

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: P724085

Luminaire Tested: **IFLD-M-SA4C-730-U-22-VI**

Issue Date: 01/11/2023

Test Information

Test Method: LM-79-2019
Report Number: P724085
Test Lab: INNOVATION CENTER(G2)
Issue Date: 01/11/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-M-SA4C-730-U-22-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 2 distribution lens and Visor
Light Source: (64) 3000K CCT, 70 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

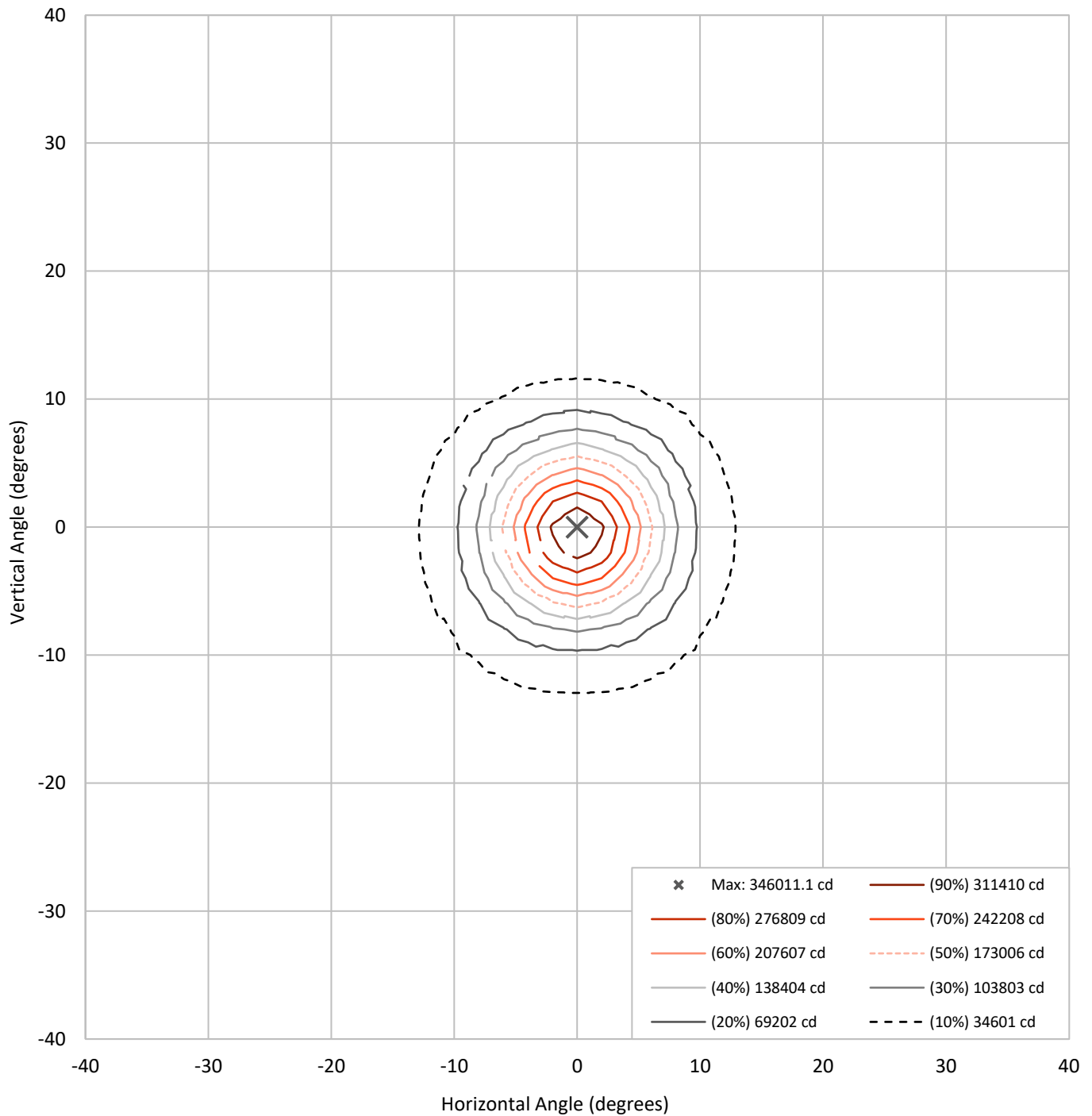
Lumens per Lamp:	N/A	NEMA Type:	2H x 2V
Luminaire Lumens:	24169 lumens	Max Intensity:	346011.1 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	110.8 lumens/watt		
Luminous Opening:	Rectangular (W 2' x L: 0.5' x H: 0')		
Beam Angle (50%):	12.2°H x 11.7°V	Field Angle (10%):	25.1°H x 24.3°V
Beam Lumens:	7561.2 lumens	Field Lumens:	17204.4 lumens
Beam Efficiency:	31.3%	Field Efficiency:	71.2%

Input Watts (W): 218.1
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





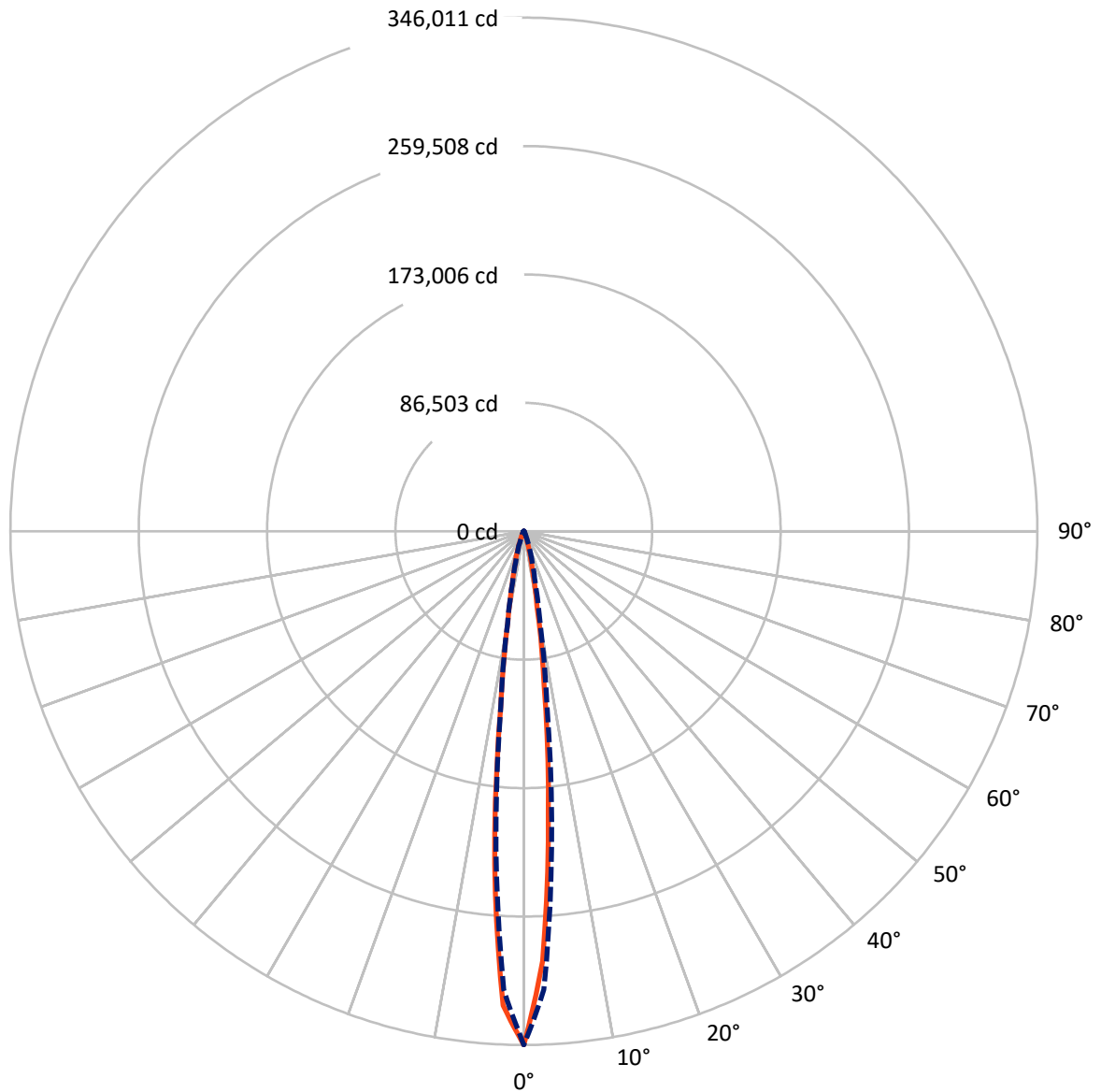
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Lumen Table

90	0.2	1.4		1.2		0.6		0.1		0.6		1.2		1.4		0.2			
80	0.2	1.4		1.2		0.6		0.1		0.6		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	0.7	1.2	1.9	2.3	2.7	2.7	2.3	1.9	1.2	0.7	0.3	0.2				
50	0.1	0.2	0.8	2.0	3.4	4.9	6.4	7.6	7.6	6.4	4.9	3.4	2.0	0.8	0.2	0.1			
40		0.4	1.7	3.6	6.2	9.7	14.7	17.6	17.6	14.7	9.7	6.2	3.6	1.7	0.4				
30	0.2	0.7	2.6	5.3	9.7	16.7	32.2	52.0	52.0	32.2	16.7	9.7	5.3	2.6	0.7	0.2			
20		1.1	3.5	7.3	14.7	36.5	190.4	481.7	481.7	190.4	36.5	14.7	7.3	3.5	1.1				
