

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: P724264

Luminaire Tested: **IFLD-L-SA7C-830-U-22-VI**

Issue Date: 01/11/2023

Test Information

Test Method: LM-79-2019
Report Number: P724264
Test Lab: INNOVATION CENTER(G2)
Issue Date: 01/11/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-L-SA7C-830-U-22-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 2 distribution lens and Visor
Light Source: (112) 3000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

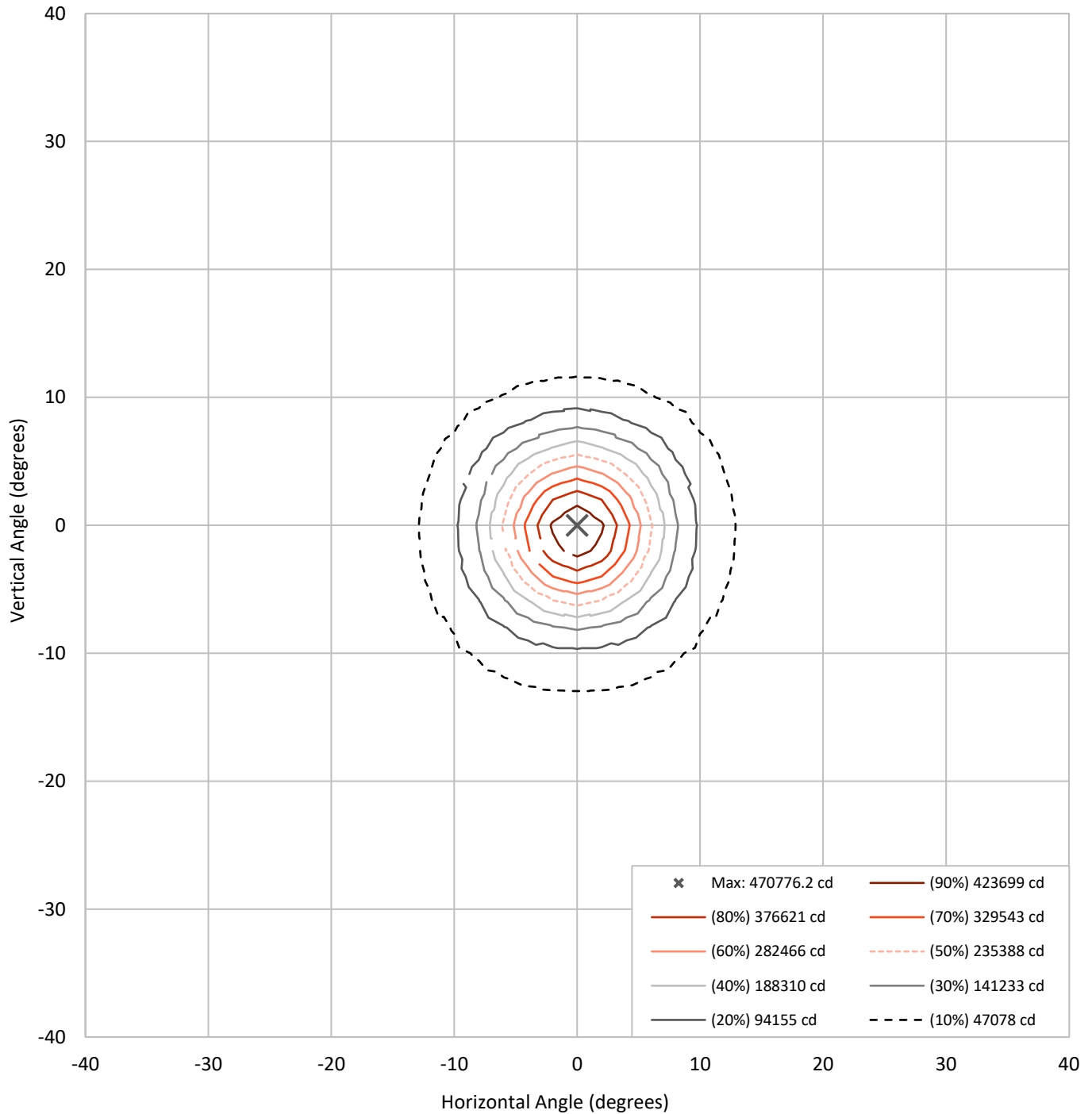
Lumens per Lamp:	N/A	NEMA Type:	2H x 2V
Luminaire Lumens:	32883.9 lumens	Max Intensity:	470776.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	89.1 lumens/watt		
Luminous Opening:	Rectangular (W 2' x L: 1' x H: 0')		
Beam Angle (50%):	12.2°H x 11.7°V	Field Angle (10%):	25.1°H x 24.3°V
Beam Lumens:	10287.6 lumens	Field Lumens:	23408 lumens
Beam Efficiency:	31.3%	Field Efficiency:	71.2%

