31270.2	26464.9	19751.2	15415.9	11496.0	8114.8	5074.6	2868.3	1664.8	1043.0
7.5°	69288.4	60927.1	46949.7	33144.2	21453.3	15077.8	10364.2	6636.3	3822.5	2083.2	1192.0
5°	125582.2	110748.0	83434.9	50239.2	31152.7	18897.4	12298.3	7891.3	4524.5	2424.1	1341.0
2.5°	191755.9	172566.2	120625.0	69082.1	38413.6	21854.5	13650.8	8716.6	4971.5	2656.2	1455.6
0°	228977.5	204535.6	142055.4	79091.0	41872.2	23109.5	14312.7	9212.3	5349.7	2845.3	1530.1
-2.5°	211518.6	191841.8	130550.8	73469.0	40012.5	22559.3	14407.3	9335.5	5412.8	2896.9	1564.5
-5°	149078.5	132929.1	90331.9	54216.4	33949.3	20779.9	13593.5	8871.3	5238.0	2822.4	1550.2
-7.5°	78870.3	71563.5	53571.6	38958.1	24780.0	17587.9	12238.2	8048.9	4785.2	2621.8	1464.2
-10°	40748.9	39250.3	33823.3	25496.4	20052.1	14733.9	10444.4	6882.7	4000.1	2257.9	1318.1
-12.5°	23493.5	23238.4	21493.4	18450.4	15375.8	12103.5	8570.4	5613.3	3338.2	1871.1	1111.8
-15°	15212.4	15321.3	14713.9	13447.4	11696.6	9057.5	6584.7	4174.9	2470.0	1515.8	980.0
-17.5°	10381.4	10352.7	10069.0	9200.8	7791.0	6117.6	4364.0	2948.5	1871.1	1180.5	813.8
-20°	6567.5	6579.0	6315.4	5716.5	4679.2	3770.9	2716.4	1988.6	1326.7	928.4	719.2



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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°	3811.0	3819.6	3653.4	3315.3	2770.8	2235.0	1765.1	1315.2	977.1	773.7	630.4
-25°	2189.2	2154.8	2088.9	1925.6	1670.5	1378.3	1172.0	925.5	782.3	656.2	575.9
-27.5°	1326.7	1303.8	1269.4	1197.7	1097.5	951.3	856.8	747.9	664.8	590.3	541.6
-30°	925.5	934.1	905.5	868.2	822.4	756.5	704.9	653.3	598.9	553.0	507.2
-32.5°	736.4	742.1	727.8	713.5	690.6	664.8	633.3	596.0	553.0	510.0	467.1
-35°	633.3	636.1	636.1	633.3	627.5	607.5	584.5	550.2	510.0	469.9	432.7
-37.5°	581.7	584.5	584.5	581.7	573.1	555.9	533.0	504.3	467.1	429.8	401.2
-40°	527.2	530.1	527.2	521.5	512.9	495.7	478.5	455.6	426.9	395.4	369.6
-42.5°	475.7	472.8	469.9	464.2	455.6	444.1	429.8	412.6	392.6	369.6	349.6
-45°	426.9	426.9	424.1	421.2	415.5	406.9	398.3	384.0	369.6	352.4	335.3
-47.5°	401.2	401.2	398.3	395.4	392.6	386.8	378.2	366.8	355.3	341.0	326.7
-50°	384.0	384.0	384.0	381.1	378.2	372.5	363.9	355.3	343.8	329.5	315.2
-52.5°	372.5	372.5	372.5	369.6	366.8	363.9	355.3	343.8	329.5	318.1	306.6
-55°	366.8	363.9	363.9	361.0	358.2	355.3	343.8	332.4	320.9	309.5	298.0
-57.5°	358.2	355.3	355.3	352.4	349.6	346.7	335.3	323.8	312.3	298.0	289.4