10	0.4	1.3	4.1	8.6	17.9	74.0	613.3	3779.2	3779.2	613.3	74.0	17.9	8.6	4.1	1.3	0.4			
0		1.6	4.5	9.0	18.7	84.4	674.8	4161.9	4161.9	674.8	84.4	18.7	9.0	4.5	1.6				
-10	0.5	1.7	4.7	9.0	17.6	50.6	302.9	729.9	729.9	302.9	50.6	17.6	9.0	4.7	1.7	0.5			
-20		1.6	4.6	8.5	14.9	25.8	62.6	117.6	117.6	62.6	25.8	14.9	8.5	4.6	1.6				
-30	0.5	1.5	4.3	7.9	12.4	18.3	25.8	30.3	30.3	25.8	18.3	12.4	7.9	4.3	1.5	0.5			
-40		1.3	3.7	7.1	10.8	14.2	18.0	20.0	20.0	18.0	14.2	10.8	7.1	3.7	1.3				
-50	0.4	1.1	3.0	6.0	9.4	12.4	15.2	16.6	16.6	15.2	12.4	9.4	6.0	3.0	1.1	0.4			
-60		0.8	2.2	4.4	7.2	9.9	12.5	13.9	13.9	12.5	9.9	7.2	4.4	2.2	0.8				
-70	0.2	3.3		9.0		16.7		20.1		16.7		9.0		3.3		0.2			
-80		3.3		9.0		16.7		20.1		16.7		9.0		3.3					
-90	0.2	3.3		9.0		16.7		20.1		16.7		9.0		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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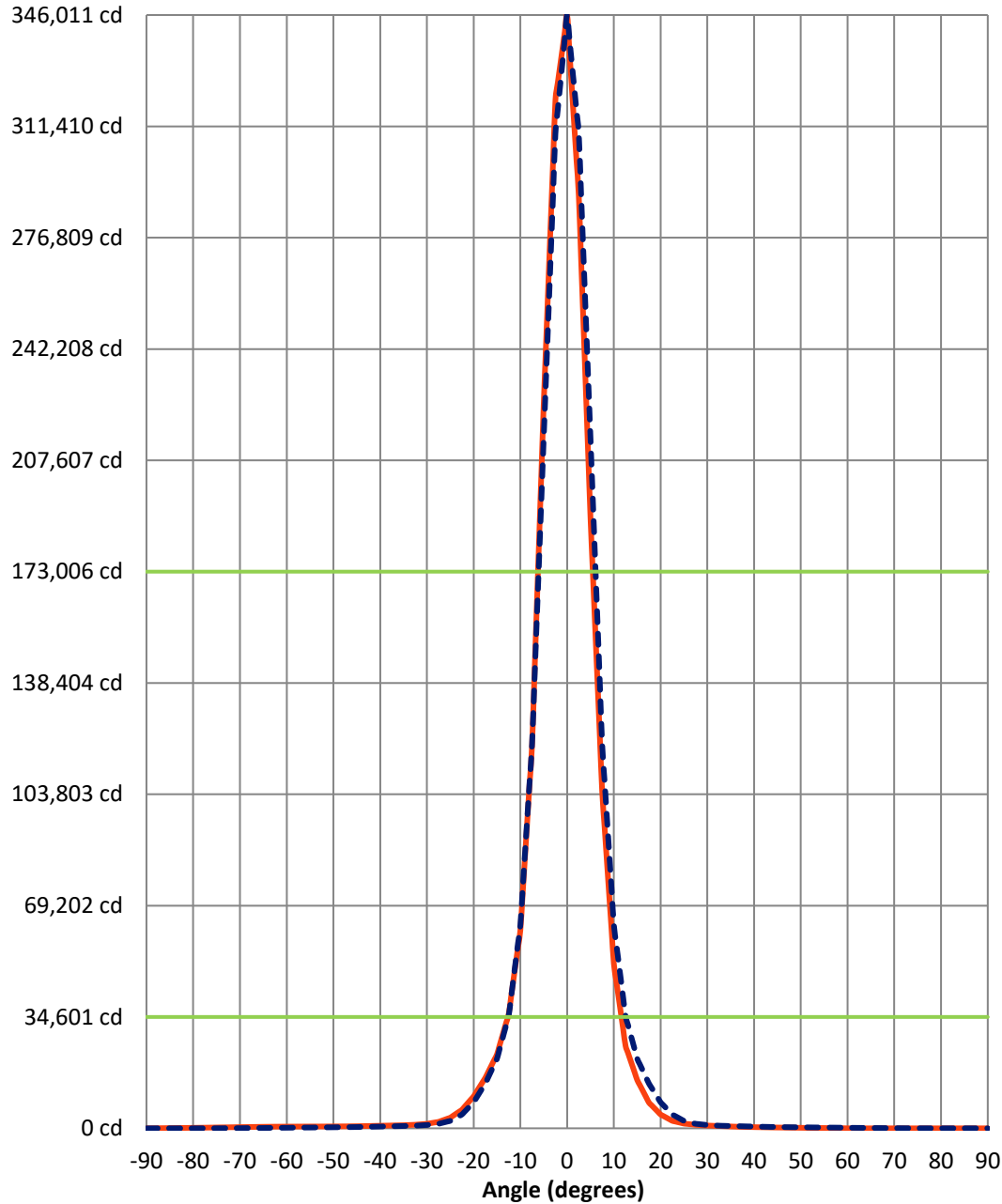
Luminous Intensity Polar Plot



— 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: 7561.2
Efficiency: 31.3%

Field:
H Angle: 25.1°
V Angle: 24.3°
Lumens: 17204.4
Efficiency: 71.2%

Spill:
Lumens: 6964.6
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	4.3	4.3
85°	0.0	0.0	0.0	0.0	4.3	4.3	4.3	4.3	4.3	8.7	8.7
82.5°	0.0	0.0	0.0	0.0	4.3	4.3	4.3	4.3	8.7	8.7	8.7
80°	0.0	0.0	0.0	0.0	4.3	4.3	4.3	4.3	8.7	8.7	8.7
77.5°	0.0	0.0	0.0	0.0	4.3	4.3	4.3	4.3	4.3	4.3	8.7
75°	0.0	0.0	0.0	0.0	4.3	4.3	4.3	4.3	4.3	4.3	4.3
72.5°	0.0	0.0	0.0	0.0	4.3	4.3	4.3	4.3	4.3	4.3	4.3
70°	0.0	0.0	0.0	0.0	4.3	4.3	4.3	4.3	4.3	4.3	4.3
67.5°	0.0	0.0	0.0	0.0	4.3	4.3	4.3	4.3	4.3	4.3	4.3
65°	0.0	0.0	0.0	0.0	4.3	4.3	4.3	4.3	4.3	4.3	4.3
62.5°	0.0	0.0	0.0	0.0	4.3	4.3	4.3	4.3	4.3	4.3	4.3
