

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: P724238

Luminaire Tested: **IFLD-L-SA8A-827-U-22-VI**

Issue Date: 01/11/2023

Test Information

Test Method: LM-79-2019
Report Number: P724238
Test Lab: INNOVATION CENTER(G2)
Issue Date: 01/11/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-L-SA8A-827-U-22-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 2 distribution lens and Visor
Light Source: (128) 2700K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

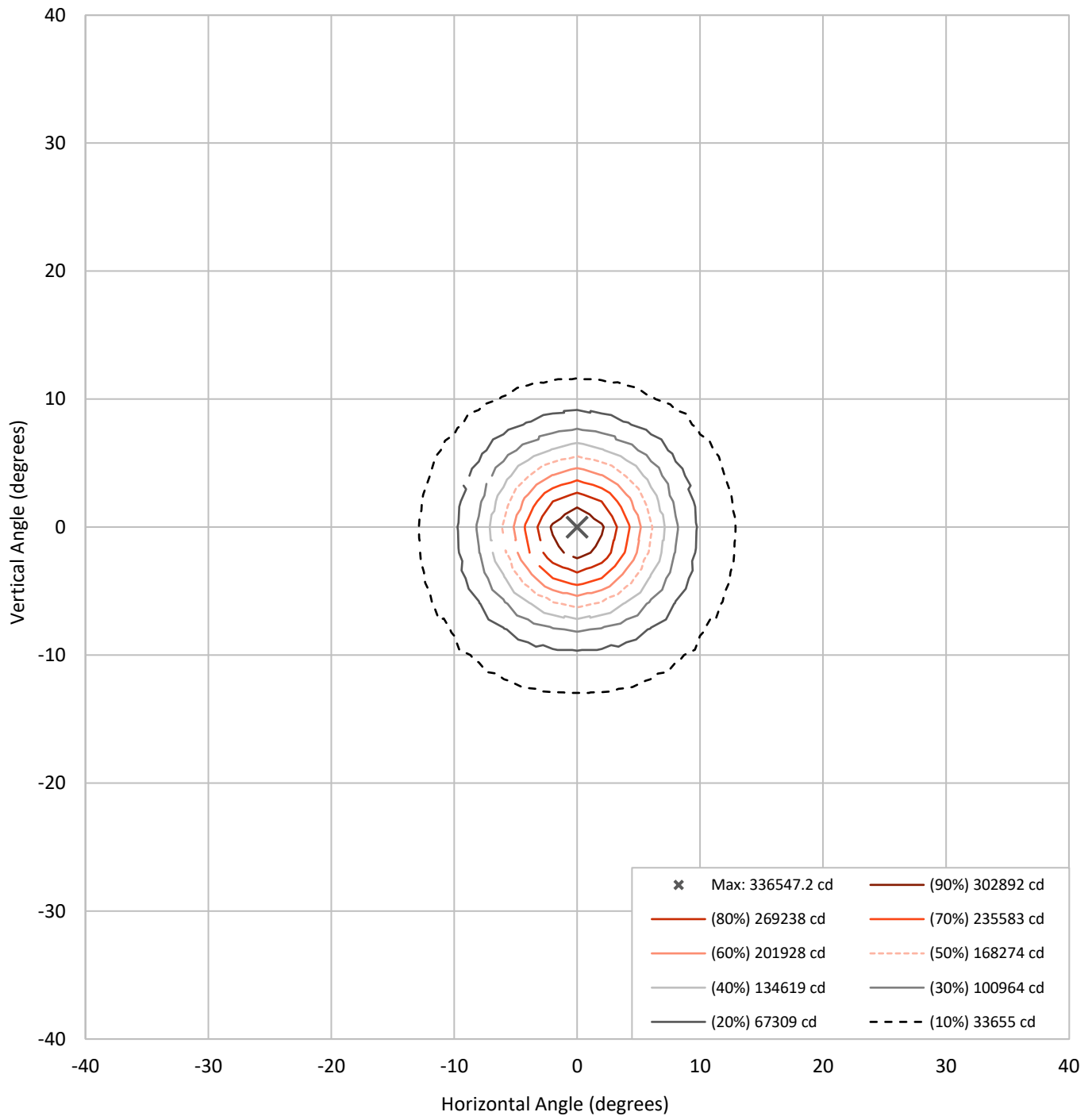
Lumens per Lamp:	N/A	NEMA Type:	2H x 2V
Luminaire Lumens:	23507.9 lumens	Max Intensity:	336547.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	94.9 lumens/watt		
Luminous Opening:	Rectangular (W 2' x L: 1' x H: 0')		
Beam Angle (50%):	12.2°H x 11.7°V	Field Angle (10%):	25.1°H x 24.3°V
Beam Lumens:	7354.4 lumens	Field Lumens:	16733.8 lumens
Beam Efficiency:	31.3%	Field Efficiency:	71.2%