-60°	349.6	346.7	346.7	341.0	338.1	335.3	323.8	312.3	300.9	289.4	277.9
-62.5°	338.1	335.3	332.4	329.5	323.8	318.1	309.5	298.0	283.7	272.2	260.8
-65°	312.3	309.5	306.6	303.7	300.9	298.0	289.4	275.1	263.6	252.2	240.7
-67.5°	280.8	280.8	280.8	275.1	272.2	266.5	260.8	249.3	237.8	226.4	217.8
-70°	243.6	243.6	243.6	237.8	235.0	232.1	223.5	214.9	206.3	197.7	186.3
-72.5°	206.3	203.4	203.4	200.6	194.8	192.0	186.3	180.5	171.9	166.2	157.6
-75°	169.1	166.2	166.2	163.3	160.5	157.6	151.9	149.0	143.3	137.5	128.9
-77.5°	134.7	134.7	134.7	131.8	128.9	126.1	123.2	120.3	117.5	111.8	106.0
-80°	103.2	103.2	103.2	103.2	103.2	103.2	103.2	100.3	94.6	91.7	88.8
-82.5°	74.5	77.4	77.4	77.4	77.4	77.4	77.4	77.4	74.5	71.6	68.8
-85°	48.7	51.6	51.6	54.4	57.3	57.3	60.2	57.3	54.4	48.7	45.8
-87.5°	25.8	25.8	25.8	25.8	25.8	25.8	25.8	22.9	22.9	22.9	20.1
-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°	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	5.7	5.7	5.7
85°	5.7	5.7	5.7	5.7	8.6	8.6	8.6	11.5	11.5	11.5	11.5
82.5°	5.7	8.6	8.6	8.6	11.5	11.5	14.3	17.2	22.9	25.8	25.8
80°	5.7	8.6	8.6	8.6	11.5	11.5	14.3	14.3	17.2	20.1	25.8
77.5°	5.7	5.7	8.6	8.6	8.6	11.5	11.5	14.3	14.3	17.2	20.1
75°	2.9	5.7	5.7	5.7	8.6	8.6	11.5	11.5	14.3	14.3	17.2
72.5°	2.9	5.7	5.7	5.7	8.6	8.6	11.5	11.5	11.5	14.3	14.3
70°	2.9	5.7	5.7	5.7	5.7	8.6	8.6	8.6	11.5	11.5	11.5
67.5°	2.9	2.9	2.9	5.7	5.7	5.7	5.7	8.6	8.6	8.6	11.5
65°	2.9	2.9	2.9	2.9	5.7	5.7	5.7	5.7	8.6	8.6	8.6
62.5°	2.9	2.9	2.9	5.7	5.7	5.7	5.7	5.7	8.6	8.6	8.6
60°	11.5	11.5	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6
57.5°	25.8	25.8	22.9	20.1	17.2	17.2	14.3	11.5	11.5	8.6	8.6
55°	43.0	40.1	37.3	31.5	28.7	25.8	22.9	17.2	14.3	11.5	8.6
52.5°	54.4	51.6	48.7	45.8	40.1	34.4	31.5	28.7	22.9	17.2	14.3
50°	80.2	71.6	65.9	60.2	54.4	48.7	43.0	40.1	31.5	25.8	20.1
47.5°	97.4	91.7	83.1	77.4	71.6	63.0	54.4	48.7	43.0	34.4	25.8
45°	111.8	106.0	97.4	91.7	86.0	77.4	68.8	60.2	54.4	45.8	34.4
42.5°	126.1	120.3	111.8	106.0	97.4	88.8	80.2	71.6	63.0	57.3	45.8
40°	146.1	137.5	126.1	120.3	114.6	103.2	91.7	83.1	74.5	65.9	54.4
37.5°	171.9	163.3	149.0	137.5	128.9	120.3	108.9	97.4	88.8	77.4	65.9
35°	212.0	197.7	177.7	160.5	149.0	137.5	123.2	111.8	100.3	88.8	77.4
32.5°	252.2	229.2	203.4	183.4	166.2	151.9	137.5	126.1	111.8	97.4	86.0
30°	283.7	257.9	232.1	203.4	183.4	166.2	151.9	137.5	123.2	108.9	94.6
27.5°	315.2	286.5	257.9	229.2	200.6	177.7	163.3	149.0	134.7	120.3	103.2