60°	8.7	8.7	8.7	8.7	13.0	13.0	17.3	17.3	17.3	8.7	17.3
57.5°	69.3	69.3	64.9	60.6	56.3	52.0	52.0	52.0	52.0	52.0	43.3
55°	95.3	95.3	95.3	90.9	90.9	86.6	82.3	77.9	77.9	73.6	69.3
52.5°	112.6	112.6	112.6	112.6	108.2	108.2	108.2	103.9	95.3	95.3	90.9
50°	160.2	155.9	155.9	155.9	155.9	147.2	142.9	134.2	129.9	125.6	121.2
47.5°	207.8	207.8	203.5	203.5	199.2	190.5	181.9	173.2	164.5	160.2	151.5
45°	246.8	246.8	242.5	242.5	238.1	229.5	216.5	203.5	194.8	186.2	177.5
42.5°	303.1	298.8	294.4	290.1	281.4	268.5	251.1	233.8	220.8	207.8	199.2
40°	363.7	363.7	359.4	355.1	342.1	329.1	307.4	285.8	264.1	238.1	225.2
37.5°	437.3	441.7	446.0	446.0	437.3	420.0	389.7	363.7	329.1	294.4	277.1
35°	571.6	571.6	580.2	580.2	567.2	545.6	523.9	467.6	424.3	381.0	342.1
32.5°	718.8	723.1	705.8	692.8	675.5	649.5	610.5	562.9	515.3	459.0	415.7
30°	861.7	861.7	840.0	814.0	779.4	736.1	688.5	636.5	580.2	523.9	472.0
27.5°	1086.8	1065.2	1047.8	1004.5	943.9	861.7	801.0	718.8	645.2	580.2	523.9
25°	1459.2	1454.9	1415.9	1342.3	1221.0	1091.1	991.6	853.0	740.4	640.8	575.9
22.5°	2320.9	2290.5	2199.6	2017.8	1732.0	1506.8	1303.3	1086.8	883.3	749.1	645.2
20°	4291.0	4191.4	3948.9	3446.6	2805.8	2364.2	1857.6	1493.8	1151.8	900.6	744.8
17.5°	8006.1	7941.1	7850.2	6689.8	5386.5	4451.2	3312.4	2290.5	1636.7	1177.7	883.3
15°	15007.6	14527.0	13522.5	12132.5	10309.6	7967.1	5858.4	3697.8	2338.2	1567.4	1121.5
12.5°	25655.0	25122.4	22528.8	19051.8	15774.0	12440.0	8733.5	5620.3	3329.7	1991.8	1329.3
10°	51119.5	47252.8	39991.5	29846.4	23295.2	17371.8	12262.4	7668.4	4334.3	2515.7	1576.1
7.5°	104702.7	92067.9	70946.3	50084.6	32418.4	22784.2	15661.5	10028.2	5776.2	3147.9	1801.3