Input Watts (W): 247.8
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





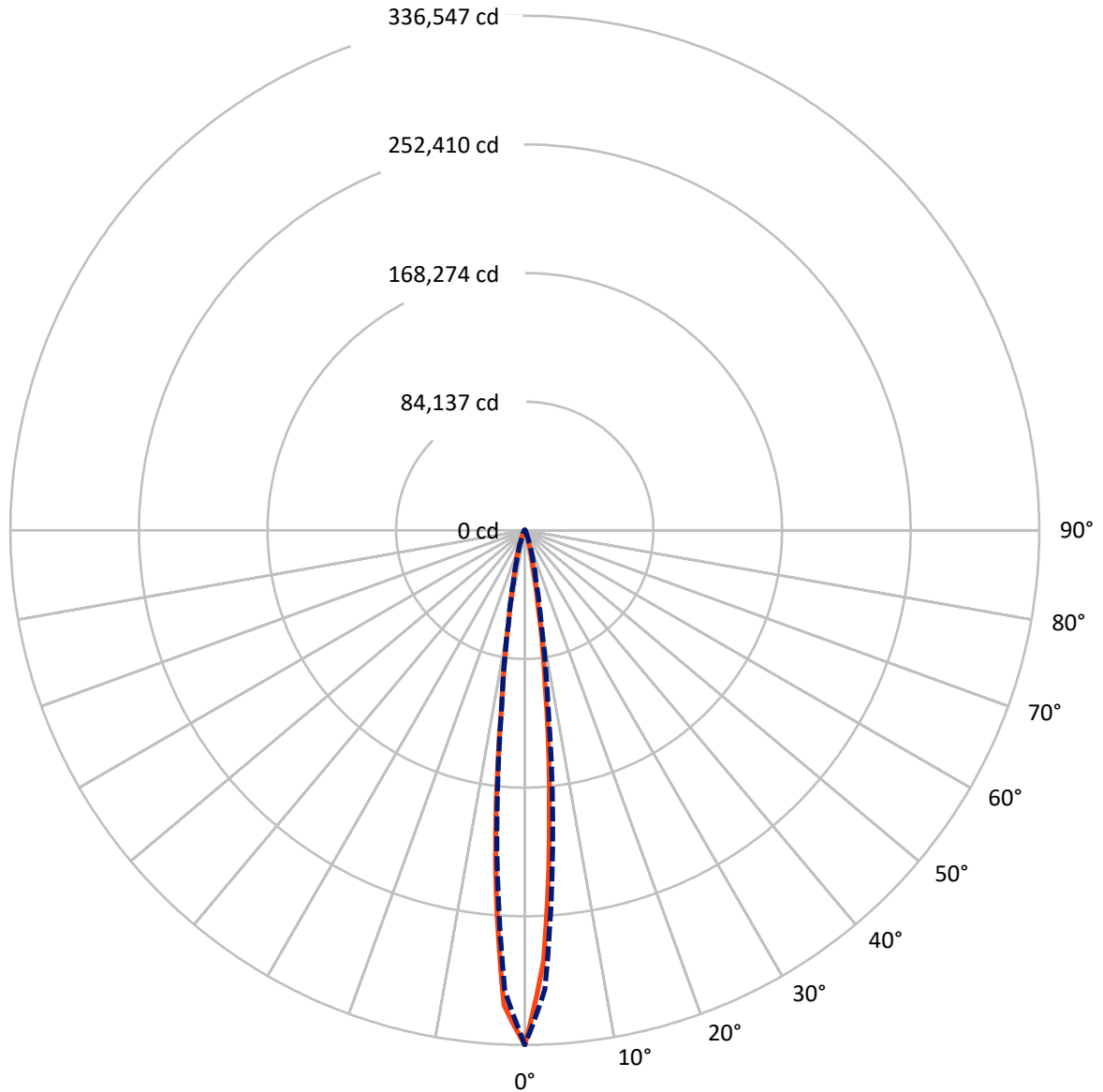
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Lumen Table

