

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: P724234

Luminaire Tested: **IFLD-L-SA7B-827-U-22-VI**

Issue Date: 01/11/2023

Test Information

Test Method: LM-79-2019
Report Number: P724234
Test Lab: INNOVATION CENTER(G2)
Issue Date: 01/11/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-L-SA7B-827-U-22-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 2 distribution lens and Visor
Light Source: (112) 2700K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

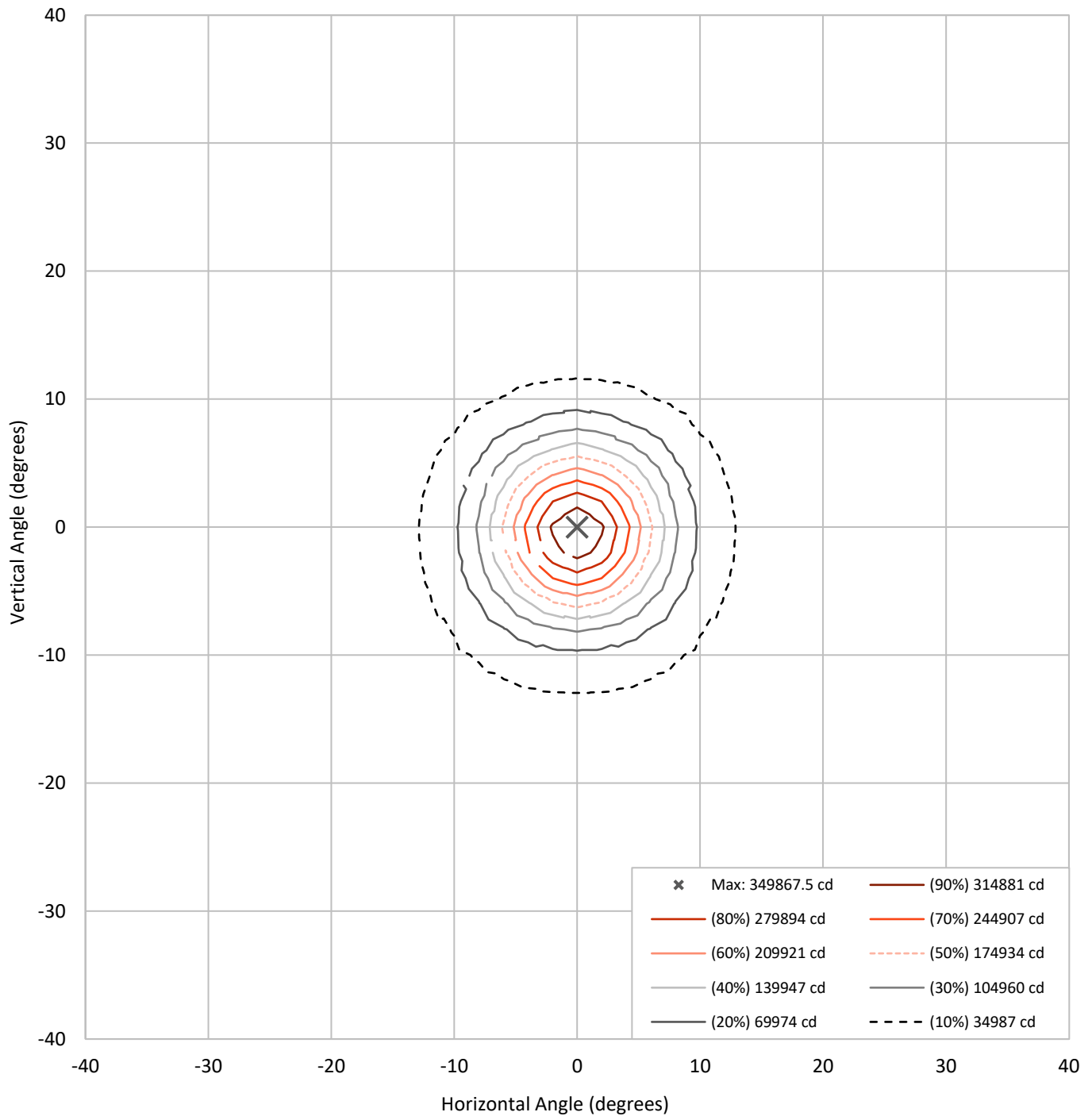
Lumens per Lamp:	N/A	NEMA Type:	2H x 2V
Luminaire Lumens:	24438.4 lumens	Max Intensity:	349867.5 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	87.0 lumens/watt		
Luminous Opening:	Rectangular (W 2' x L: 1' x H: 0')		
Beam Angle (50%):	12.2°H x 11.7°V	Field Angle (10%):	25.1°H x 24.3°V
Beam Lumens:	7645.5 lumens	Field Lumens:	17396.2 lumens
Beam Efficiency:	31.3%	Field Efficiency:	71.2%