5°	189769.0	167352.8	126079.7	75917.1	47075.3	28556.1	18584.2	11924.7	6837.0	3663.1	2026.4
2.5°	289765.0	260767.3	182278.1	104390.9	58047.4	33024.6	20627.9	13171.7	7512.5	4013.9	2199.6
0°	346011.1	309076.6	214661.9	119515.4	63273.6	34921.1	21628.1	13920.8	8084.0	4299.6	2312.2
-2.5°	319628.7	289894.9	197277.1	111020.1	60463.5	34089.7	21771.0	14107.0	8179.3	4377.6	2364.2
-5°	225274.6	200871.0	136501.9	81927.1	51301.3	31400.8	20541.3	13405.5	7915.2	4265.0	2342.5
-7.5°	119182.0	108140.6	80952.9	58870.1	37445.5	26577.3	18493.2	12162.8	7231.0	3961.9	2212.6
-10°	61576.3	59311.7	51110.8	38527.9	30301.0	22264.6	15782.7	10400.6	6044.6	3412.0	1991.8
-12.5°	35501.3	35115.9	32479.0	27880.6	23234.5	18289.7	12950.9	8482.4	5044.4	2827.5	1680.0
-15°	22987.7	23152.3	22234.3	20320.5	17674.9	13687.0	9950.2	6308.7	3732.4	2290.5	1480.8
-17.5°	15687.4	15644.1	15215.5	13903.5	11773.1	9244.5	6594.5	4455.5	2827.5	1783.9	1229.7
-20°	9924.3	9941.6	9543.2	8638.3	7070.8	5698.2	4104.8	3005.0	2004.8	1402.9	1086.8



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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°	5758.8	5771.8	5520.7	5009.8	4187.1	3377.4	2667.3	1987.4	1476.5	1169.1	952.6
-25°	3308.1	3256.1	3156.5	2909.7	2524.4	2082.7	1771.0	1398.6	1182.1	991.6	870.3
-27.5°	2004.8	1970.1	1918.2	1809.9	1658.4	1437.5	1294.7	1130.1	1004.5	892.0	818.4
-30°	1398.6	1411.6	1368.3	1312.0	1242.7	1143.1	1065.2	987.2	905.0	835.7	766.4
-32.5°	1112.8	1121.5	1099.8	1078.2	1043.5	1004.5	956.9	900.6	835.7	770.7	705.8
-35°	956.9	961.3	961.3	956.9	948.3	918.0	883.3	831.4	770.7	710.1	653.8
-37.5°	879.0	883.3	883.3	879.0	866.0	840.0	805.4	762.1	705.8	649.5	606.2