90	0.2	1.4		1.2		0.5		0.1		0.5		1.2		1.4		0.2			
80	0.2	1.4		1.2		0.5		0.1		0.5		1.2		1.4		0.2			
70	0.2	0.2	0.3	0.2	0.2	0.2	0.2	0.0	0.0	0.2	0.2	0.2	0.2	0.3	0.2	0.2			
60		0.2	0.3	0.6	1.2	1.8	2.3	2.6	2.6	2.3	1.8	1.2	0.6	0.3	0.2				
50	0.1	0.2	0.7	1.9	3.3	4.7	6.2	7.4	7.4	6.2	4.7	3.3	1.9	0.7	0.2	0.1			
40		0.4	1.6	3.5	6.0	9.5	14.3	17.1	17.1	14.3	9.5	6.0	3.5	1.6	0.4				
30	0.2	0.7	2.5	5.2	9.4	16.3	31.4	50.6	50.6	31.4	16.3	9.4	5.2	2.5	0.7	0.2			
20		1.0	3.4	7.1	14.3	35.5	185.2	468.6	468.6	185.2	35.5	14.3	7.1	3.4	1.0				
10	0.4	1.3	4.0	8.3	17.5	72.0	596.5	3675.8	3675.8	596.5	72.0	17.5	8.3	4.0	1.3	0.4			
0		1.5	4.4	8.8	18.2	82.1	656.4	4048.0	4048.0	656.4	82.1	18.2	8.8	4.4	1.5				
-10	0.5	1.6	4.6	8.7	17.1	49.2	294.6	709.9	709.9	294.6	49.2	17.1	8.7	4.6	1.6	0.5			
-20		1.6	4.5	8.3	14.5	25.1	60.9	114.4	114.4	60.9	25.1	14.5	8.3	4.5	1.6				
-30	0.5	1.4	4.2	7.7	12.0	17.8	25.1	29.5	29.5	25.1	17.8	12.0	7.7	4.2	1.4	0.5			
-40		1.3	3.6	6.9	10.5	13.8	17.5	19.4	19.4	17.5	13.8	10.5	6.9	3.6	1.3				
-50	0.4	1.0	2.9	5.8	9.2	12.1	14.8	16.2	16.2	14.8	12.1	9.2	5.8	2.9	1.0	0.4			
-60		0.8	2.1	4.3	7.0	9.6	12.1	13.5	13.5	12.1	9.6	7.0	4.3	2.1	0.8				
-70	0.2	3.2		8.8		16.2		19.6		16.2		8.8		3.2		0.2			
-80		3.2		8.8		16.2		19.6		16.2		8.8		3.2					
-90	0.2	3.2		8.8		16.2		19.6		16.2		8.8		3.2		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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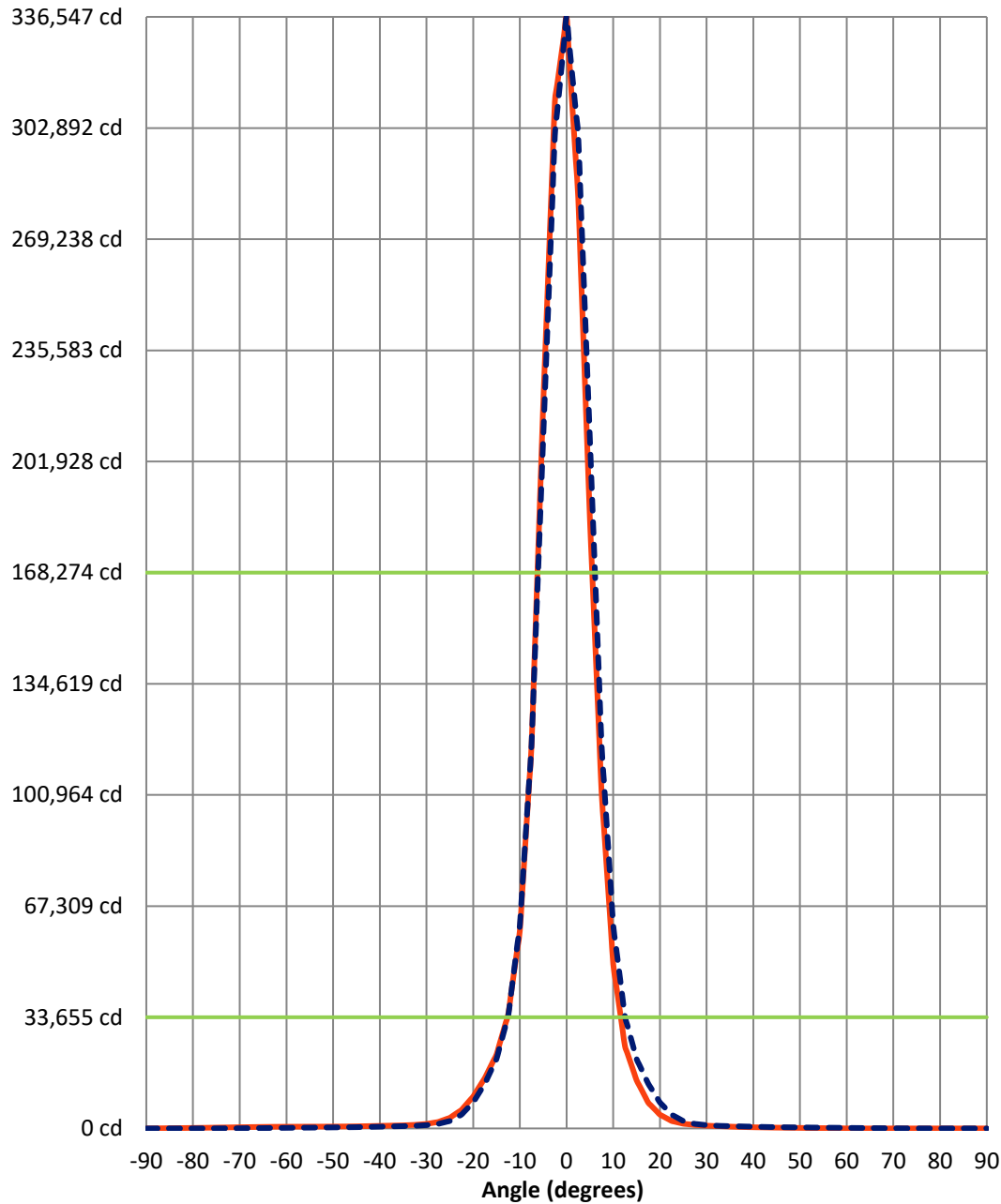
Luminous Intensity Polar Plot



— 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: 7354.4
Efficiency: 31.3%