25°	346.7	315.2	286.5	255.0	220.6	194.8	174.8	163.3	149.0	131.8	111.8
22.5°	375.4	346.7	318.1	283.7	243.6	209.2	189.1	174.8	160.5	140.4	123.2
20°	429.8	392.6	358.2	315.2	269.3	235.0	209.2	189.1	171.9	151.9	131.8
17.5°	501.4	447.0	401.2	352.4	306.6	263.6	226.4	203.4	186.3	163.3	140.4
15°	593.1	498.6	441.3	392.6	338.1	289.4	249.3	217.8	194.8	171.9	151.9
12.5°	661.9	538.7	475.7	429.8	372.5	318.1	266.5	229.2	203.4	180.5	157.6
10°	739.3	581.7	504.3	452.7	392.6	332.4	277.9	237.8	209.2	189.1	166.2
7.5°	802.3	616.1	518.6	461.3	404.0	343.8	289.4	246.4	217.8	194.8	171.9
5°	859.6	644.7	530.1	464.2	409.8	352.4	295.1	252.2	223.5	200.6	177.7
2.5°	899.7	670.5	541.6	469.9	415.5	358.2	303.7	257.9	229.2	206.3	183.4
0°	934.1	679.1	538.7	469.9	418.3	358.2	306.6	260.8	232.1	209.2	186.3
-2.5°	945.6	693.4	553.0	475.7	424.1	363.9	312.3	263.6	235.0	212.0	192.0
-5°	945.6	682.0	553.0	481.4	426.9	366.8	312.3	266.5	237.8	214.9	192.0
-7.5°	911.2	664.8	550.2	487.1	429.8	369.6	312.3	269.3	240.7	217.8	194.8
-10°	851.0	639.0	547.3	490.0	429.8	366.8	312.3	269.3	240.7	217.8	197.7
-12.5°	753.6	604.6	533.0	484.3	424.1	361.0	309.5	269.3	240.7	220.6	197.7
-15°	704.9	575.9	515.8	467.1	409.8	352.4	303.7	266.5	240.7	220.6	200.6
-17.5°	639.0	553.0	498.6	449.9	398.3	343.8	298.0	266.5	240.7	217.8	200.6
-20°	593.1	527.2	478.5	435.5	384.0	335.3	295.1	263.6	240.7	217.8	200.6



REPORT NUMBER: P724221

CATALOG NUMBER: IFLD-S-SA3D-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°	553.0	498.6	455.6	412.6	366.8	323.8	289.4	260.8	237.8	217.8	200.6
-25°	521.5	472.8	432.7	392.6	352.4	315.2	283.7	257.9	235.0	217.8	197.7
-27.5°	492.8	447.0	409.8	372.5	335.3	306.6	277.9	255.0	235.0	214.9	194.8
-30°	461.3	424.1	386.8	352.4	326.7	298.0	272.2	249.3	232.1	212.0	192.0
-32.5°	429.8	395.4	363.9	338.1	315.2	292.3	269.3	246.4	226.4	206.3	186.3
-35°	401.2	369.6	346.7	323.8	306.6	286.5	263.6	240.7	223.5	203.4	186.3
-37.5°	372.5	349.6	329.5	312.3	295.1	277.9	255.0	235.0	217.8	197.7	177.7
-40°	349.6	332.4	318.1	303.7	286.5	266.5	249.3	229.2	212.0	192.0	169.1
-42.5°	335.3	320.9	306.6	292.3	277.9	260.8	243.6	223.5	206.3	186.3	163.3
-45°	320.9	309.5	298.0	286.5	272.2	255.0	235.0	214.9	197.7	177.7	160.5
-47.5°	312.3	300.9	289.4	280.8	269.3	246.4	229.2	209.2	189.1	171.9	151.9
-50°	303.7	292.3	283.7	272.2	257.9	237.8	220.6	200.6	183.4	163.3	146.1