Input Watts (W): 369
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





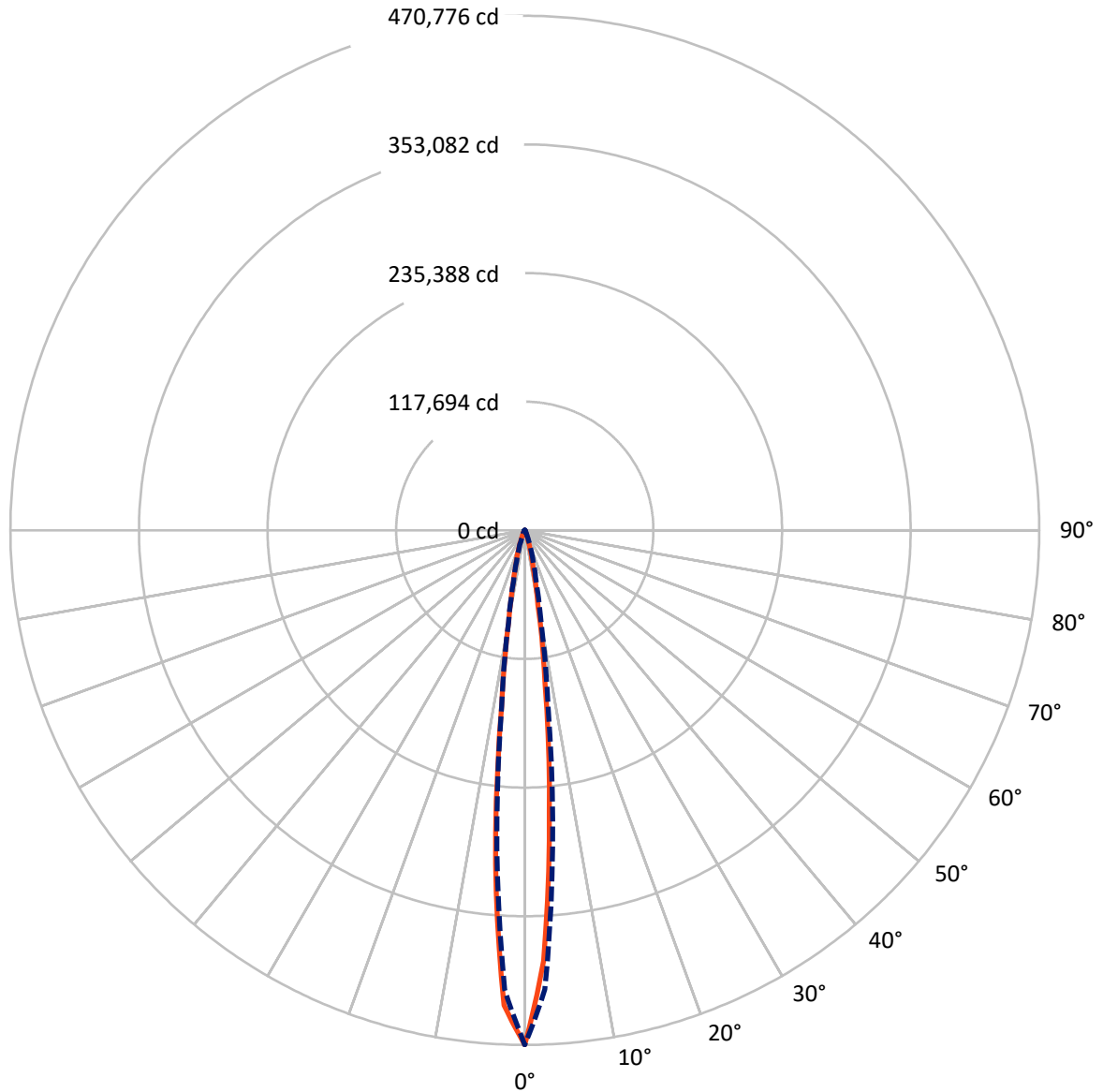
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Lumen Table