Input Watts (W): 281
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





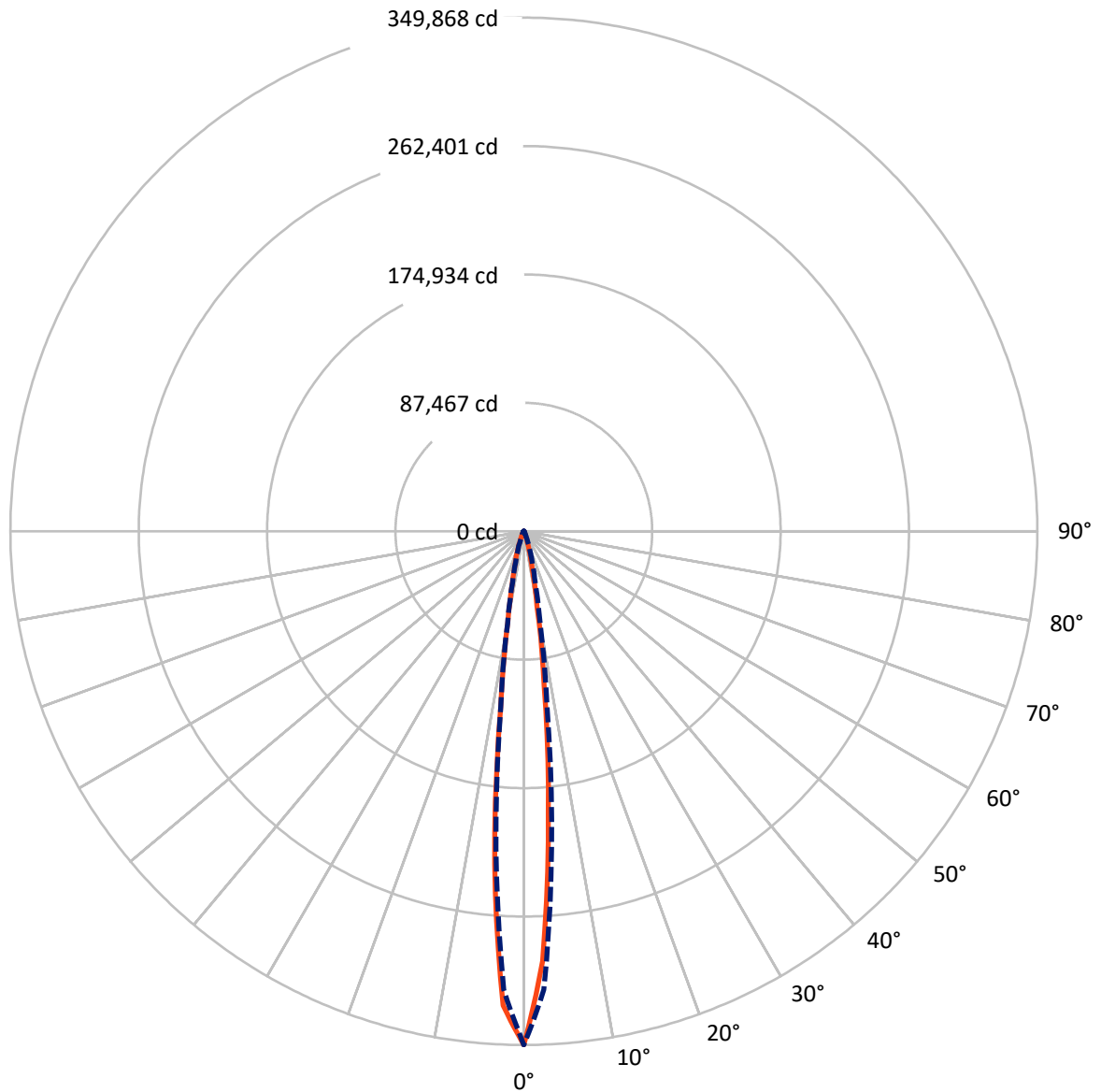
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Lumen Table