-40°	796.7	801.0	796.7	788.1	775.1	749.1	723.1	688.5	645.2	597.5	558.6
-42.5°	718.8	714.4	710.1	701.5	688.5	671.1	649.5	623.5	593.2	558.6	528.3
-45°	645.2	645.2	640.8	636.5	627.8	614.9	601.9	580.2	558.6	532.6	506.6
-47.5°	606.2	606.2	601.9	597.5	593.2	584.5	571.6	554.2	536.9	515.3	493.6
-50°	580.2	580.2	580.2	575.9	571.6	562.9	549.9	536.9	519.6	497.9	476.3
-52.5°	562.9	562.9	562.9	558.6	554.2	549.9	536.9	519.6	497.9	480.6	463.3
-55°	554.2	549.9	549.9	545.6	541.2	536.9	519.6	502.3	485.0	467.6	450.3
-57.5°	541.2	536.9	536.9	532.6	528.3	523.9	506.6	489.3	472.0	450.3	437.3
-60°	528.3	523.9	523.9	515.3	510.9	506.6	489.3	472.0	454.6	437.3	420.0
-62.5°	510.9	506.6	502.3	497.9	489.3	480.6	467.6	450.3	428.7	411.3	394.0
-65°	472.0	467.6	463.3	459.0	454.6	450.3	437.3	415.7	398.4	381.0	363.7
-67.5°	424.3	424.3	424.3	415.7	411.3	402.7	394.0	376.7	359.4	342.1	329.1
-70°	368.0	368.0	368.0	359.4	355.1	350.7	337.7	324.7	311.8	298.8	281.4
-72.5°	311.8	307.4	307.4	303.1	294.4	290.1	281.4	272.8	259.8	251.1	238.1
-75°	255.5	251.1	251.1	246.8	242.5	238.1	229.5	225.2	216.5	207.8	194.8
-77.5°	203.5	203.5	203.5	199.2	194.8	190.5	186.2	181.9	177.5	168.9	160.2
-80°	155.9	155.9	155.9	155.9	155.9	155.9	155.9	151.5	142.9	138.6	134.2
-82.5°	112.6	116.9	116.9	116.9	116.9	116.9	116.9	116.9	112.6	108.2	103.9
-85°	73.6	77.9	77.9	82.3	86.6	86.6	90.9	86.6	82.3	73.6	69.3
-87.5°	39.0	39.0	39.0	39.0	39.0	39.0	39.0	34.6	34.6	34.6	30.3
-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°	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3	8.7	8.7	8.7
85°	8.7	8.7	8.7	8.7	13.0	13.0	13.0	17.3	17.3	17.3	17.3