90	0.2	2.0		1.7		0.8		0.1		0.8		1.7		2.0		0.2			
80	0.2	2.0		1.7		0.8		0.1		0.8		1.7		2.0		0.2			
70	0.3	0.3	0.4	0.3	0.3	0.2	0.2	0.1	0.1	0.2	0.2	0.3	0.3	0.4	0.3	0.3			
60		0.2	0.4	0.9	1.7	2.5	3.2	3.6	3.6	3.2	2.5	1.7	0.9	0.4	0.2				
50	0.2	0.3	1.0	2.7	4.7	6.6	8.7	10.3	10.3	8.7	6.6	4.7	2.7	1.0	0.3	0.2			
40		0.5	2.3	5.0	8.4	13.2	20.0	23.9	23.9	20.0	13.2	8.4	5.0	2.3	0.5				
30	0.3	1.0	3.5	7.2	13.2	22.7	43.9	70.8	70.8	43.9	22.7	13.2	7.2	3.5	1.0	0.3			
20		1.4	4.7	9.9	20.0	49.6	259.1	655.4	655.4	259.1	49.6	20.0	9.9	4.7	1.4				
10	0.5	1.8	5.6	11.6	24.4	100.7	834.4	5141.9	5141.9	834.4	100.7	24.4	11.6	5.6	1.8	0.5			
0		2.1	6.1	12.3	25.5	114.8	918.2	5662.6	5662.6	918.2	114.8	25.5	12.3	6.1	2.1				
-10	0.7	2.3	6.4	12.2	23.9	68.8	412.1	993.1	993.1	412.1	68.8	23.9	12.2	6.4	2.3	0.7			
-20		2.2	6.3	11.6	20.2	35.1	85.2	160.0	160.0	85.2	35.1	20.2	11.6	6.3	2.2				
-30	0.7	2.0	5.8	10.8	16.8	24.9	35.2	41.3	41.3	35.2	24.9	16.8	10.8	5.8	2.0	0.7			
-40		1.8	5.1	9.6	14.6	19.3	24.5	27.2	27.2	24.5	19.3	14.6	9.6	5.1	1.8				
-50	0.6	1.4	4.0	8.1	12.8	16.9	20.7	22.6	22.6	20.7	16.9	12.8	8.1	4.0	1.4	0.6			
-60		1.1	2.9	6.0	9.8	13.5	17.0	18.8	18.8	17.0	13.5	9.8	6.0	2.9	1.1				
-70	0.3	4.5		12.3		22.7		27.4		22.7		12.3		4.5		0.3			
-80		4.5		12.3		22.7		27.4		22.7		12.3		4.5					
-90	0.3	4.5		12.3		22.7		27.4		22.7		12.3		4.5		0.3			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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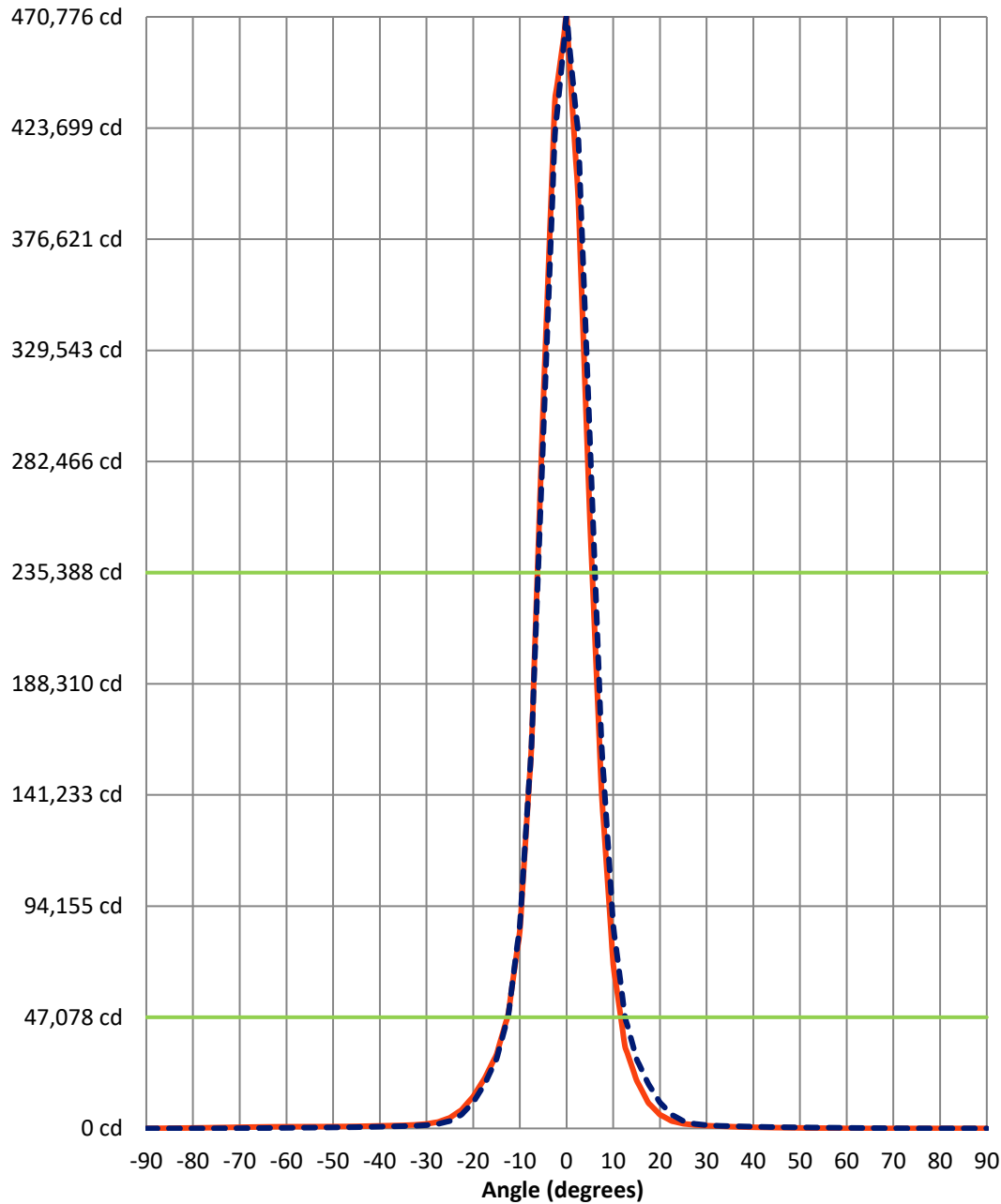
Luminous Intensity Polar Plot



— 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: 10287.6
Efficiency: 31.3%