90	0.2	1.5		1.2		0.6		0.1		0.6		1.2		1.5		0.2			
80	0.2	1.5		1.2		0.6		0.1		0.6		1.2		1.5		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	0.7	1.3	1.9	2.4	2.7	2.7	2.4	1.9	1.3	0.7	0.3	0.2				
50	0.2	0.2	0.8	2.0	3.5	4.9	6.5	7.7	7.7	6.5	4.9	3.5	2.0	0.8	0.2	0.2			
40		0.4	1.7	3.7	6.2	9.8	14.9	17.8	17.8	14.9	9.8	6.2	3.7	1.7	0.4				
30	0.2	0.7	2.6	5.4	9.8	16.9	32.6	52.6	52.6	32.6	16.9	9.8	5.4	2.6	0.7	0.2			
20		1.1	3.5	7.3	14.9	36.9	192.5	487.1	487.1	192.5	36.9	14.9	7.3	3.5	1.1				
10	0.4	1.4	4.2	8.6	18.1	74.9	620.1	3821.3	3821.3	620.1	74.9	18.1	8.6	4.2	1.4	0.4			
0		1.6	4.6	9.2	18.9	85.3	682.4	4208.3	4208.3	682.4	85.3	18.9	9.2	4.6	1.6				
-10	0.5	1.7	4.7	9.1	17.8	51.1	306.3	738.0	738.0	306.3	51.1	17.8	9.1	4.7	1.7	0.5			
-20		1.7	4.7	8.6	15.0	26.0	63.3	118.9	118.9	63.3	26.0	15.0	8.6	4.7	1.7				
-30	0.5	1.5	4.3	8.0	12.5	18.5	26.1	30.7	30.7	26.1	18.5	12.5	8.0	4.3	1.5	0.5			
-40		1.3	3.8	7.1	10.9	14.4	18.2	20.2	20.2	18.2	14.4	10.9	7.1	3.8	1.3				
-50	0.4	1.1	3.0	6.0	9.5	12.6	15.4	16.8	16.8	15.4	12.6	9.5	6.0	3.0	1.1	0.4			
-60		0.8	2.2	4.4	7.3	10.0	12.6	14.0	14.0	12.6	10.0	7.3	4.4	2.2	0.8				
-70	0.2	3.3		9.1		16.9		20.4		16.9		9.1		3.3		0.2			
-80		3.3		9.1		16.9		20.4		16.9		9.1		3.3					
-90	0.2	3.3		9.1		16.9		20.4		16.9		9.1		3.3		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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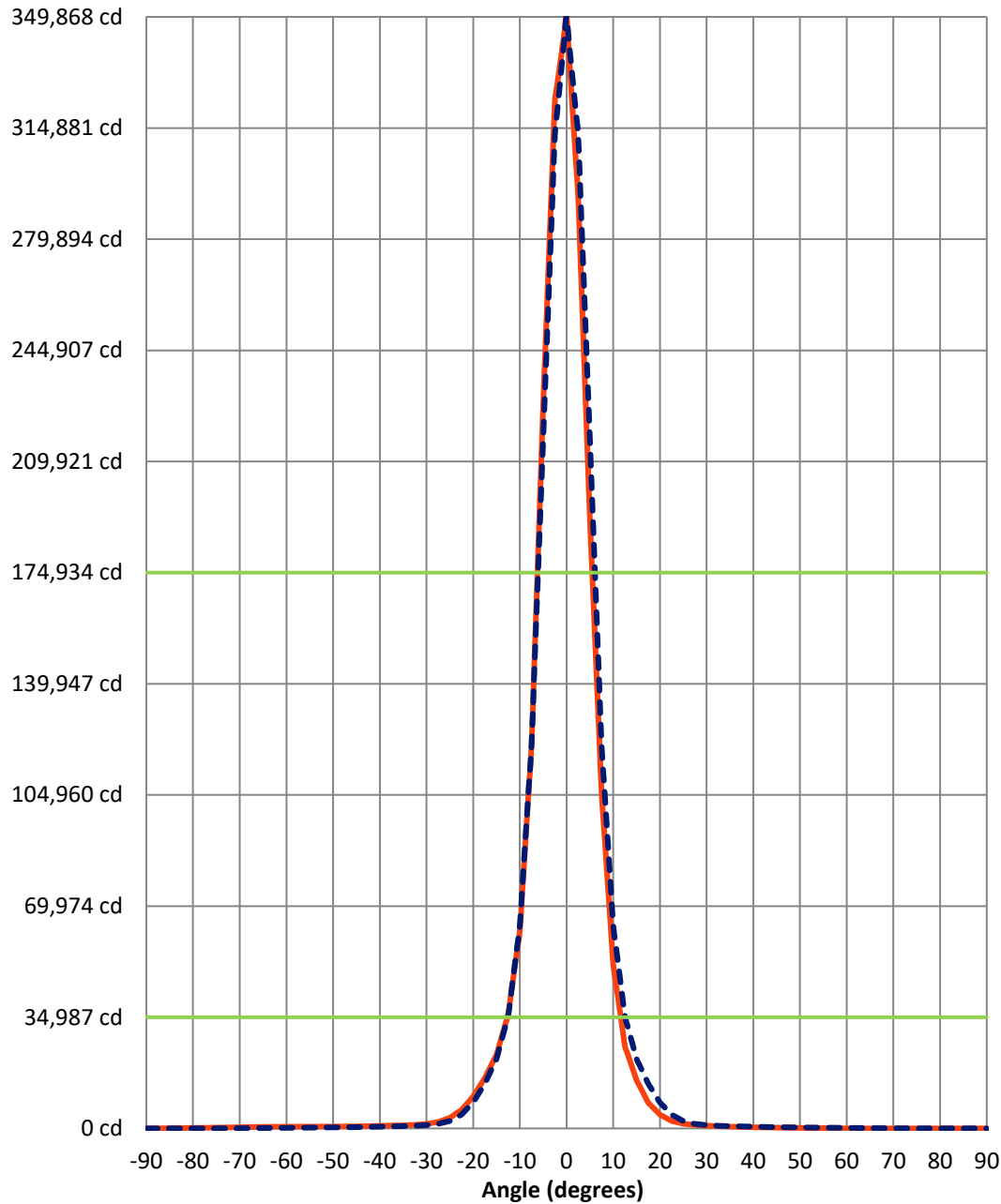
Luminous Intensity Polar Plot



— 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: 7645.5
 Efficiency: 31.3%