82.5°	8.7	13.0	13.0	13.0	17.3	17.3	21.6	26.0	34.6	39.0	39.0
80°	8.7	13.0	13.0	13.0	17.3	17.3	21.6	21.6	26.0	30.3	39.0
77.5°	8.7	8.7	13.0	13.0	13.0	17.3	17.3	21.6	21.6	26.0	30.3
75°	4.3	8.7	8.7	8.7	13.0	13.0	17.3	17.3	21.6	21.6	26.0
72.5°	4.3	8.7	8.7	8.7	13.0	13.0	17.3	17.3	17.3	21.6	21.6
70°	4.3	8.7	8.7	8.7	8.7	13.0	13.0	13.0	17.3	17.3	17.3
67.5°	4.3	4.3	4.3	8.7	8.7	8.7	8.7	13.0	13.0	13.0	17.3
65°	4.3	4.3	4.3	4.3	8.7	8.7	8.7	8.7	13.0	13.0	13.0
62.5°	4.3	4.3	4.3	8.7	8.7	8.7	8.7	8.7	13.0	13.0	13.0
60°	17.3	17.3	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0
57.5°	39.0	39.0	34.6	30.3	26.0	26.0	21.6	17.3	17.3	13.0	13.0
55°	64.9	60.6	56.3	47.6	43.3	39.0	34.6	26.0	21.6	17.3	13.0
52.5°	82.3	77.9	73.6	69.3	60.6	52.0	47.6	43.3	34.6	26.0	21.6
50°	121.2	108.2	99.6	90.9	82.3	73.6	64.9	60.6	47.6	39.0	30.3
47.5°	147.2	138.6	125.6	116.9	108.2	95.3	82.3	73.6	64.9	52.0	39.0
45°	168.9	160.2	147.2	138.6	129.9	116.9	103.9	90.9	82.3	69.3	52.0
42.5°	190.5	181.9	168.9	160.2	147.2	134.2	121.2	108.2	95.3	86.6	69.3
40°	220.8	207.8	190.5	181.9	173.2	155.9	138.6	125.6	112.6	99.6	82.3
37.5°	259.8	246.8	225.2	207.8	194.8	181.9	164.5	147.2	134.2	116.9	99.6
35°	320.4	298.8	268.5	242.5	225.2	207.8	186.2	168.9	151.5	134.2	116.9
32.5°	381.0	346.4	307.4	277.1	251.1	229.5	207.8	190.5	168.9	147.2	129.9
30°	428.7	389.7	350.7	307.4	277.1	251.1	229.5	207.8	186.2	164.5	142.9
27.5°	476.3	433.0	389.7	346.4	303.1	268.5	246.8	225.2	203.5	181.9	155.9
25°	523.9	476.3	433.0	385.4	333.4	294.4	264.1	246.8	225.2	199.2	168.9
22.5°	567.2	523.9	480.6	428.7	368.0	316.1	285.8	264.1	242.5	212.2	186.2
20°	649.5	593.2	541.2	476.3	407.0	355.1	316.1	285.8	259.8	229.5	199.2