Field:
H Angle: 25.1°
V Angle: 24.3°
Lumens: 16733.8
Efficiency: 71.2%

Spill:
Lumens: 6774.1
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	4.2	4.2
85°	0.0	0.0	0.0	0.0	4.2	4.2	4.2	4.2	4.2	8.4	8.4
82.5°	0.0	0.0	0.0	0.0	4.2	4.2	4.2	4.2	8.4	8.4	8.4
80°	0.0	0.0	0.0	0.0	4.2	4.2	4.2	4.2	8.4	8.4	8.4
77.5°	0.0	0.0	0.0	0.0	4.2	4.2	4.2	4.2	4.2	4.2	8.4
75°	0.0	0.0	0.0	0.0	4.2	4.2	4.2	4.2	4.2	4.2	4.2
72.5°	0.0	0.0	0.0	0.0	4.2	4.2	4.2	4.2	4.2	4.2	4.2
70°	0.0	0.0	0.0	0.0	4.2	4.2	4.2	4.2	4.2	4.2	4.2
67.5°	0.0	0.0	0.0	0.0	4.2	4.2	4.2	4.2	4.2	4.2	4.2
65°	0.0	0.0	0.0	0.0	4.2	4.2	4.2	4.2	4.2	4.2	4.2
62.5°	0.0	0.0	0.0	0.0	4.2	4.2	4.2	4.2	4.2	4.2	4.2
60°	8.4	8.4	8.4	8.4	12.6	12.6	16.8	16.8	16.8	8.4	16.8
57.5°	67.4	67.4	63.2	59.0	54.7	50.5	50.5	50.5	50.5	50.5	42.1
55°	92.7	92.7	92.7	88.4	88.4	84.2	80.0	75.8	75.8	71.6	67.4
52.5°	109.5	109.5	109.5	109.5	105.3	105.3	105.3	101.1	92.7	92.7	88.4
50°	155.8	151.6	151.6	151.6	151.6	143.2	139.0	130.6	126.3	122.1	117.9
47.5°	202.2	202.2	197.9	197.9	193.7	185.3	176.9	168.5	160.0	155.8	147.4
45°	240.1	240.1	235.8	235.8	231.6	223.2	210.6	197.9	189.5	181.1	172.7
42.5°	294.8	290.6	286.4	282.2	273.7	261.1	244.3	227.4	214.8	202.2	193.7
40°	353.8	353.8	349.6	345.3	332.7	320.1	299.0	278.0	256.9	231.6	219.0
37.5°	425.4	429.6	433.8	433.8	425.4	408.5	379.0	353.8	320.1	286.4	269.5
35°	555.9	555.9	564.3	564.3	551.7	530.7	509.6	454.8	412.7	370.6	332.7
32.5°	699.1	703.3	686.5	673.8	657.0	631.7	593.8	547.5	501.2	446.4	404.3
30°	838.1	838.1	817.0	791.8	758.1	716.0	669.6	619.1	564.3	509.6	459.1
27.5°	1057.1	1036.0	1019.2	977.1	918.1	838.1	779.1	699.1	627.5	564.3	509.6
25°	1419.3	1415.1	1377.2	1305.6	1187.6	1061.3	964.4	829.7	720.2	623.3	560.1
22.5°	2257.4	2227.9	2139.5	1962.6	1684.6	1465.6	1267.7	1057.1	859.2	728.6	627.5
20°	4173.6	4076.8	3840.9	3352.4	2729.1	2299.5	1806.7	1453.0	1120.3	876.0	724.4
17.5°	7787.1	7723.9	7635.5	6506.8	5239.1	4329.4	3221.8	2227.9	1592.0	1145.5	859.2
15°	14597.1	14129.7	13152.6	11800.7	10027.6	7749.2	5698.2	3596.6	2274.2	1524.6	1090.8
12.5°	24953.3	24435.3	21912.6	18530.7	15342.6	12099.7	8494.6	5466.6	3238.7	1937.3	1292.9
10°	49721.3	45960.4	38897.6	29030.0	22658.0	16896.6	11927.0	7458.6	4215.7	2446.9	1533.0
7.5°	101838.9	89549.7	69005.8	48714.7	31531.7	22161.0	15233.1	9753.9	5618.2	3061.8	1752.0
5°	184578.5	162775.4	122631.2	73840.7	45787.7	27775.0	18075.9	11598.5	6650.0	3562.9	1971.0
2.5°	281839.4	253634.9	177292.6	101535.6	56459.7	32121.3	20063.7	12811.5	7307.0	3904.1	2139.5
0°	336547.2	300622.8	208790.6	116246.5	61543.0	33965.9	21036.6	13540.1	7862.9	4182.0	2249.0
-2.5°	310886.3	281965.8	191881.3	107983.5	58809.7	33157.3	21175.5	13721.1	7955.6	4257.9	2299.5
-5°	219113.0	195376.8	132768.3	79686.3	49898.1	30542.0	19979.5	13038.9	7698.7	4148.4	2278.4
-7.5°	115922.2	105182.8	78738.7	57259.9	36421.3	25850.3	17987.4	11830.2	7033.2	3853.5	2152.1
-10°	59892.1	57689.5	49712.8	37474.1	29472.3	21655.7	15351.0	10116.1	5879.3	3318.7	1937.3
-12.5°	34530.3	34155.5	31590.6	27118.0	22599.0	17789.5	12596.7	8250.4	4906.4	2750.1	1634.1
-15°	22359.0	22519.0	21626.2	19764.7	17191.4	13312.6	9678.1	6136.2	3630.3	2227.9	1440.3
-17.5°	15258.4	15216.2	14799.3	13523.2	11451.1	8991.6	6414.2	4333.7	2750.1	1735.1	1196.1
-20°	9652.8	9669.7	9282.2	8402.0	6877.4	5542.4	3992.5	2922.8	1949.9	1364.5	1057.1