Field:
 H Angle: 25.1°
 V Angle: 24.3°
 Lumens: 17396.2
 Efficiency: 71.2%

Spill:
 Lumens: 7042.3
 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	4.4	4.4
85°	0.0	0.0	0.0	0.0	4.4	4.4	4.4	4.4	4.4	8.8	8.8
82.5°	0.0	0.0	0.0	0.0	4.4	4.4	4.4	4.4	8.8	8.8	8.8
80°	0.0	0.0	0.0	0.0	4.4	4.4	4.4	4.4	8.8	8.8	8.8
77.5°	0.0	0.0	0.0	0.0	4.4	4.4	4.4	4.4	4.4	4.4	8.8
75°	0.0	0.0	0.0	0.0	4.4	4.4	4.4	4.4	4.4	4.4	4.4
72.5°	0.0	0.0	0.0	0.0	4.4	4.4	4.4	4.4	4.4	4.4	4.4
70°	0.0	0.0	0.0	0.0	4.4	4.4	4.4	4.4	4.4	4.4	4.4
67.5°	0.0	0.0	0.0	0.0	4.4	4.4	4.4	4.4	4.4	4.4	4.4
65°	0.0	0.0	0.0	0.0	4.4	4.4	4.4	4.4	4.4	4.4	4.4
62.5°	0.0	0.0	0.0	0.0	4.4	4.4	4.4	4.4	4.4	4.4	4.4
60°	8.8	8.8	8.8	8.8	13.1	13.1	17.5	17.5	17.5	8.8	17.5
57.5°	70.1	70.1	65.7	61.3	56.9	52.5	52.5	52.5	52.5	52.5	43.8
55°	96.3	96.3	96.3	91.9	91.9	87.6	83.2	78.8	78.8	74.4	70.1
52.5°	113.8	113.8	113.8	113.8	109.5	109.5	109.5	105.1	96.3	96.3	91.9
50°	162.0	157.6	157.6	157.6	157.6	148.9	144.5	135.7	131.3	127.0	122.6
47.5°	210.2	210.2	205.8	205.8	201.4	192.6	183.9	175.1	166.4	162.0	153.2
45°	249.6	249.6	245.2	245.2	240.8	232.0	218.9	205.8	197.0	188.3	179.5
42.5°	306.5	302.1	297.7	293.3	284.6	271.4	253.9	236.4	223.3	210.2	201.4
40°	367.8	367.8	363.4	359.0	345.9	332.7	310.9	289.0	267.1	240.8	227.7
37.5°	442.2	446.6	451.0	451.0	442.2	424.7	394.0	367.8	332.7	297.7	280.2
35°	577.9	577.9	586.7	586.7	573.5	551.7	529.8	472.8	429.1	385.3	345.9
32.5°	726.8	731.2	713.6	700.5	683.0	656.7	617.3	569.2	521.0	464.1	420.3
30°	871.3	871.3	849.4	823.1	788.1	744.3	696.1	643.6	586.7	529.8	477.2
27.5°	1098.9	1077.0	1059.5	1015.7	954.5	871.3	810.0	726.8	652.4	586.7	529.8
25°	1475.5	1471.1	1431.7	1357.2	1234.7	1103.3	1002.6	862.5	748.7	648.0	582.3
22.5°	2346.7	2316.1	2224.1	2040.2	1751.3	1523.6	1317.8	1098.9	893.2	757.4	652.4
20°	4338.8	4238.1	3992.9	3485.1	2837.1	2390.5	1878.3	1510.5	1164.6	910.7	753.1
17.5°	8095.3	8029.6	7937.7	6764.3	5446.5	4500.8	3349.3	2316.1	1655.0	1190.9	893.2
15°	15174.9	14688.9	13673.2	12267.8	10424.5	8055.9	5923.7	3739.0	2364.2	1584.9	1134.0
12.5°	25940.9	25402.4	22779.8	19264.1	15949.8	12578.6	8830.9	5682.9	3366.8	2014.0	1344.1
10°	51689.2	47779.5	40437.2	30179.0	23554.8	17565.4	12399.1	7753.8	4382.6	2543.7	1593.7
7.5°	105869.6	93094.0	71737.0	50642.8	32779.7	23038.2	15836.0	10139.9	5840.5	3183.0	1821.3
5°	191884.0	169218.0	127484.8	76763.2	47599.9	28874.3	18791.3	12057.6	6913.2	3704.0	2049.0
2.5°	292994.5	263673.6	184309.7	105554.4	58694.3	33392.6	20857.8	13318.5	7596.2	4058.6	2224.1
0°	349867.5	312521.3	217054.4	120847.5	63978.8	35310.3	21869.2	14076.0	8174.1	4347.6	2338.0
-2.5°	323191.0	293125.8	199475.8	112257.4	61137.4	34469.7	22013.7	14264.2	8270.4	4426.4	2390.5
-5°	227785.4	203109.7	138023.2	82840.2	51873.1	31750.8	20770.2	13555.0	8003.4	4312.5	2368.6
-7.5°	120510.4	109345.9	81855.1	59526.2	37862.8	26873.5	18699.4	12298.4	7311.6	4006.1	2237.3
-10°	62262.6	59972.8	51680.4	38957.4	30638.7	22512.8	15958.6	10516.5	6112.0	3450.0	2014.0
-12.5°	35897.0	35507.3	32841.0	28191.3	23493.5	18493.6	13095.2	8576.9	5100.6	2859.0	1698.7
-15°	23243.9	23410.3	22482.1	20547.0	17871.9	13839.5	10061.1	6379.1	3774.0	2316.1	1497.3
-17.5°	15862.3	15818.5	15385.0	14058.4	11904.4	9347.5	6668.0	4505.2	2859.0	1803.8	1243.4
-20°	10034.9	10052.4	9649.6	8734.5	7149.6	5761.7	4150.5	3038.5	2027.1	1418.5	1098.9