-52.5°	295.1	283.7	272.2	260.8	246.4	229.2	212.0	194.8	174.8	154.7	137.5
-55°	286.5	275.1	263.6	252.2	237.8	223.5	206.3	183.4	163.3	143.3	126.1
-57.5°	277.9	269.3	255.0	240.7	226.4	212.0	192.0	171.9	151.9	131.8	117.5
-60°	266.5	255.0	243.6	226.4	212.0	194.8	177.7	160.5	140.4	123.2	108.9
-62.5°	249.3	237.8	226.4	209.2	194.8	180.5	166.2	146.1	131.8	114.6	100.3
-65°	229.2	217.8	206.3	192.0	177.7	163.3	151.9	134.7	120.3	106.0	94.6
-67.5°	206.3	194.8	186.3	171.9	160.5	146.1	134.7	120.3	106.0	94.6	83.1
-70°	177.7	169.1	160.5	149.0	137.5	126.1	114.6	103.2	91.7	83.1	71.6
-72.5°	151.9	143.3	134.7	126.1	117.5	106.0	97.4	88.8	80.2	71.6	65.9
-75°	123.2	117.5	111.8	106.0	97.4	88.8	83.1	74.5	68.8	63.0	60.2
-77.5°	103.2	97.4	91.7	86.0	80.2	74.5	68.8	63.0	60.2	57.3	54.4
-80°	83.1	80.2	77.4	71.6	68.8	63.0	60.2	54.4	54.4	54.4	54.4
-82.5°	65.9	63.0	60.2	57.3	54.4	51.6	51.6	48.7	51.6	51.6	48.7
-85°	45.8	43.0	40.1	40.1	37.3	37.3	34.4	34.4	34.4	31.5	31.5
-87.5°	20.1	20.1	20.1	20.1	17.2	17.2	17.2	17.2	17.2	14.3	14.3
-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: P724221
 CATALOG NUMBER: IFLD-S-SA3D-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°	5.7	5.7	2.9	2.9	2.9	2.9	2.9	2.9	2.9	0.0	0.0
85°	11.5	11.5	8.6	8.6	8.6	5.7	5.7	2.9	2.9	2.9	2.9
82.5°	25.8	22.9	20.1	17.2	14.3	11.5	8.6	5.7	5.7	2.9	2.9
80°	31.5	31.5	31.5	28.7	22.9	17.2	11.5	8.6	5.7	2.9	2.9
77.5°	22.9	22.9	25.8	28.7	28.7	22.9	14.3	8.6	5.7	5.7	2.9
75°	17.2	17.2	17.2	20.1	22.9	22.9	17.2	11.5	5.7	5.7	2.9
72.5°	17.2	17.2	17.2	17.2	17.2	17.2	17.2	11.5	8.6	5.7	5.7
70°	14.3	14.3	14.3	14.3	14.3	14.3	14.3	11.5	8.6	5.7	5.7
67.5°	11.5	11.5	14.3	14.3	14.3	11.5	11.5	11.5	8.6	5.7	5.7
65°	8.6	11.5	11.5	14.3	11.5	11.5	11.5	8.6	8.6	5.7	5.7
62.5°	8.6	8.6	11.5	11.5	11.5	11.5	8.6	8.6	8.6	5.7	5.7
60°	8.6	8.6	8.6	11.5	8.6	8.6	8.6	8.6	8.6	5.7	5.7
57.5°	8.6	8.6	8.6	8.6	8.6	8.6	8.6	5.7	5.7	5.7	5.7
55°	8.6	8.6	8.6	8.6	8.6	8.6	5.7	5.7	5.7	5.7	5.7
52.5°	11.5	8.6	8.6	8.6	8.6	8.6	5.7	5.7	5.7	5.7	5.7
50°	14.3	8.6	8.6	8.6	8.6	5.7	5.7	5.7	5.7	5.7	5.7
47.5°	20.1	14.3	11.5	8.6	8.6	5.7	5.7	5.7	5.7	5.7	2.9
45°	28.7	20.1	14.3	11.5	8.6	5.7	5.7	5.7	5.7	5.7	2.9
42.5°	34.4	25.8	17.2	14.3	11.5	8.6	5.7	5.7	5.7	2.9	2.9
40°	43.0	34.4	22.9	17.2	11.5	8.6	5.7	5.7	5.7	2.9	2.9
37.5°	54.4	43.0	28.7	20.1	14.3	8.6	8.6	5.7	5.7	2.9	2.9
35°	63.0	48.7	37.3	22.9	17.2	11.5	8.6	5.7	5.7	2.9	2.9
32.5°	71.6	57.3	45.8	28.7	20.1	14.3	11.5	5.7	5.7	2.9	2.9