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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°	5601.3	5614.0	5369.7	4872.7	4072.5	3285.0	2594.3	1933.1	1436.1	1137.1	926.5
-25°	3217.6	3167.1	3070.2	2830.1	2455.3	2025.7	1722.5	1360.3	1149.7	964.4	846.5
-27.5°	1949.9	1916.2	1865.7	1760.4	1613.0	1398.2	1259.2	1099.2	977.1	867.6	796.0
-30°	1360.3	1373.0	1330.8	1276.1	1208.7	1111.8	1036.0	960.2	880.2	812.8	745.4
-32.5°	1082.4	1090.8	1069.7	1048.7	1015.0	977.1	930.7	876.0	812.8	749.7	686.5
-35°	930.7	935.0	935.0	930.7	922.3	892.8	859.2	808.6	749.7	690.7	635.9
-37.5°	854.9	859.2	859.2	854.9	842.3	817.0	783.3	741.2	686.5	631.7	589.6
-40°	774.9	779.1	774.9	766.5	753.9	728.6	703.3	669.6	627.5	581.2	543.3
-42.5°	699.1	694.9	690.7	682.3	669.6	652.8	631.7	606.5	577.0	543.3	513.8
-45°	627.5	627.5	623.3	619.1	610.7	598.0	585.4	564.3	543.3	518.0	492.7
-47.5°	589.6	589.6	585.4	581.2	577.0	568.6	555.9	539.1	522.2	501.2	480.1
-50°	564.3	564.3	564.3	560.1	555.9	547.5	534.9	522.2	505.4	484.3	463.3
-52.5°	547.5	547.5	547.5	543.3	539.1	534.9	522.2	505.4	484.3	467.5	450.6
-55°	539.1	534.9	534.9	530.7	526.4	522.2	505.4	488.5	471.7	454.8	438.0
-57.5°	526.4	522.2	522.2	518.0	513.8	509.6	492.7	475.9	459.1	438.0	425.4
-60°	513.8	509.6	509.6	501.2	497.0	492.7	475.9	459.1	442.2	425.4	408.5
-62.5°	497.0	492.7	488.5	484.3	475.9	467.5	454.8	438.0	416.9	400.1	383.2
-65°	459.1	454.8	450.6	446.4	442.2	438.0	425.4	404.3	387.5	370.6	353.8
-67.5°	412.7	412.7	412.7	404.3	400.1	391.7	383.2	366.4	349.6	332.7	320.1
-70°	358.0	358.0	358.0	349.6	345.3	341.1	328.5	315.9	303.2	290.6	273.7
-72.5°	303.2	299.0	299.0	294.8	286.4	282.2	273.7	265.3	252.7	244.3	231.6
-75°	248.5	244.3	244.3	240.1	235.8	231.6	223.2	219.0	210.6	202.2	189.5
-77.5°	197.9	197.9	197.9	193.7	189.5	185.3	181.1	176.9	172.7	164.2	155.8
-80°	151.6	151.6	151.6	151.6	151.6	151.6	151.6	147.4	139.0	134.8	130.6
-82.5°	109.5	113.7	113.7	113.7	113.7	113.7	113.7	113.7	109.5	105.3	101.1
-85°	71.6	75.8	75.8	80.0	84.2	84.2	88.4	84.2	80.0	71.6	67.4
-87.5°	37.9	37.9	37.9	37.9	37.9	37.9	37.9	33.7	33.7	33.7	29.5
-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°	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	8.4	8.4	8.4
85°	8.4	8.4	8.4	8.4	12.6	12.6	12.6	16.8	16.8	16.8	16.8
82.5°	8.4	12.6	12.6	12.6	16.8	16.8	21.1	25.3	33.7	37.9	37.9
80°	8.4	12.6	12.6	12.6	16.8	16.8	21.1	21.1	25.3	29.5	37.9
77.5°	8.4	8.4	12.6	12.6	12.6	16.8	16.8	21.1	21.1	25.3	29.5
75°	4.2	8.4	8.4	8.4	12.6	12.6	16.8	16.8	21.1	21.1	25.3
72.5°	4.2	8.4	8.4	8.4	12.6	12.6	16.8	16.8	16.8	21.1	21.1
70°	4.2	8.4	8.4	8.4	8.4	12.6	12.6	12.6	16.8	16.8	16.8
67.5°	4.2	4.2	4.2	8.4	8.4	8.4	8.4	12.6	12.6	12.6	16.8
65°	4.2	4.2	4.2	4.2	8.4	8.4	8.4	8.4	12.6	12.6	12.6
62.5°	4.2	4.2	4.2	8.4	8.4	8.4	8.4	8.4	12.6	12.6	12.6
60°	16.8	16.8	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6
57.5°	37.9	37.9	33.7	29.5	25.3	25.3	21.1	16.8	16.8	12.6	12.6
55°	63.2	59.0	54.7	46.3	42.1	37.9	33.7	25.3	21.1	16.8	12.6
52.5°	80.0	75.8	71.6	67.4	59.0	50.5	46.3	42.1	33.7	25.3	21.1
50°	117.9	105.3	96.9	88.4	80.0	71.6	63.2	59.0	46.3	37.9	29.5
47.5°	143.2	134.8	122.1	113.7	105.3	92.7	80.0	71.6	63.2	50.5	37.9
45°	164.2	155.8	143.2	134.8	126.3	113.7	101.1	88.4	80.0	67.4	50.5
42.5°	185.3	176.9	164.2	155.8	143.2	130.6	117.9	105.3	92.7	84.2	67.4
40°	214.8	202.2	185.3	176.9	168.5	151.6	134.8	122.1	109.5	96.9	80.0
37.5°	252.7	240.1	219.0	202.2	189.5	176.9	160.0	143.2	130.6	113.7	96.9
35°	311.7	290.6	261.1	235.8	219.0	202.2	181.1	164.2	147.4	130.6	113.7
32.5°	370.6	336.9	299.0	269.5	244.3	223.2	202.2	185.3	164.2	143.2	126.3
30°	416.9	379.0	341.1	299.0	269.5	244.3	223.2	202.2	181.1	160.0	139.0
27.5°	463.3	421.2	379.0	336.9	294.8	261.1	240.1	219.0	197.9	176.9	151.6
25°	509.6	463.3	421.2	374.8	324.3	286.4	256.9	240.1	219.0	193.7	164.2
22.5°	551.7	509.6	467.5	416.9	358.0	307.4	278.0	256.9	235.8	206.4	181.1
20°	631.7	577.0	526.4	463.3	395.9	345.3	307.4	278.0	252.7	223.2	193.7
17.5°	737.0	657.0	589.6	518.0	450.6	387.5	332.7	299.0	273.7	240.1	206.4
15°	871.8	732.8	648.6	577.0	497.0	425.4	366.4	320.1	286.4	252.7	223.2
12.5°	972.9	791.8	699.1	631.7	547.5	467.5	391.7	336.9	299.0	265.3	231.6
10°	1086.6	854.9	741.2	665.4	577.0	488.5	408.5	349.6	307.4	278.0	244.3
7.5°	1179.2	905.5	762.3	678.1	593.8	505.4	425.4	362.2	320.1	286.4	252.7
5°	1263.5	947.6	779.1	682.3	602.2	518.0	433.8	370.6	328.5	294.8	261.1
2.5°	1322.4	985.5	796.0	690.7	610.7	526.4	446.4	379.0	336.9	303.2	269.5
0°	1373.0	998.1	791.8	690.7	614.9	526.4	450.6	383.2	341.1	307.4	273.7
-2.5°	1389.8	1019.2	812.8	699.1	623.3	534.9	459.1	387.5	345.3	311.7	282.2
-5°	1389.8	1002.3	812.8	707.5	627.5	539.1	459.1	391.7	349.6	315.9	282.2
-7.5°	1339.3	977.1	808.6	716.0	631.7	543.3	459.1	395.9	353.8	320.1	286.4
-10°	1250.8	939.2	804.4	720.2	631.7	539.1	459.1	395.9	353.8	320.1	290.6
-12.5°	1107.6	888.6	783.3	711.7	623.3	530.7	454.8	395.9	353.8	324.3	290.6
-15°	1036.0	846.5	758.1	686.5	602.2	518.0	446.4	391.7	353.8	324.3	294.8
-17.5°	939.2	812.8	732.8	661.2	585.4	505.4	438.0	391.7	353.8	320.1	294.8
-20°	871.8	774.9	703.3	640.2	564.3	492.7	433.8	387.5	353.8	320.1	294.8