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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°	5823.0	5836.2	5582.2	5065.6	4233.7	3415.0	2697.0	2009.6	1493.0	1182.1	963.2
-25°	3345.0	3292.4	3191.7	2942.2	2552.5	2105.9	1790.7	1414.2	1195.3	1002.6	880.0
-27.5°	2027.1	1992.1	1939.5	1830.1	1676.9	1453.6	1309.1	1142.7	1015.7	901.9	827.5
-30°	1414.2	1427.3	1383.5	1326.6	1256.5	1155.8	1077.0	998.2	915.0	845.0	774.9
-32.5°	1125.2	1134.0	1112.1	1090.2	1055.1	1015.7	967.6	910.7	845.0	779.3	713.6
-35°	967.6	972.0	972.0	967.6	958.8	928.2	893.2	840.6	779.3	718.0	661.1
-37.5°	888.8	893.2	893.2	888.8	875.6	849.4	814.3	770.6	713.6	656.7	613.0
-40°	805.6	810.0	805.6	796.8	783.7	757.4	731.2	696.1	652.4	604.2	564.8
-42.5°	726.8	722.4	718.0	709.3	696.1	678.6	656.7	630.5	599.8	564.8	534.1
-45°	652.4	652.4	648.0	643.6	634.8	621.7	608.6	586.7	564.8	538.5	512.3
-47.5°	613.0	613.0	608.6	604.2	599.8	591.1	577.9	560.4	542.9	521.0	499.1
-50°	586.7	586.7	586.7	582.3	577.9	569.2	556.0	542.9	525.4	503.5	481.6
-52.5°	569.2	569.2	569.2	564.8	560.4	556.0	542.9	525.4	503.5	486.0	468.5
-55°	560.4	556.0	556.0	551.7	547.3	542.9	525.4	507.9	490.4	472.8	455.3
-57.5°	547.3	542.9	542.9	538.5	534.1	529.8	512.3	494.7	477.2	455.3	442.2
-60°	534.1	529.8	529.8	521.0	516.6	512.3	494.7	477.2	459.7	442.2	424.7
-62.5°	516.6	512.3	507.9	503.5	494.7	486.0	472.8	455.3	433.4	415.9	398.4
-65°	477.2	472.8	468.5	464.1	459.7	455.3	442.2	420.3	402.8	385.3	367.8
-67.5°	429.1	429.1	429.1	420.3	415.9	407.2	398.4	380.9	363.4	345.9	332.7
-70°	372.1	372.1	372.1	363.4	359.0	354.6	341.5	328.4	315.2	302.1	284.6
-72.5°	315.2	310.9	310.9	306.5	297.7	293.3	284.6	275.8	262.7	253.9	240.8
-75°	258.3	253.9	253.9	249.6	245.2	240.8	232.0	227.7	218.9	210.2	197.0
-77.5°	205.8	205.8	205.8	201.4	197.0	192.6	188.3	183.9	179.5	170.8	162.0
-80°	157.6	157.6	157.6	157.6	157.6	157.6	157.6	153.2	144.5	140.1	135.7
-82.5°	113.8	118.2	118.2	118.2	118.2	118.2	118.2	118.2	113.8	109.5	105.1
-85°	74.4	78.8	78.8	83.2	87.6	87.6	91.9	87.6	83.2	74.4	70.1
-87.5°	39.4	39.4	39.4	39.4	39.4	39.4	39.4	35.0	35.0	35.0	30.6
-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°	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.4	8.8	8.8	8.8
85°	8.8	8.8	8.8	8.8	13.1	13.1	13.1	17.5	17.5	17.5	17.5
82.5°	8.8	13.1	13.1	13.1	17.5	17.5	21.9	26.3	35.0	39.4	39.4
80°	8.8	13.1	13.1	13.1	17.5	17.5	21.9	21.9	26.3	30.6	39.4
77.5°	8.8	8.8	13.1	13.1	13.1	17.5	17.5	21.9	21.9	26.3	30.6
75°	4.4	8.8	8.8	8.8	13.1	13.1	17.5	17.5	21.9	21.9	26.3
72.5°	4.4	8.8	8.8	8.8	13.1	13.1	17.5	17.5	17.5	21.9	21.9
70°	4.4	8.8	8.8	8.8	8.8	13.1	13.1	13.1	17.5	17.5	17.5
67.5°	4.4	4.4	4.4	8.8	8.8	8.8	8.8	13.1	13.1	13.1	17.5
65°	4.4	4.4	4.4	4.4	8.8	8.8	8.8	8.8	13.1	13.1	13.1
62.5°	4.4	4.4	4.4	8.8	8.8	8.8	8.8	8.8	13.1	13.1	13.1
60°	17.5	17.5	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1
57.5°	39.4	39.4	35.0	30.6	26.3	26.3	21.9	17.5	17.5	13.1	13.1
55°	65.7	61.3	56.9	48.2	43.8	39.4	35.0	26.3	21.9	17.5	13.1
52.5°	83.2	78.8	74.4	70.1	61.3	52.5	48.2	43.8	35.0	26.3	21.9
50°	122.6	109.5	100.7	91.9	83.2	74.4	65.7	61.3	48.2	39.4	30.6
47.5°	148.9	140.1	127.0	118.2	109.5	96.3	83.2	74.4	65.7	52.5	39.4
45°	170.8	162.0	148.9	140.1	131.3	118.2	105.1	91.9	83.2	70.1	52.5
42.5°	192.6	183.9	170.8	162.0	148.9	135.7	122.6	109.5	96.3	87.6	70.1
40°	223.3	210.2	192.6	183.9	175.1	157.6	140.1	127.0	113.8	100.7	83.2
37.5°	262.7	249.6	227.7	210.2	197.0	183.9	166.4	148.9	135.7	118.2	100.7
35°	324.0	302.1	271.4	245.2	227.7	210.2	188.3	170.8	153.2	135.7	118.2
32.5°	385.3	350.3	310.9	280.2	253.9	232.0	210.2	192.6	170.8	148.9	131.3
30°	433.4	394.0	354.6	310.9	280.2	253.9	232.0	210.2	188.3	166.4	144.5
27.5°	481.6	437.8	394.0	350.3	306.5	271.4	249.6	227.7	205.8	183.9	157.6
25°	529.8	481.6	437.8	389.7	337.1	297.7	267.1	249.6	227.7	201.4	170.8
22.5°	573.5	529.8	486.0	433.4	372.1	319.6	289.0	267.1	245.2	214.5	188.3
20°	656.7	599.8	547.3	481.6	411.6	359.0	319.6	289.0	262.7	232.0	201.4
17.5°	766.2	683.0	613.0	538.5	468.5	402.8	345.9	310.9	284.6	249.6	214.5
15°	906.3	761.8	674.2	599.8	516.6	442.2	380.9	332.7	297.7	262.7	232.0
12.5°	1011.4	823.1	726.8	656.7	569.2	486.0	407.2	350.3	310.9	275.8	240.8
10°	1129.6	888.8	770.6	691.8	599.8	507.9	424.7	363.4	319.6	289.0	253.9
7.5°	1225.9	941.3	792.5	704.9	617.3	525.4	442.2	376.5	332.7	297.7	262.7
5°	1313.5	985.1	810.0	709.3	626.1	538.5	451.0	385.3	341.5	306.5	271.4
2.5°	1374.8	1024.5	827.5	718.0	634.8	547.3	464.1	394.0	350.3	315.2	280.2
0°	1427.3	1037.6	823.1	718.0	639.2	547.3	468.5	398.4	354.6	319.6	284.6
-2.5°	1444.8	1059.5	845.0	726.8	648.0	556.0	477.2	402.8	359.0	324.0	293.3
-5°	1444.8	1042.0	845.0	735.5	652.4	560.4	477.2	407.2	363.4	328.4	293.3
-7.5°	1392.3	1015.7	840.6	744.3	656.7	564.8	477.2	411.6	367.8	332.7	297.7
-10°	1300.3	976.3	836.2	748.7	656.7	560.4	477.2	411.6	367.8	332.7	302.1
-12.5°	1151.5	923.8	814.3	739.9	648.0	551.7	472.8	411.6	367.8	337.1	302.1
-15°	1077.0	880.0	788.1	713.6	626.1	538.5	464.1	407.2	367.8	337.1	306.5
-17.5°	976.3	845.0	761.8	687.4	608.6	525.4	455.3	407.2	367.8	332.7	306.5
-20°	906.3	805.6	731.2	665.5	586.7	512.3	451.0	402.8	367.8	332.7	306.5