Field:
H Angle: 25.1°
V Angle: 24.3°
Lumens: 23408
Efficiency: 71.2%

Spill:
Lumens: 9475.9
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	5.9	5.9
85°	0.0	0.0	0.0	0.0	5.9	5.9	5.9	5.9	5.9	11.8	11.8
82.5°	0.0	0.0	0.0	0.0	5.9	5.9	5.9	5.9	11.8	11.8	11.8
80°	0.0	0.0	0.0	0.0	5.9	5.9	5.9	5.9	11.8	11.8	11.8
77.5°	0.0	0.0	0.0	0.0	5.9	5.9	5.9	5.9	5.9	5.9	11.8
75°	0.0	0.0	0.0	0.0	5.9	5.9	5.9	5.9	5.9	5.9	5.9
72.5°	0.0	0.0	0.0	0.0	5.9	5.9	5.9	5.9	5.9	5.9	5.9
70°	0.0	0.0	0.0	0.0	5.9	5.9	5.9	5.9	5.9	5.9	5.9
67.5°	0.0	0.0	0.0	0.0	5.9	5.9	5.9	5.9	5.9	5.9	5.9
65°	0.0	0.0	0.0	0.0	5.9	5.9	5.9	5.9	5.9	5.9	5.9
62.5°	0.0	0.0	0.0	0.0	5.9	5.9	5.9	5.9	5.9	5.9	5.9
60°	11.8	11.8	11.8	11.8	17.7	17.7	23.6	23.6	23.6	11.8	23.6
57.5°	94.3	94.3	88.4	82.5	76.6	70.7	70.7	70.7	70.7	70.7	58.9
55°	129.6	129.6	129.6	123.7	123.7	117.8	111.9	106.0	106.0	100.2	94.3
52.5°	153.2	153.2	153.2	153.2	147.3	147.3	147.3	141.4	129.6	129.6	123.7
50°	218.0	212.1	212.1	212.1	212.1	200.3	194.4	182.6	176.7	170.8	165.0
47.5°	282.8	282.8	276.9	276.9	271.0	259.2	247.4	235.7	223.9	218.0	206.2
45°	335.8	335.8	329.9	329.9	324.0	312.2	294.6	276.9	265.1	253.3	241.5
42.5°	412.4	406.5	400.6	394.7	382.9	365.3	341.7	318.1	300.5	282.8	271.0
40°	494.9	494.9	489.0	483.1	465.4	447.7	418.3	388.8	359.4	324.0	306.3
37.5°	595.0	600.9	606.8	606.8	595.0	571.5	530.2	494.9	447.7	400.6	377.0
35°	777.6	777.6	789.4	789.4	771.8	742.3	712.8	636.3	577.3	518.4	465.4
32.5°	977.9	983.8	960.3	942.6	919.0	883.7	830.7	765.9	701.1	624.5	565.6
30°	1172.4	1172.4	1142.9	1107.6	1060.4	1001.5	936.7	866.0	789.4	712.8	642.1
27.5°	1478.7	1449.2	1425.7	1366.8	1284.3	1172.4	1089.9	977.9	877.8	789.4	712.8
25°	1985.4	1979.5	1926.4	1826.3	1661.3	1484.6	1349.1	1160.6	1007.4	871.9	783.5
22.5°	3157.7	3116.5	2992.8	2745.3	2356.5	2050.2	1773.3	1478.7	1201.8	1019.2	877.8
20°	5838.2	5702.7	5372.8	4689.4	3817.5	3216.6	2527.3	2032.5	1567.1	1225.4	1013.3
17.5°	10892.9	10804.6	10680.8	9102.0	7328.7	6056.2	4506.8	3116.5	2226.9	1602.4	1201.8
15°	20419.1	19765.2	18398.4	16507.3	14027.1	10839.9	7970.9	5031.1	3181.3	2132.6	1525.8
12.5°	34905.7	34181.1	30652.2	25921.5	21461.8	16925.6	11882.7	7646.9	4530.4	2710.0	1808.6
10°	69552.2	64291.3	54411.6	40608.4	31695.0	23635.7	16684.0	10433.4	5897.1	3422.8	2144.4
7.5°	142456.5	125265.8	96528.2	68144.2	44107.8	30999.8	21308.7	13644.2	7858.9	4282.9	2450.8
5°	258196.1	227697.1	171541.6	103291.4	64049.7	38852.8	25285.3	16224.5	9302.3	4984.0	2757.1
2.5°	394248.8	354795.0	248004.2	142032.3	78978.2	44932.6	28065.9	17921.2	10221.3	5461.2	2992.8
0°	470776.2	420523.8	292064.9	162610.5	86088.9	47513.0	29426.8	18940.4	10999.0	5850.0	3145.9
-2.5°	434880.8	394425.5	268411.5	151051.8	82265.5	46381.9	29621.2	19193.7	11128.6	5956.1	3216.6
-5°	306504.4	273301.3	185721.9	111468.5	69799.6	42723.4	27948.1	18239.3	10769.2	5802.9	3187.2
-7.5°	162156.8	147134.1	110142.9	80097.5	50947.6	36160.5	25161.6	16548.5	9838.4	5390.5	3010.4
-10°	83779.6	80698.4	69540.4	52420.4	41227.0	30292.8	21473.6	14150.8	8224.2	4642.3	2710.0
-12.5°	48302.4	47778.1	44190.3	37933.8	31612.5	24884.7	17620.7	11541.0	6863.3	3847.0	2285.8
-15°	31276.7	31500.5	30251.6	27647.7	24048.1	18622.3	13538.1	8583.6	5078.3	3116.5	2014.8
-17.5°	21344.0	21285.1	20701.9	18916.8	16018.3	12577.8	8972.4	6062.1	3847.0	2427.2	1673.1
-20°	13502.8	13526.3	12984.3	11753.1	9620.4	7752.9	5584.9	4088.5	2727.7	1908.8	1478.7