REPORT NUMBER: P724238
 CATALOG NUMBER: IFLD-L-SA8A-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°	812.8	732.8	669.6	606.5	539.1	475.9	425.4	383.2	349.6	320.1	294.8
-25°	766.5	694.9	635.9	577.0	518.0	463.3	416.9	379.0	345.3	320.1	290.6
-27.5°	724.4	657.0	602.2	547.5	492.7	450.6	408.5	374.8	345.3	315.9	286.4
-30°	678.1	623.3	568.6	518.0	480.1	438.0	400.1	366.4	341.1	311.7	282.2
-32.5°	631.7	581.2	534.9	497.0	463.3	429.6	395.9	362.2	332.7	303.2	273.7
-35°	589.6	543.3	509.6	475.9	450.6	421.2	387.5	353.8	328.5	299.0	273.7
-37.5°	547.5	513.8	484.3	459.1	433.8	408.5	374.8	345.3	320.1	290.6	261.1
-40°	513.8	488.5	467.5	446.4	421.2	391.7	366.4	336.9	311.7	282.2	248.5
-42.5°	492.7	471.7	450.6	429.6	408.5	383.2	358.0	328.5	303.2	273.7	240.1
-45°	471.7	454.8	438.0	421.2	400.1	374.8	345.3	315.9	290.6	261.1	235.8
-47.5°	459.1	442.2	425.4	412.7	395.9	362.2	336.9	307.4	278.0	252.7	223.2
-50°	446.4	429.6	416.9	400.1	379.0	349.6	324.3	294.8	269.5	240.1	214.8
-52.5°	433.8	416.9	400.1	383.2	362.2	336.9	311.7	286.4	256.9	227.4	202.2
-55°	421.2	404.3	387.5	370.6	349.6	328.5	303.2	269.5	240.1	210.6	185.3
-57.5°	408.5	395.9	374.8	353.8	332.7	311.7	282.2	252.7	223.2	193.7	172.7
-60°	391.7	374.8	358.0	332.7	311.7	286.4	261.1	235.8	206.4	181.1	160.0
-62.5°	366.4	349.6	332.7	307.4	286.4	265.3	244.3	214.8	193.7	168.5	147.4
-65°	336.9	320.1	303.2	282.2	261.1	240.1	223.2	197.9	176.9	155.8	139.0
-67.5°	303.2	286.4	273.7	252.7	235.8	214.8	197.9	176.9	155.8	139.0	122.1
-70°	261.1	248.5	235.8	219.0	202.2	185.3	168.5	151.6	134.8	122.1	105.3
-72.5°	223.2	210.6	197.9	185.3	172.7	155.8	143.2	130.6	117.9	105.3	96.9
-75°	181.1	172.7	164.2	155.8	143.2	130.6	122.1	109.5	101.1	92.7	88.4
-77.5°	151.6	143.2	134.8	126.3	117.9	109.5	101.1	92.7	88.4	84.2	80.0
-80°	122.1	117.9	113.7	105.3	101.1	92.7	88.4	80.0	80.0	80.0	80.0
-82.5°	96.9	92.7	88.4	84.2	80.0	75.8	75.8	71.6	75.8	75.8	71.6
-85°	67.4	63.2	59.0	59.0	54.7	54.7	50.5	50.5	50.5	46.3	46.3
-87.5°	29.5	29.5	29.5	29.5	25.3	25.3	25.3	25.3	25.3	21.1	21.1
-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: P724238
 CATALOG NUMBER: IFLD-L-SA8A-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°	8.4	8.4	4.2	4.2	4.2	4.2	4.2	4.2	4.2	0.0	0.0
85°	16.8	16.8	12.6	12.6	12.6	8.4	8.4	4.2	4.2	4.2	4.2
82.5°	37.9	33.7	29.5	25.3	21.1	16.8	12.6	8.4	8.4	4.2	4.2
80°	46.3	46.3	46.3	42.1	33.7	25.3	16.8	12.6	8.4	4.2	4.2