REPORT NUMBER: P724234

CATALOG NUMBER: IFLD-L-SA7B-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°	845.0	761.8	696.1	630.5	560.4	494.7	442.2	398.4	363.4	332.7	306.5
-25°	796.8	722.4	661.1	599.8	538.5	481.6	433.4	394.0	359.0	332.7	302.1
-27.5°	753.1	683.0	626.1	569.2	512.3	468.5	424.7	389.7	359.0	328.4	297.7
-30°	704.9	648.0	591.1	538.5	499.1	455.3	415.9	380.9	354.6	324.0	293.3
-32.5°	656.7	604.2	556.0	516.6	481.6	446.6	411.6	376.5	345.9	315.2	284.6
-35°	613.0	564.8	529.8	494.7	468.5	437.8	402.8	367.8	341.5	310.9	284.6
-37.5°	569.2	534.1	503.5	477.2	451.0	424.7	389.7	359.0	332.7	302.1	271.4
-40°	534.1	507.9	486.0	464.1	437.8	407.2	380.9	350.3	324.0	293.3	258.3
-42.5°	512.3	490.4	468.5	446.6	424.7	398.4	372.1	341.5	315.2	284.6	249.6
-45°	490.4	472.8	455.3	437.8	415.9	389.7	359.0	328.4	302.1	271.4	245.2
-47.5°	477.2	459.7	442.2	429.1	411.6	376.5	350.3	319.6	289.0	262.7	232.0
-50°	464.1	446.6	433.4	415.9	394.0	363.4	337.1	306.5	280.2	249.6	223.3
-52.5°	451.0	433.4	415.9	398.4	376.5	350.3	324.0	297.7	267.1	236.4	210.2
-55°	437.8	420.3	402.8	385.3	363.4	341.5	315.2	280.2	249.6	218.9	192.6
-57.5°	424.7	411.6	389.7	367.8	345.9	324.0	293.3	262.7	232.0	201.4	179.5
-60°	407.2	389.7	372.1	345.9	324.0	297.7	271.4	245.2	214.5	188.3	166.4
-62.5°	380.9	363.4	345.9	319.6	297.7	275.8	253.9	223.3	201.4	175.1	153.2
-65°	350.3	332.7	315.2	293.3	271.4	249.6	232.0	205.8	183.9	162.0	144.5
-67.5°	315.2	297.7	284.6	262.7	245.2	223.3	205.8	183.9	162.0	144.5	127.0
-70°	271.4	258.3	245.2	227.7	210.2	192.6	175.1	157.6	140.1	127.0	109.5
-72.5°	232.0	218.9	205.8	192.6	179.5	162.0	148.9	135.7	122.6	109.5	100.7
-75°	188.3	179.5	170.8	162.0	148.9	135.7	127.0	113.8	105.1	96.3	91.9
-77.5°	157.6	148.9	140.1	131.3	122.6	113.8	105.1	96.3	91.9	87.6	83.2
-80°	127.0	122.6	118.2	109.5	105.1	96.3	91.9	83.2	83.2	83.2	83.2
-82.5°	100.7	96.3	91.9	87.6	83.2	78.8	78.8	74.4	78.8	78.8	74.4
-85°	70.1	65.7	61.3	61.3	56.9	56.9	52.5	52.5	52.5	48.2	48.2
-87.5°	30.6	30.6	30.6	30.6	26.3	26.3	26.3	26.3	26.3	21.9	21.9
-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: P724234