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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°	7835.4	7853.0	7511.4	6816.2	5696.8	4595.2	3629.0	2704.1	2008.9	1590.6	1296.1
-25°	4500.9	4430.2	4294.7	3958.9	3434.6	2833.7	2409.5	1902.9	1608.3	1349.1	1184.1
-27.5°	2727.7	2680.5	2609.8	2462.5	2256.4	1955.9	1761.5	1537.6	1366.8	1213.6	1113.4
-30°	1902.9	1920.5	1861.6	1785.1	1690.8	1555.3	1449.2	1343.2	1231.3	1137.0	1042.8
-32.5°	1514.1	1525.8	1496.4	1466.9	1419.8	1366.8	1302.0	1225.4	1137.0	1048.6	960.3
-35°	1302.0	1307.9	1307.9	1302.0	1290.2	1248.9	1201.8	1131.1	1048.6	966.2	889.6
-37.5°	1195.9	1201.8	1201.8	1195.9	1178.3	1142.9	1095.8	1036.9	960.3	883.7	824.8
-40°	1084.0	1089.9	1084.0	1072.2	1054.5	1019.2	983.8	936.7	877.8	813.0	760.0
-42.5°	977.9	972.1	966.2	954.4	936.7	913.1	883.7	848.3	807.1	760.0	718.7
-45°	877.8	877.8	871.9	866.0	854.2	836.6	818.9	789.4	760.0	724.6	689.3
-47.5°	824.8	824.8	818.9	813.0	807.1	795.3	777.6	754.1	730.5	701.1	671.6
-50°	789.4	789.4	789.4	783.5	777.6	765.9	748.2	730.5	707.0	677.5	648.0
-52.5°	765.9	765.9	765.9	760.0	754.1	748.2	730.5	707.0	677.5	653.9	630.4
-55°	754.1	748.2	748.2	742.3	736.4	730.5	707.0	683.4	659.8	636.3	612.7
-57.5°	736.4	730.5	730.5	724.6	718.7	712.8	689.3	665.7	642.1	612.7	595.0
-60°	718.7	712.8	712.8	701.1	695.2	689.3	665.7	642.1	618.6	595.0	571.5
-62.5°	695.2	689.3	683.4	677.5	665.7	653.9	636.3	612.7	583.2	559.7	536.1
-65°	642.1	636.3	630.4	624.5	618.6	612.7	595.0	565.6	542.0	518.4	494.9
-67.5°	577.3	577.3	577.3	565.6	559.7	547.9	536.1	512.5	489.0	465.4	447.7
-70°	500.8	500.8	500.8	489.0	483.1	477.2	459.5	441.8	424.2	406.5	382.9
-72.5°	424.2	418.3	418.3	412.4	400.6	394.7	382.9	371.1	353.5	341.7	324.0
-75°	347.6	341.7	341.7	335.8	329.9	324.0	312.2	306.3	294.6	282.8	265.1
-77.5°	276.9	276.9	276.9	271.0	265.1	259.2	253.3	247.4	241.5	229.8	218.0
-80°	212.1	212.1	212.1	212.1	212.1	212.1	212.1	206.2	194.4	188.5	182.6
-82.5°	153.2	159.1	159.1	159.1	159.1	159.1	159.1	159.1	153.2	147.3	141.4
-85°	100.2	106.0	106.0	111.9	117.8	117.8	123.7	117.8	111.9	100.2	94.3
-87.5°	53.0	53.0	53.0	53.0	53.0	53.0	53.0	47.1	47.1	47.1	41.2
-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°	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	11.8	11.8	11.8
85°	11.8	11.8	11.8	11.8	17.7	17.7	17.7	23.6	23.6	23.6	23.6
82.5°	11.8	17.7	17.7	17.7	23.6	23.6	29.5	35.3	47.1	53.0	53.0
80°	11.8	17.7	17.7	17.7	23.6	23.6	29.5	29.5	35.3	41.2	53.0
77.5°	11.8	11.8	17.7	17.7	17.7	23.6	23.6	29.5	29.5	35.3	41.2
75°	5.9	11.8	11.8	11.8	17.7	17.7	23.6	23.6	29.5	29.5	35.3
72.5°	5.9	11.8	11.8	11.8	17.7	17.7	23.6	23.6	23.6	29.5	29.5
70°	5.9	11.8	11.8	11.8	11.8	17.7	17.7	17.7	23.6	23.6	23.6
67.5°	5.9	5.9	5.9	11.8	11.8	11.8	11.8	17.7	17.7	17.7	23.6
65°	5.9	5.9	5.9	5.9	11.8	11.8	11.8	11.8	17.7	17.7	17.7
62.5°	5.9	5.9	5.9	11.8	11.8	11.8	11.8	11.8	17.7	17.7	17.7
60°	23.6	23.6	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7
57.5°	53.0	53.0	47.1	41.2	35.3	35.3	29.5	23.6	23.6	17.7	17.7
55°	88.4	82.5	76.6	64.8	58.9	53.0	47.1	35.3	29.5	23.6	17.7
52.5°	111.9	106.0	100.2	94.3	82.5	70.7	64.8	58.9	47.1	35.3	29.5
50°	165.0	147.3	135.5	123.7	111.9	100.2	88.4	82.5	64.8	53.0	41.2
47.5°	200.3	188.5	170.8	159.1	147.3	129.6	111.9	100.2	88.4	70.7	53.0
45°	229.8	218.0	200.3	188.5	176.7	159.1	141.4	123.7	111.9	94.3	70.7
42.5°	259.2	247.4	229.8	218.0	200.3	182.6	165.0	147.3	129.6	117.8	94.3
40°	300.5	282.8	259.2	247.4	235.7	212.1	188.5	170.8	153.2	135.5	111.9
37.5°	353.5	335.8	306.3	282.8	265.1	247.4	223.9	200.3	182.6	159.1	135.5
35°	436.0	406.5	365.3	329.9	306.3	282.8	253.3	229.8	206.2	182.6	159.1
32.5°	518.4	471.3	418.3	377.0	341.7	312.2	282.8	259.2	229.8	200.3	176.7
30°	583.2	530.2	477.2	418.3	377.0	341.7	312.2	282.8	253.3	223.9	194.4
27.5°	648.0	589.1	530.2	471.3	412.4	365.3	335.8	306.3	276.9	247.4	212.1
25°	712.8	648.0	589.1	524.3	453.6	400.6	359.4	335.8	306.3	271.0	229.8
22.5°	771.8	712.8	653.9	583.2	500.8	430.1	388.8	359.4	329.9	288.7	253.3
20°	883.7	807.1	736.4	648.0	553.8	483.1	430.1	388.8	353.5	312.2	271.0
17.5°	1031.0	919.0	824.8	724.6	630.4	542.0	465.4	418.3	382.9	335.8	288.7
15°	1219.5	1025.1	907.3	807.1	695.2	595.0	512.5	447.7	400.6	353.5	312.2
12.5°	1360.9	1107.6	977.9	883.7	765.9	653.9	547.9	471.3	418.3	371.1	324.0
10°	1519.9	1195.9	1036.9	930.8	807.1	683.4	571.5	489.0	430.1	388.8	341.7
7.5°	1649.6	1266.6	1066.3	948.5	830.7	707.0	595.0	506.6	447.7	400.6	353.5
5°	1767.4	1325.5	1089.9	954.4	842.4	724.6	606.8	518.4	459.5	412.4	365.3
2.5°	1849.9	1378.6	1113.4	966.2	854.2	736.4	624.5	530.2	471.3	424.2	377.0
0°	1920.5	1396.2	1107.6	966.2	860.1	736.4	630.4	536.1	477.2	430.1	382.9
-2.5°	1944.1	1425.7	1137.0	977.9	871.9	748.2	642.1	542.0	483.1	436.0	394.7
-5°	1944.1	1402.1	1137.0	989.7	877.8	754.1	642.1	547.9	489.0	441.8	394.7
-7.5°	1873.4	1366.8	1131.1	1001.5	883.7	760.0	642.1	553.8	494.9	447.7	400.6
-10°	1749.7	1313.8	1125.2	1007.4	883.7	754.1	642.1	553.8	494.9	447.7	406.5
-12.5°	1549.4	1243.1	1095.8	995.6	871.9	742.3	636.3	553.8	494.9	453.6	406.5
-15°	1449.2	1184.1	1060.4	960.3	842.4	724.6	624.5	547.9	494.9	453.6	412.4
-17.5°	1313.8	1137.0	1025.1	924.9	818.9	707.0	612.7	547.9	494.9	447.7	412.4
-20°	1219.5	1084.0	983.8	895.5	789.4	689.3	606.8	542.0	494.9	447.7	412.4