77.5°	33.7	33.7	37.9	42.1	42.1	33.7	21.1	12.6	8.4	8.4	4.2
75°	25.3	25.3	25.3	29.5	33.7	33.7	25.3	16.8	8.4	8.4	4.2
72.5°	25.3	25.3	25.3	25.3	25.3	25.3	25.3	16.8	12.6	8.4	8.4
70°	21.1	21.1	21.1	21.1	21.1	21.1	21.1	16.8	12.6	8.4	8.4
67.5°	16.8	16.8	21.1	21.1	21.1	16.8	16.8	16.8	12.6	8.4	8.4
65°	12.6	16.8	16.8	21.1	16.8	16.8	16.8	12.6	12.6	8.4	8.4
62.5°	12.6	12.6	16.8	16.8	16.8	16.8	12.6	12.6	12.6	8.4	8.4
60°	12.6	12.6	12.6	16.8	12.6	12.6	12.6	12.6	12.6	8.4	8.4
57.5°	12.6	12.6	12.6	12.6	12.6	12.6	12.6	8.4	8.4	8.4	8.4
55°	12.6	12.6	12.6	12.6	12.6	12.6	8.4	8.4	8.4	8.4	8.4
52.5°	16.8	12.6	12.6	12.6	12.6	12.6	8.4	8.4	8.4	8.4	8.4
50°	21.1	12.6	12.6	12.6	12.6	8.4	8.4	8.4	8.4	8.4	8.4
47.5°	29.5	21.1	16.8	12.6	12.6	8.4	8.4	8.4	8.4	8.4	4.2
45°	42.1	29.5	21.1	16.8	12.6	8.4	8.4	8.4	8.4	8.4	4.2
42.5°	50.5	37.9	25.3	21.1	16.8	12.6	8.4	8.4	8.4	4.2	4.2
40°	63.2	50.5	33.7	25.3	16.8	12.6	8.4	8.4	8.4	4.2	4.2
37.5°	80.0	63.2	42.1	29.5	21.1	12.6	12.6	8.4	8.4	4.2	4.2
35°	92.7	71.6	54.7	33.7	25.3	16.8	12.6	8.4	8.4	4.2	4.2
32.5°	105.3	84.2	67.4	42.1	29.5	21.1	16.8	8.4	8.4	4.2	4.2
30°	117.9	96.9	75.8	54.7	37.9	25.3	16.8	8.4	8.4	4.2	4.2
27.5°	130.6	105.3	84.2	63.2	42.1	29.5	21.1	12.6	8.4	4.2	4.2
25°	143.2	117.9	92.7	71.6	46.3	33.7	21.1	12.6	8.4	8.4	4.2
22.5°	151.6	130.6	105.3	80.0	54.7	37.9	25.3	16.8	8.4	8.4	4.2
20°	164.2	143.2	113.7	88.4	63.2	42.1	25.3	16.8	8.4	8.4	4.2
17.5°	176.9	151.6	122.1	96.9	71.6	46.3	29.5	21.1	8.4	8.4	4.2
15°	189.5	160.0	130.6	101.1	75.8	50.5	29.5	21.1	8.4	8.4	4.2
12.5°	202.2	172.7	139.0	109.5	80.0	54.7	33.7	25.3	12.6	8.4	4.2
10°	210.6	181.1	147.4	113.7	84.2	63.2	37.9	25.3	12.6	8.4	4.2
7.5°	223.2	189.5	155.8	122.1	88.4	67.4	42.1	25.3	12.6	8.4	4.2
5°	227.4	197.9	160.0	130.6	92.7	71.6	46.3	29.5	12.6	8.4	4.2
2.5°	231.6	206.4	164.2	134.8	96.9	71.6	46.3	29.5	16.8	8.4	4.2
0°	235.8	210.6	168.5	139.0	101.1	75.8	50.5	29.5	16.8	8.4	4.2
-2.5°	240.1	214.8	176.9	143.2	105.3	80.0	54.7	29.5	16.8	8.4	4.2
-5°	244.3	214.8	185.3	147.4	109.5	80.0	54.7	33.7	21.1	8.4	4.2
-7.5°	248.5	219.0	189.5	151.6	113.7	80.0	59.0	33.7	21.1	12.6	4.2
-10°	252.7	223.2	193.7	155.8	113.7	84.2	59.0	33.7	21.1	12.6	4.2
-12.5°	256.9	227.4	193.7	155.8	117.9	84.2	59.0	37.9	21.1	12.6	4.2
-15°	261.1	227.4	193.7	155.8	117.9	88.4	63.2	37.9	21.1	12.6	8.4
-17.5°	261.1	227.4	193.7	160.0	117.9	88.4	63.2	37.9	21.1	12.6	8.4
-20°	261.1	227.4	193.7	160.0	117.9	88.4	63.2	37.9	21.1	12.6	8.4