30°	80.2	65.9	51.6	37.3	25.8	17.2	11.5	5.7	5.7	2.9	2.9
27.5°	88.8	71.6	57.3	43.0	28.7	20.1	14.3	8.6	5.7	2.9	2.9
25°	97.4	80.2	63.0	48.7	31.5	22.9	14.3	8.6	5.7	5.7	2.9
22.5°	103.2	88.8	71.6	54.4	37.3	25.8	17.2	11.5	5.7	5.7	2.9
20°	111.8	97.4	77.4	60.2	43.0	28.7	17.2	11.5	5.7	5.7	2.9
17.5°	120.3	103.2	83.1	65.9	48.7	31.5	20.1	14.3	5.7	5.7	2.9
15°	128.9	108.9	88.8	68.8	51.6	34.4	20.1	14.3	5.7	5.7	2.9
12.5°	137.5	117.5	94.6	74.5	54.4	37.3	22.9	17.2	8.6	5.7	2.9
10°	143.3	123.2	100.3	77.4	57.3	43.0	25.8	17.2	8.6	5.7	2.9
7.5°	151.9	128.9	106.0	83.1	60.2	45.8	28.7	17.2	8.6	5.7	2.9
5°	154.7	134.7	108.9	88.8	63.0	48.7	31.5	20.1	8.6	5.7	2.9
2.5°	157.6	140.4	111.8	91.7	65.9	48.7	31.5	20.1	11.5	5.7	2.9
0°	160.5	143.3	114.6	94.6	68.8	51.6	34.4	20.1	11.5	5.7	2.9
-2.5°	163.3	146.1	120.3	97.4	71.6	54.4	37.3	20.1	11.5	5.7	2.9
-5°	166.2	146.1	126.1	100.3	74.5	54.4	37.3	22.9	14.3	5.7	2.9
-7.5°	169.1	149.0	128.9	103.2	77.4	54.4	40.1	22.9	14.3	8.6	2.9
-10°	171.9	151.9	131.8	106.0	77.4	57.3	40.1	22.9	14.3	8.6	2.9
-12.5°	174.8	154.7	131.8	106.0	80.2	57.3	40.1	25.8	14.3	8.6	2.9
-15°	177.7	154.7	131.8	106.0	80.2	60.2	43.0	25.8	14.3	8.6	5.7
-17.5°	177.7	154.7	131.8	108.9	80.2	60.2	43.0	25.8	14.3	8.6	5.7
-20°	177.7	154.7	131.8	108.9	80.2	60.2	43.0	25.8	14.3	8.6	5.7



REPORT NUMBER: P724221

CATALOG NUMBER: IFLD-S-SA3D-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°	174.8	151.9	131.8	106.0	80.2	60.2	43.0	25.8	17.2	8.6	5.7
-25°	174.8	151.9	131.8	106.0	80.2	60.2	40.1	25.8	17.2	8.6	5.7
-27.5°	171.9	151.9	128.9	103.2	77.4	57.3	40.1	25.8	17.2	8.6	5.7
-30°	169.1	149.0	126.1	100.3	77.4	57.3	40.1	25.8	17.2	8.6	5.7
-32.5°	166.2	143.3	123.2	97.4	74.5	54.4	40.1	25.8	17.2	8.6	5.7
-35°	160.5	140.4	117.5	94.6	71.6	54.4	37.3	25.8	17.2	11.5	5.7
-37.5°	154.7	134.7	114.6	91.7	68.8	51.6	37.3	25.8	17.2	11.5	5.7
-40°	149.0	131.8	108.9	86.0	65.9	48.7	37.3	25.8	17.2	11.5	8.6
-42.5°	143.3	126.1	106.0	83.1	65.9	48.7	34.4	25.8	17.2	11.5	8.6
-45°	140.4	123.2	100.3	80.2	63.0	48.7	34.4	22.9	17.2	11.5	8.6
-47.5°	134.7	114.6	94.6	77.4	60.2	45.8	31.5	22.9	17.2	11.5	8.6
-50°	126.1	108.9	91.7	74.5	57.3	43.0	31.5	22.9	17.2	11.5	8.6
-52.5°	117.5	100.3	86.0	68.8	54.4	43.0	31.5	22.9	17.2	11.5	8.6
-55°	108.9	94.6	80.2	65.9	51.6	40.1	28.7	22.9	17.2	11.5	8.6
-57.5°	103.2	88.8	74.5	60.2	48.7	37.3	28.7	20.1	14.3	11.5	8.6
-60°	97.4	83.1	68.8	57.3	45.8	37.3	28.7	20.1	14.3	11.5	5.7