CATALOG NUMBER: IFLD-L-SA7B-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°	8.8	8.8	4.4	4.4	4.4	4.4	4.4	4.4	4.4	0.0	0.0
85°	17.5	17.5	13.1	13.1	13.1	8.8	8.8	4.4	4.4	4.4	4.4
82.5°	39.4	35.0	30.6	26.3	21.9	17.5	13.1	8.8	8.8	4.4	4.4
80°	48.2	48.2	48.2	43.8	35.0	26.3	17.5	13.1	8.8	4.4	4.4
77.5°	35.0	35.0	39.4	43.8	43.8	35.0	21.9	13.1	8.8	8.8	4.4
75°	26.3	26.3	26.3	30.6	35.0	35.0	26.3	17.5	8.8	8.8	4.4
72.5°	26.3	26.3	26.3	26.3	26.3	26.3	26.3	17.5	13.1	8.8	8.8
70°	21.9	21.9	21.9	21.9	21.9	21.9	21.9	17.5	13.1	8.8	8.8
67.5°	17.5	17.5	21.9	21.9	21.9	17.5	17.5	17.5	13.1	8.8	8.8
65°	13.1	17.5	17.5	21.9	17.5	17.5	17.5	13.1	13.1	8.8	8.8
62.5°	13.1	13.1	17.5	17.5	17.5	17.5	13.1	13.1	13.1	8.8	8.8
60°	13.1	13.1	13.1	17.5	13.1	13.1	13.1	13.1	13.1	8.8	8.8
57.5°	13.1	13.1	13.1	13.1	13.1	13.1	13.1	8.8	8.8	8.8	8.8
55°	13.1	13.1	13.1	13.1	13.1	13.1	8.8	8.8	8.8	8.8	8.8
52.5°	17.5	13.1	13.1	13.1	13.1	13.1	8.8	8.8	8.8	8.8	8.8
50°	21.9	13.1	13.1	13.1	13.1	8.8	8.8	8.8	8.8	8.8	8.8
47.5°	30.6	21.9	17.5	13.1	13.1	8.8	8.8	8.8	8.8	8.8	4.4
45°	43.8	30.6	21.9	17.5	13.1	8.8	8.8	8.8	8.8	8.8	4.4
42.5°	52.5	39.4	26.3	21.9	17.5	13.1	8.8	8.8	8.8	4.4	4.4
40°	65.7	52.5	35.0	26.3	17.5	13.1	8.8	8.8	8.8	4.4	4.4
37.5°	83.2	65.7	43.8	30.6	21.9	13.1	13.1	8.8	8.8	4.4	4.4
35°	96.3	74.4	56.9	35.0	26.3	17.5	13.1	8.8	8.8	4.4	4.4
32.5°	109.5	87.6	70.1	43.8	30.6	21.9	17.5	8.8	8.8	4.4	4.4
30°	122.6	100.7	78.8	56.9	39.4	26.3	17.5	8.8	8.8	4.4	4.4
27.5°	135.7	109.5	87.6	65.7	43.8	30.6	21.9	13.1	8.8	4.4	4.4
25°	148.9	122.6	96.3	74.4	48.2	35.0	21.9	13.1	8.8	8.8	4.4
22.5°	157.6	135.7	109.5	83.2	56.9	39.4	26.3	17.5	8.8	8.8	4.4
20°	170.8	148.9	118.2	91.9	65.7	43.8	26.3	17.5	8.8	8.8	4.4
17.5°	183.9	157.6	127.0	100.7	74.4	48.2	30.6	21.9	8.8	8.8	4.4
15°	197.0	166.4	135.7	105.1	78.8	52.5	30.6	21.9	8.8	8.8	4.4
12.5°	210.2	179.5	144.5	113.8	83.2	56.9	35.0	26.3	13.1	8.8	4.4
10°	218.9	188.3	153.2	118.2	87.6	65.7	39.4	26.3	13.1	8.8	4.4
7.5°	232.0	197.0	162.0	127.0	91.9	70.1	43.8	26.3	13.1	8.8	4.4
5°	236.4	205.8	166.4	135.7	96.3	74.4	48.2	30.6	13.1	8.8	4.4
2.5°	240.8	214.5	170.8	140.1	100.7	74.4	48.2	30.6	17.5	8.8	4.4
0°	245.2	218.9	175.1	144.5	105.1	78.8	52.5	30.6	17.5	8.8	4.4
-2.5°	249.6	223.3	183.9	148.9	109.5	83.2	56.9	30.6	17.5	8.8	4.4
-5°	253.9	223.3	192.6	153.2	113.8	83.2	56.9	35.0	21.9	8.8	4.4
-7.5°	258.3	227.7	197.0	157.6	118.2	83.2	61.3	35.0	21.9	13.1	4.4
-10°	262.7	232.0	201.4	162.0	118.2	87.6	61.3	35.0	21.9	13.1	4.4
-12.5°	267.1	236.4	201.4	162.0	122.6	87.6	61.3	39.4	21.9	13.1	4.4
-15°	271.4	236.4	201.4	162.0	122.6	91.9	65.7	39.4	21.9	13.1	8.8
-17.5°	271.4	236.4	201.4	166.4	122.6	91.9	65.7	39.4	21.9	13.1	8.8
-20°	271.4	236.4	201.4	166.4	122.6	91.9	65.7	39.4	21.9	13.1	8.8