REPORT NUMBER: P724238

CATALOG NUMBER: IFLD-L-SA8A-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°	256.9	223.2	193.7	155.8	117.9	88.4	63.2	37.9	25.3	12.6	8.4
-25°	256.9	223.2	193.7	155.8	117.9	88.4	59.0	37.9	25.3	12.6	8.4
-27.5°	252.7	223.2	189.5	151.6	113.7	84.2	59.0	37.9	25.3	12.6	8.4
-30°	248.5	219.0	185.3	147.4	113.7	84.2	59.0	37.9	25.3	12.6	8.4
-32.5°	244.3	210.6	181.1	143.2	109.5	80.0	59.0	37.9	25.3	12.6	8.4
-35°	235.8	206.4	172.7	139.0	105.3	80.0	54.7	37.9	25.3	16.8	8.4
-37.5°	227.4	197.9	168.5	134.8	101.1	75.8	54.7	37.9	25.3	16.8	8.4
-40°	219.0	193.7	160.0	126.3	96.9	71.6	54.7	37.9	25.3	16.8	12.6
-42.5°	210.6	185.3	155.8	122.1	96.9	71.6	50.5	37.9	25.3	16.8	12.6
-45°	206.4	181.1	147.4	117.9	92.7	71.6	50.5	33.7	25.3	16.8	12.6
-47.5°	197.9	168.5	139.0	113.7	88.4	67.4	46.3	33.7	25.3	16.8	12.6
-50°	185.3	160.0	134.8	109.5	84.2	63.2	46.3	33.7	25.3	16.8	12.6
-52.5°	172.7	147.4	126.3	101.1	80.0	63.2	46.3	33.7	25.3	16.8	12.6
-55°	160.0	139.0	117.9	96.9	75.8	59.0	42.1	33.7	25.3	16.8	12.6
-57.5°	151.6	130.6	109.5	88.4	71.6	54.7	42.1	29.5	21.1	16.8	12.6
-60°	143.2	122.1	101.1	84.2	67.4	54.7	42.1	29.5	21.1	16.8	8.4
-62.5°	130.6	113.7	92.7	80.0	63.2	50.5	37.9	29.5	21.1	16.8	8.4
-65°	117.9	101.1	84.2	71.6	59.0	46.3	37.9	29.5	21.1	16.8	8.4
-67.5°	105.3	92.7	80.0	67.4	54.7	46.3	37.9	29.5	21.1	12.6	8.4
-70°	96.9	84.2	71.6	63.2	54.7	42.1	37.9	29.5	21.1	12.6	8.4
-72.5°	84.2	75.8	67.4	59.0	50.5	46.3	37.9	29.5	16.8	12.6	8.4
-75°	80.0	71.6	63.2	59.0	54.7	46.3	37.9	25.3	16.8	12.6	8.4
-77.5°	80.0	71.6	67.4	63.2	54.7	46.3	33.7	21.1	12.6	12.6	8.4
-80°	80.0	75.8	71.6	59.0	50.5	37.9	25.3	21.1	12.6	8.4	4.2
-82.5°	71.6	59.0	50.5	42.1	37.9	29.5	21.1	16.8	8.4	8.4	4.2
-85°	46.3	37.9	33.7	29.5	25.3	21.1	12.6	8.4	8.4	4.2	4.2
-87.5°	21.1	21.1	16.8	12.6	12.6	8.4	8.4	4.2	4.2	4.2	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: P724238
 CATALOG NUMBER: IFLD-L-SA8A-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°	4.2	0.0	0.0	0.0
77.5°	4.2	0.0	0.0	0.0
75°	4.2	4.2	0.0	0.0
72.5°	4.2	4.2	0.0	0.0
70°	4.2	4.2	0.0	0.0
67.5°	4.2	4.2	0.0	0.0
65°	4.2	4.2	0.0	0.0
62.5°	4.2	4.2	0.0	0.0
60°	4.2	4.2	0.0	0.0
57.5°	4.2	4.2	4.2	0.0
55°	4.2	4.2	4.2	0.0
52.5°	4.2	4.2	4.2	0.0
50°	4.2	4.2	4.2	0.0
47.5°	4.2	4.2	4.2	0.0
45°	4.2	4.2	4.2	0.0
42.5°	4.2	4.2	4.2	0.0
40°	4.2	4.2	4.2	0.0
37.5°	4.2	4.2	4.2	0.0
35°	4.2	4.2	4.2	0.0
32.5°	4.2	4.2	4.2	0.0
30°	4.2	4.2	4.2	0.0
27.5°	4.2	4.2	4.2	0.0
25°	4.2	4.2	4.2	0.0
22.5°	4.2	4.2	4.2	0.0
20°	4.2	4.2	4.2	0.0
17.5°	4.2	4.2	4.2	0.0
15°	4.2	4.2	4.2	0.0
12.5°	4.2	4.2	4.2	0.0
10°	4.2	4.2	4.2	0.0
7.5°	4.2	4.2	4.2	0.0
5°	4.2	4.2	4.2	0.0
2.5°	4.2	4.2	4.2	0.0
0°	4.2	4.2	4.2	0.0
-2.5°	4.2	4.2	4.2	0.0
-5°	4.2	4.2	4.2	0.0
-7.5°	4.2	4.2	4.2	0.0
-10°	4.2	4.2	4.2	0.0
-12.5°	4.2	4.2	4.2	0.0
-15°	4.2	4.2	4.2	0.0
-17.5°	4.2	4.2	4.2	0.0
-20°	4.2	4.2	4.2	0.0



REPORT NUMBER: P724238

CATALOG NUMBER: IFLD-L-SA8A-827-U-22-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	4.2	4.2	4.2	0.0
-25°	4.2	4.2	4.2	0.0
-27.5°	4.2	4.2	4.2	0.0
-30°	4.2	4.2	4.2	0.0
-32.5°	4.2	4.2	4.2	0.0
-35°	4.2	4.2	4.2	0.0
-37.5°	4.2	4.2	4.2	0.0
-40°	4.2	4.2	4.2	0.0
-42.5°	4.2	4.2	4.2	0.0
-45°	4.2	4.2	4.2	0.0
-47.5°	4.2	4.2	4.2	0.0
-50°	4.2	4.2	4.2	0.0
-52.5°	4.2	4.2	4.2	0.0
-55°	4.2	4.2	4.2	0.0
-57.5°	4.2	4.2	4.2	0.0
-60°	4.2	4.2	0.0	0.0
-62.5°	4.2	4.2	0.0	0.0
-65°	4.2	4.2	0.0	0.0
-67.5°	4.2	4.2	0.0	0.0
-70°	4.2	4.2	0.0	0.0
-72.5°	4.2	4.2	0.0	0.0
-75°	4.2	4.2	0.0	0.0
-77.5°	4.2	0.0	0.0	0.0
-80°	4.2	0.0	0.0	0.0
-82.5°	4.2	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)