REPORT NUMBER: P724264

CATALOG NUMBER: IFLD-L-SA7C-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°	1137.0	1025.1	936.7	848.3	754.1	665.7	595.0	536.1	489.0	447.7	412.4
-25°	1072.2	972.1	889.6	807.1	724.6	648.0	583.2	530.2	483.1	447.7	406.5
-27.5°	1013.3	919.0	842.4	765.9	689.3	630.4	571.5	524.3	483.1	441.8	400.6
-30°	948.5	871.9	795.3	724.6	671.6	612.7	559.7	512.5	477.2	436.0	394.7
-32.5°	883.7	813.0	748.2	695.2	648.0	600.9	553.8	506.6	465.4	424.2	382.9
-35°	824.8	760.0	712.8	665.7	630.4	589.1	542.0	494.9	459.5	418.3	382.9
-37.5°	765.9	718.7	677.5	642.1	606.8	571.5	524.3	483.1	447.7	406.5	365.3
-40°	718.7	683.4	653.9	624.5	589.1	547.9	512.5	471.3	436.0	394.7	347.6
-42.5°	689.3	659.8	630.4	600.9	571.5	536.1	500.8	459.5	424.2	382.9	335.8
-45°	659.8	636.3	612.7	589.1	559.7	524.3	483.1	441.8	406.5	365.3	329.9
-47.5°	642.1	618.6	595.0	577.3	553.8	506.6	471.3	430.1	388.8	353.5	312.2
-50°	624.5	600.9	583.2	559.7	530.2	489.0	453.6	412.4	377.0	335.8	300.5
-52.5°	606.8	583.2	559.7	536.1	506.6	471.3	436.0	400.6	359.4	318.1	282.8
-55°	589.1	565.6	542.0	518.4	489.0	459.5	424.2	377.0	335.8	294.6	259.2
-57.5°	571.5	553.8	524.3	494.9	465.4	436.0	394.7	353.5	312.2	271.0	241.5
-60°	547.9	524.3	500.8	465.4	436.0	400.6	365.3	329.9	288.7	253.3	223.9
-62.5°	512.5	489.0	465.4	430.1	400.6	371.1	341.7	300.5	271.0	235.7	206.2
-65°	471.3	447.7	424.2	394.7	365.3	335.8	312.2	276.9	247.4	218.0	194.4
-67.5°	424.2	400.6	382.9	353.5	329.9	300.5	276.9	247.4	218.0	194.4	170.8
-70°	365.3	347.6	329.9	306.3	282.8	259.2	235.7	212.1	188.5	170.8	147.3
-72.5°	312.2	294.6	276.9	259.2	241.5	218.0	200.3	182.6	165.0	147.3	135.5
-75°	253.3	241.5	229.8	218.0	200.3	182.6	170.8	153.2	141.4	129.6	123.7
-77.5°	212.1	200.3	188.5	176.7	165.0	153.2	141.4	129.6	123.7	117.8	111.9
-80°	170.8	165.0	159.1	147.3	141.4	129.6	123.7	111.9	111.9	111.9	111.9
-82.5°	135.5	129.6	123.7	117.8	111.9	106.0	106.0	100.2	106.0	106.0	100.2
-85°	94.3	88.4	82.5	82.5	76.6	76.6	70.7	70.7	70.7	64.8	64.8
-87.5°	41.2	41.2	41.2	41.2	35.3	35.3	35.3	35.3	35.3	29.5	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