17.5°	757.7	675.5	606.2	532.6	463.3	398.4	342.1	307.4	281.4	246.8	212.2
15°	896.3	753.4	666.8	593.2	510.9	437.3	376.7	329.1	294.4	259.8	229.5
12.5°	1000.2	814.0	718.8	649.5	562.9	480.6	402.7	346.4	307.4	272.8	238.1
10°	1117.1	879.0	762.1	684.1	593.2	502.3	420.0	359.4	316.1	285.8	251.1
7.5°	1212.4	930.9	783.7	697.1	610.5	519.6	437.3	372.4	329.1	294.4	259.8
5°	1299.0	974.2	801.0	701.5	619.2	532.6	446.0	381.0	337.7	303.1	268.5
2.5°	1359.6	1013.2	818.4	710.1	627.8	541.2	459.0	389.7	346.4	311.8	277.1
0°	1411.6	1026.2	814.0	710.1	632.2	541.2	463.3	394.0	350.7	316.1	281.4
-2.5°	1428.9	1047.8	835.7	718.8	640.8	549.9	472.0	398.4	355.1	320.4	290.1
-5°	1428.9	1030.5	835.7	727.4	645.2	554.2	472.0	402.7	359.4	324.7	290.1
-7.5°	1376.9	1004.5	831.4	736.1	649.5	558.6	472.0	407.0	363.7	329.1	294.4
-10°	1286.0	965.6	827.0	740.4	649.5	554.2	472.0	407.0	363.7	329.1	298.8
-12.5°	1138.8	913.6	805.4	731.8	640.8	545.6	467.6	407.0	363.7	333.4	298.8
-15°	1065.2	870.3	779.4	705.8	619.2	532.6	459.0	402.7	363.7	333.4	303.1
-17.5°	965.6	835.7	753.4	679.8	601.9	519.6	450.3	402.7	363.7	329.1	303.1
-20°	896.3	796.7	723.1	658.2	580.2	506.6	446.0	398.4	363.7	329.1	303.1



REPORT NUMBER: P724085
 CATALOG NUMBER: IFLD-M-SA4C-730-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°	835.7	753.4	688.5	623.5	554.2	489.3	437.3	394.0	359.4	329.1	303.1
-25°	788.1	714.4	653.8	593.2	532.6	476.3	428.7	389.7	355.1	329.1	298.8
-27.5°	744.8	675.5	619.2	562.9	506.6	463.3	420.0	385.4	355.1	324.7	294.4
-30°	697.1	640.8	584.5	532.6	493.6	450.3	411.3	376.7	350.7	320.4	290.1
-32.5°	649.5	597.5	549.9	510.9	476.3	441.7	407.0	372.4	342.1	311.8	281.4