-62.5°	88.8	77.4	63.0	54.4	43.0	34.4	25.8	20.1	14.3	11.5	5.7
-65°	80.2	68.8	57.3	48.7	40.1	31.5	25.8	20.1	14.3	11.5	5.7
-67.5°	71.6	63.0	54.4	45.8	37.3	31.5	25.8	20.1	14.3	8.6	5.7
-70°	65.9	57.3	48.7	43.0	37.3	28.7	25.8	20.1	14.3	8.6	5.7
-72.5°	57.3	51.6	45.8	40.1	34.4	31.5	25.8	20.1	11.5	8.6	5.7
-75°	54.4	48.7	43.0	40.1	37.3	31.5	25.8	17.2	11.5	8.6	5.7
-77.5°	54.4	48.7	45.8	43.0	37.3	31.5	22.9	14.3	8.6	8.6	5.7
-80°	54.4	51.6	48.7	40.1	34.4	25.8	17.2	14.3	8.6	5.7	2.9
-82.5°	48.7	40.1	34.4	28.7	25.8	20.1	14.3	11.5	5.7	5.7	2.9
-85°	31.5	25.8	22.9	20.1	17.2	14.3	8.6	5.7	5.7	2.9	2.9
-87.5°	14.3	14.3	11.5	8.6	8.6	5.7	5.7	2.9	2.9	2.9	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: P724221
 CATALOG NUMBER: IFLD-S-SA3D-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°	2.9	0.0	0.0	0.0
77.5°	2.9	0.0	0.0	0.0
75°	2.9	2.9	0.0	0.0
72.5°	2.9	2.9	0.0	0.0
70°	2.9	2.9	0.0	0.0
67.5°	2.9	2.9	0.0	0.0
65°	2.9	2.9	0.0	0.0
62.5°	2.9	2.9	0.0	0.0
60°	2.9	2.9	0.0	0.0
57.5°	2.9	2.9	2.9	0.0
55°	2.9	2.9	2.9	0.0
52.5°	2.9	2.9	2.9	0.0
50°	2.9	2.9	2.9	0.0
47.5°	2.9	2.9	2.9	0.0
45°	2.9	2.9	2.9	0.0
42.5°	2.9	2.9	2.9	0.0
40°	2.9	2.9	2.9	0.0
37.5°	2.9	2.9	2.9	0.0
35°	2.9	2.9	2.9	0.0
32.5°	2.9	2.9	2.9	0.0
30°	2.9	2.9	2.9	0.0
27.5°	2.9	2.9	2.9	0.0
25°	2.9	2.9	2.9	0.0
22.5°	2.9	2.9	2.9	0.0
20°	2.9	2.9	2.9	0.0
17.5°	2.9	2.9	2.9	0.0
15°	2.9	2.9	2.9	0.0
12.5°	2.9	2.9	2.9	0.0
10°	2.9	2.9	2.9	0.0
7.5°	2.9	2.9	2.9	0.0
5°	2.9	2.9	2.9	0.0
2.5°	2.9	2.9	2.9	0.0
0°	2.9	2.9	2.9	0.0
-2.5°	2.9	2.9	2.9	0.0
-5°	2.9	2.9	2.9	0.0
-7.5°	2.9	2.9	2.9	0.0
-10°	2.9	2.9	2.9	0.0
-12.5°	2.9	2.9	2.9	0.0
-15°	2.9	2.9	2.9	0.0
-17.5°	2.9	2.9	2.9	0.0
-20°	2.9	2.9	2.9	0.0



REPORT NUMBER: P724221
 CATALOG NUMBER: IFLD-S-SA3D-827-U-22-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	2.9	2.9	2.9	0.0
-25°	2.9	2.9	2.9	0.0
-27.5°	2.9	2.9	2.9	0.0
-30°	2.9	2.9	2.9	0.0
-32.5°	2.9	2.9	2.9	0.0
-35°	2.9	2.9	2.9	0.0
-37.5°	2.9	2.9	2.9	0.0
-40°	2.9	2.9	2.9	0.0
-42.5°	2.9	2.9	2.9	0.0
-45°	2.9	2.9	2.9	0.0
-47.5°	2.9	2.9	2.9	0.0
-50°	2.9	2.9	2.9	0.0
-52.5°	2.9	2.9	2.9	0.0
-55°	2.9	2.9	2.9	0.0
-57.5°	2.9	2.9	2.9	0.0
-60°	2.9	2.9	0.0	0.0
-62.5°	2.9	2.9	0.0	0.0
-65°	2.9	2.9	0.0	0.0
-67.5°	2.9	2.9	0.0	0.0
-70°	2.9	2.9	0.0	0.0
-72.5°	2.9	2.9	0.0	0.0
-75°	2.9	2.9	0.0	0.0
-77.5°	2.9	0.0	0.0	0.0
-80°	2.9	0.0	0.0	0.0
-82.5°	2.9	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)