REPORT NUMBER: P724264
 CATALOG NUMBER: IFLD-L-SA7C-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°	11.8	11.8	5.9	5.9	5.9	5.9	5.9	5.9	5.9	0.0	0.0
85°	23.6	23.6	17.7	17.7	17.7	11.8	11.8	5.9	5.9	5.9	5.9
82.5°	53.0	47.1	41.2	35.3	29.5	23.6	17.7	11.8	11.8	5.9	5.9
80°	64.8	64.8	64.8	58.9	47.1	35.3	23.6	17.7	11.8	5.9	5.9
77.5°	47.1	47.1	53.0	58.9	58.9	47.1	29.5	17.7	11.8	11.8	5.9
75°	35.3	35.3	35.3	41.2	47.1	47.1	35.3	23.6	11.8	11.8	5.9
72.5°	35.3	35.3	35.3	35.3	35.3	35.3	35.3	23.6	17.7	11.8	11.8
70°	29.5	29.5	29.5	29.5	29.5	29.5	29.5	23.6	17.7	11.8	11.8
67.5°	23.6	23.6	29.5	29.5	29.5	23.6	23.6	23.6	17.7	11.8	11.8
65°	17.7	23.6	23.6	29.5	23.6	23.6	23.6	17.7	17.7	11.8	11.8
62.5°	17.7	17.7	23.6	23.6	23.6	23.6	17.7	17.7	17.7	11.8	11.8
60°	17.7	17.7	17.7	23.6	17.7	17.7	17.7	17.7	17.7	11.8	11.8
57.5°	17.7	17.7	17.7	17.7	17.7	17.7	17.7	11.8	11.8	11.8	11.8
55°	17.7	17.7	17.7	17.7	17.7	17.7	11.8	11.8	11.8	11.8	11.8
52.5°	23.6	17.7	17.7	17.7	17.7	17.7	11.8	11.8	11.8	11.8	11.8
50°	29.5	17.7	17.7	17.7	17.7	11.8	11.8	11.8	11.8	11.8	11.8
47.5°	41.2	29.5	23.6	17.7	17.7	11.8	11.8	11.8	11.8	11.8	5.9
45°	58.9	41.2	29.5	23.6	17.7	11.8	11.8	11.8	11.8	11.8	5.9
42.5°	70.7	53.0	35.3	29.5	23.6	17.7	11.8	11.8	11.8	5.9	5.9
40°	88.4	70.7	47.1	35.3	23.6	17.7	11.8	11.8	11.8	5.9	5.9
37.5°	111.9	88.4	58.9	41.2	29.5	17.7	17.7	11.8	11.8	5.9	5.9
35°	129.6	100.2	76.6	47.1	35.3	23.6	17.7	11.8	11.8	5.9	5.9
32.5°	147.3	117.8	94.3	58.9	41.2	29.5	23.6	11.8	11.8	5.9	5.9
30°	165.0	135.5	106.0	76.6	53.0	35.3	23.6	11.8	11.8	5.9	5.9
27.5°	182.6	147.3	117.8	88.4	58.9	41.2	29.5	17.7	11.8	5.9	5.9
25°	200.3	165.0	129.6	100.2	64.8	47.1	29.5	17.7	11.8	11.8	5.9
22.5°	212.1	182.6	147.3	111.9	76.6	53.0	35.3	23.6	11.8	11.8	5.9
20°	229.8	200.3	159.1	123.7	88.4	58.9	35.3	23.6	11.8	11.8	5.9
17.5°	247.4	212.1	170.8	135.5	100.2	64.8	41.2	29.5	11.8	11.8	5.9
15°	265.1	223.9	182.6	141.4	106.0	70.7	41.2	29.5	11.8	11.8	5.9
12.5°	282.8	241.5	194.4	153.2	111.9	76.6	47.1	35.3	17.7	11.8	5.9
10°	294.6	253.3	206.2	159.1	117.8	88.4	53.0	35.3	17.7	11.8	5.9
7.5°	312.2	265.1	218.0	170.8	123.7	94.3	58.9	35.3	17.7	11.8	5.9
5°	318.1	276.9	223.9	182.6	129.6	100.2	64.8	41.2	17.7	11.8	5.9
2.5°	324.0	288.7	229.8	188.5	135.5	100.2	64.8	41.2	23.6	11.8	5.9
0°	329.9	294.6	235.7	194.4	141.4	106.0	70.7	41.2	23.6	11.8	5.9
-2.5°	335.8	300.5	247.4	200.3	147.3	111.9	76.6	41.2	23.6	11.8	5.9
-5°	341.7	300.5	259.2	206.2	153.2	111.9	76.6	47.1	29.5	11.8	5.9
-7.5°	347.6	306.3	265.1	212.1	159.1	111.9	82.5	47.1	29.5	17.7	5.9
-10°	353.5	312.2	271.0	218.0	159.1	117.8	82.5	47.1	29.5	17.7	5.9
-12.5°	359.4	318.1	271.0	218.0	165.0	117.8	82.5	53.0	29.5	17.7	5.9
-15°	365.3	318.1	271.0	218.0	165.0	123.7	88.4	53.0	29.5	17.7	11.8
-17.5°	365.3	318.1	271.0	223.9	165.0	123.7	88.4	53.0	29.5	17.7	11.8
-20°	365.3	318.1	271.0	223.9	165.0	123.7	88.4	53.0	29.5	17.7	11.8