REPORT NUMBER: P724234

CATALOG NUMBER: IFLD-L-SA7B-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°	267.1	232.0	201.4	162.0	122.6	91.9	65.7	39.4	26.3	13.1	8.8
-25°	267.1	232.0	201.4	162.0	122.6	91.9	61.3	39.4	26.3	13.1	8.8
-27.5°	262.7	232.0	197.0	157.6	118.2	87.6	61.3	39.4	26.3	13.1	8.8
-30°	258.3	227.7	192.6	153.2	118.2	87.6	61.3	39.4	26.3	13.1	8.8
-32.5°	253.9	218.9	188.3	148.9	113.8	83.2	61.3	39.4	26.3	13.1	8.8
-35°	245.2	214.5	179.5	144.5	109.5	83.2	56.9	39.4	26.3	17.5	8.8
-37.5°	236.4	205.8	175.1	140.1	105.1	78.8	56.9	39.4	26.3	17.5	8.8
-40°	227.7	201.4	166.4	131.3	100.7	74.4	56.9	39.4	26.3	17.5	13.1
-42.5°	218.9	192.6	162.0	127.0	100.7	74.4	52.5	39.4	26.3	17.5	13.1
-45°	214.5	188.3	153.2	122.6	96.3	74.4	52.5	35.0	26.3	17.5	13.1
-47.5°	205.8	175.1	144.5	118.2	91.9	70.1	48.2	35.0	26.3	17.5	13.1
-50°	192.6	166.4	140.1	113.8	87.6	65.7	48.2	35.0	26.3	17.5	13.1
-52.5°	179.5	153.2	131.3	105.1	83.2	65.7	48.2	35.0	26.3	17.5	13.1
-55°	166.4	144.5	122.6	100.7	78.8	61.3	43.8	35.0	26.3	17.5	13.1
-57.5°	157.6	135.7	113.8	91.9	74.4	56.9	43.8	30.6	21.9	17.5	13.1
-60°	148.9	127.0	105.1	87.6	70.1	56.9	43.8	30.6	21.9	17.5	8.8
-62.5°	135.7	118.2	96.3	83.2	65.7	52.5	39.4	30.6	21.9	17.5	8.8
-65°	122.6	105.1	87.6	74.4	61.3	48.2	39.4	30.6	21.9	17.5	8.8
-67.5°	109.5	96.3	83.2	70.1	56.9	48.2	39.4	30.6	21.9	13.1	8.8
-70°	100.7	87.6	74.4	65.7	56.9	43.8	39.4	30.6	21.9	13.1	8.8
-72.5°	87.6	78.8	70.1	61.3	52.5	48.2	39.4	30.6	17.5	13.1	8.8
-75°	83.2	74.4	65.7	61.3	56.9	48.2	39.4	26.3	17.5	13.1	8.8
-77.5°	83.2	74.4	70.1	65.7	56.9	48.2	35.0	21.9	13.1	13.1	8.8
-80°	83.2	78.8	74.4	61.3	52.5	39.4	26.3	21.9	13.1	8.8	4.4
-82.5°	74.4	61.3	52.5	43.8	39.4	30.6	21.9	17.5	8.8	8.8	4.4
-85°	48.2	39.4	35.0	30.6	26.3	21.9	13.1	8.8	8.8	4.4	4.4
-87.5°	21.9	21.9	17.5	13.1	13.1	8.8	8.8	4.4	4.4	4.4	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: P724234
 CATALOG NUMBER: IFLD-L-SA7B-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°	4.4	0.0	0.0	0.0
77.5°	4.4	0.0	0.0	0.0
75°	4.4	4.4	0.0	0.0
72.5°	4.4	4.4	0.0	0.0
70°	4.4	4.4	0.0	0.0
67.5°	4.4	4.4	0.0	0.0
65°	4.4	4.4	0.0	0.0
62.5°	4.4	4.4	0.0	0.0
60°	4.4	4.4	0.0	0.0
57.5°	4.4	4.4	4.4	0.0
55°	4.4	4.4	4.4	0.0
52.5°	4.4	4.4	4.4	0.0
50°	4.4	4.4	4.4	0.0
47.5°	4.4	4.4	4.4	0.0
45°	4.4	4.4	4.4	0.0
42.5°	4.4	4.4	4.4	0.0
40°	4.4	4.4	4.4	0.0
37.5°	4.4	4.4	4.4	0.0
35°	4.4	4.4	4.4	0.0
32.5°	4.4	4.4	4.4	0.0
30°	4.4	4.4	4.4	0.0
27.5°	4.4	4.4	4.4	0.0
25°	4.4	4.4	4.4	0.0
22.5°	4.4	4.4	4.4	0.0
20°	4.4	4.4	4.4	0.0
17.5°	4.4	4.4	4.4	0.0
15°	4.4	4.4	4.4	0.0
12.5°	4.4	4.4	4.4	0.0
10°	4.4	4.4	4.4	0.0
7.5°	4.4	4.4	4.4	0.0
5°	4.4	4.4	4.4	0.0
2.5°	4.4	4.4	4.4	0.0
0°	4.4	4.4	4.4	0.0
-2.5°	4.4	4.4	4.4	0.0
-5°	4.4	4.4	4.4	0.0
-7.5°	4.4	4.4	4.4	0.0
-10°	4.4	4.4	4.4	0.0
-12.5°	4.4	4.4	4.4	0.0
-15°	4.4	4.4	4.4	0.0
-17.5°	4.4	4.4	4.4	0.0
-20°	4.4	4.4	4.4	0.0



REPORT NUMBER: P724234

CATALOG NUMBER: IFLD-L-SA7B-827-U-22-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	4.4	4.4	4.4	0.0
-25°	4.4	4.4	4.4	0.0
-27.5°	4.4	4.4	4.4	0.0
-30°	4.4	4.4	4.4	0.0
-32.5°	4.4	4.4	4.4	0.0
-35°	4.4	4.4	4.4	0.0
-37.5°	4.4	4.4	4.4	0.0
-40°	4.4	4.4	4.4	0.0
-42.5°	4.4	4.4	4.4	0.0
-45°	4.4	4.4	4.4	0.0
-47.5°	4.4	4.4	4.4	0.0
-50°	4.4	4.4	4.4	0.0
-52.5°	4.4	4.4	4.4	0.0
-55°	4.4	4.4	4.4	0.0
-57.5°	4.4	4.4	4.4	0.0
-60°	4.4	4.4	0.0	0.0
-62.5°	4.4	4.4	0.0	0.0
-65°	4.4	4.4	0.0	0.0
-67.5°	4.4	4.4	0.0	0.0
-70°	4.4	4.4	0.0	0.0
-72.5°	4.4	4.4	0.0	0.0
-75°	4.4	4.4	0.0	0.0
-77.5°	4.4	0.0	0.0	0.0
-80°	4.4	0.0	0.0	0.0
-82.5°	4.4	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)