REPORT NUMBER: P724264

CATALOG NUMBER: IFLD-L-SA7C-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°	359.4	312.2	271.0	218.0	165.0	123.7	88.4	53.0	35.3	17.7	11.8
-25°	359.4	312.2	271.0	218.0	165.0	123.7	82.5	53.0	35.3	17.7	11.8
-27.5°	353.5	312.2	265.1	212.1	159.1	117.8	82.5	53.0	35.3	17.7	11.8
-30°	347.6	306.3	259.2	206.2	159.1	117.8	82.5	53.0	35.3	17.7	11.8
-32.5°	341.7	294.6	253.3	200.3	153.2	111.9	82.5	53.0	35.3	17.7	11.8
-35°	329.9	288.7	241.5	194.4	147.3	111.9	76.6	53.0	35.3	23.6	11.8
-37.5°	318.1	276.9	235.7	188.5	141.4	106.0	76.6	53.0	35.3	23.6	11.8
-40°	306.3	271.0	223.9	176.7	135.5	100.2	76.6	53.0	35.3	23.6	17.7
-42.5°	294.6	259.2	218.0	170.8	135.5	100.2	70.7	53.0	35.3	23.6	17.7
-45°	288.7	253.3	206.2	165.0	129.6	100.2	70.7	47.1	35.3	23.6	17.7
-47.5°	276.9	235.7	194.4	159.1	123.7	94.3	64.8	47.1	35.3	23.6	17.7
-50°	259.2	223.9	188.5	153.2	117.8	88.4	64.8	47.1	35.3	23.6	17.7
-52.5°	241.5	206.2	176.7	141.4	111.9	88.4	64.8	47.1	35.3	23.6	17.7
-55°	223.9	194.4	165.0	135.5	106.0	82.5	58.9	47.1	35.3	23.6	17.7
-57.5°	212.1	182.6	153.2	123.7	100.2	76.6	58.9	41.2	29.5	23.6	17.7
-60°	200.3	170.8	141.4	117.8	94.3	76.6	58.9	41.2	29.5	23.6	11.8
-62.5°	182.6	159.1	129.6	111.9	88.4	70.7	53.0	41.2	29.5	23.6	11.8
-65°	165.0	141.4	117.8	100.2	82.5	64.8	53.0	41.2	29.5	23.6	11.8
-67.5°	147.3	129.6	111.9	94.3	76.6	64.8	53.0	41.2	29.5	17.7	11.8
-70°	135.5	117.8	100.2	88.4	76.6	58.9	53.0	41.2	29.5	17.7	11.8
-72.5°	117.8	106.0	94.3	82.5	70.7	64.8	53.0	41.2	23.6	17.7	11.8
-75°	111.9	100.2	88.4	82.5	76.6	64.8	53.0	35.3	23.6	17.7	11.8
-77.5°	111.9	100.2	94.3	88.4	76.6	64.8	47.1	29.5	17.7	17.7	11.8
-80°	111.9	106.0	100.2	82.5	70.7	53.0	35.3	29.5	17.7	11.8	5.9
-82.5°	100.2	82.5	70.7	58.9	53.0	41.2	29.5	23.6	11.8	11.8	5.9
-85°	64.8	53.0	47.1	41.2	35.3	29.5	17.7	11.8	11.8	5.9	5.9
-87.5°	29.5	29.5	23.6	17.7	17.7	11.8	11.8	5.9	5.9	5.9	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: P724264
 CATALOG NUMBER: IFLD-L-SA7C-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°	5.9	0.0	0.0	0.0
77.5°	5.9	0.0	0.0	0.0
75°	5.9	5.9	0.0	0.0
72.5°	5.9	5.9	0.0	0.0
70°	5.9	5.9	0.0	0.0
67.5°	5.9	5.9	0.0	0.0
65°	5.9	5.9	0.0	0.0
62.5°	5.9	5.9	0.0	0.0
60°	5.9	5.9	0.0	0.0
57.5°	5.9	5.9	5.9	0.0
55°	5.9	5.9	5.9	0.0
52.5°	5.9	5.9	5.9	0.0
50°	5.9	5.9	5.9	0.0
47.5°	5.9	5.9	5.9	0.0
45°	5.9	5.9	5.9	0.0
42.5°	5.9	5.9	5.9	0.0
40°	5.9	5.9	5.9	0.0
37.5°	5.9	5.9	5.9	0.0
35°	5.9	5.9	5.9	0.0
32.5°	5.9	5.9	5.9	0.0
30°	5.9	5.9	5.9	0.0
27.5°	5.9	5.9	5.9	0.0
25°	5.9	5.9	5.9	0.0
22.5°	5.9	5.9	5.9	0.0
20°	5.9	5.9	5.9	0.0
17.5°	5.9	5.9	5.9	0.0
15°	5.9	5.9	5.9	0.0
12.5°	5.9	5.9	5.9	0.0
10°	5.9	5.9	5.9	0.0
7.5°	5.9	5.9	5.9	0.0
5°	5.9	5.9	5.9	0.0
2.5°	5.9	5.9	5.9	0.0
0°	5.9	5.9	5.9	0.0
-2.5°	5.9	5.9	5.9	0.0
-5°	5.9	5.9	5.9	0.0
-7.5°	5.9	5.9	5.9	0.0
-10°	5.9	5.9	5.9	0.0
-12.5°	5.9	5.9	5.9	0.0
-15°	5.9	5.9	5.9	0.0
-17.5°	5.9	5.9	5.9	0.0
-20°	5.9	5.9	5.9	0.0



REPORT NUMBER: P724264

CATALOG NUMBER: IFLD-L-SA7C-830-U-22-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	5.9	5.9	5.9	0.0
-25°	5.9	5.9	5.9	0.0
-27.5°	5.9	5.9	5.9	0.0
-30°	5.9	5.9	5.9	0.0
-32.5°	5.9	5.9	5.9	0.0
-35°	5.9	5.9	5.9	0.0
-37.5°	5.9	5.9	5.9	0.0
-40°	5.9	5.9	5.9	0.0
-42.5°	5.9	5.9	5.9	0.0
-45°	5.9	5.9	5.9	0.0
-47.5°	5.9	5.9	5.9	0.0
-50°	5.9	5.9	5.9	0.0
-52.5°	5.9	5.9	5.9	0.0
-55°	5.9	5.9	5.9	0.0
-57.5°	5.9	5.9	5.9	0.0
-60°	5.9	5.9	0.0	0.0
-62.5°	5.9	5.9	0.0	0.0
-65°	5.9	5.9	0.0	0.0
-67.5°	5.9	5.9	0.0	0.0
-70°	5.9	5.9	0.0	0.0
-72.5°	5.9	5.9	0.0	0.0
-75°	5.9	5.9	0.0	0.0
-77.5°	5.9	0.0	0.0	0.0
-80°	5.9	0.0	0.0	0.0
-82.5°	5.9	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)