-35°	606.2	558.6	523.9	489.3	463.3	433.0	398.4	363.7	337.7	307.4	281.4
-37.5°	562.9	528.3	497.9	472.0	446.0	420.0	385.4	355.1	329.1	298.8	268.5
-40°	528.3	502.3	480.6	459.0	433.0	402.7	376.7	346.4	320.4	290.1	255.5
-42.5°	506.6	485.0	463.3	441.7	420.0	394.0	368.0	337.7	311.8	281.4	246.8
-45°	485.0	467.6	450.3	433.0	411.3	385.4	355.1	324.7	298.8	268.5	242.5
-47.5°	472.0	454.6	437.3	424.3	407.0	372.4	346.4	316.1	285.8	259.8	229.5
-50°	459.0	441.7	428.7	411.3	389.7	359.4	333.4	303.1	277.1	246.8	220.8
-52.5°	446.0	428.7	411.3	394.0	372.4	346.4	320.4	294.4	264.1	233.8	207.8
-55°	433.0	415.7	398.4	381.0	359.4	337.7	311.8	277.1	246.8	216.5	190.5
-57.5°	420.0	407.0	385.4	363.7	342.1	320.4	290.1	259.8	229.5	199.2	177.5
-60°	402.7	385.4	368.0	342.1	320.4	294.4	268.5	242.5	212.2	186.2	164.5
-62.5°	376.7	359.4	342.1	316.1	294.4	272.8	251.1	220.8	199.2	173.2	151.5
-65°	346.4	329.1	311.8	290.1	268.5	246.8	229.5	203.5	181.9	160.2	142.9
-67.5°	311.8	294.4	281.4	259.8	242.5	220.8	203.5	181.9	160.2	142.9	125.6
-70°	268.5	255.5	242.5	225.2	207.8	190.5	173.2	155.9	138.6	125.6	108.2
-72.5°	229.5	216.5	203.5	190.5	177.5	160.2	147.2	134.2	121.2	108.2	99.6
-75°	186.2	177.5	168.9	160.2	147.2	134.2	125.6	112.6	103.9	95.3	90.9
-77.5°	155.9	147.2	138.6	129.9	121.2	112.6	103.9	95.3	90.9	86.6	82.3
-80°	125.6	121.2	116.9	108.2	103.9	95.3	90.9	82.3	82.3	82.3	82.3
-82.5°	99.6	95.3	90.9	86.6	82.3	77.9	77.9	73.6	77.9	77.9	73.6
-85°	69.3	64.9	60.6	60.6	56.3	56.3	52.0	52.0	52.0	47.6	47.6
-87.5°	30.3	30.3	30.3	30.3	26.0	26.0	26.0	26.0	26.0	21.6	21.6
-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: P724085
 CATALOG NUMBER: IFLD-M-SA4C-730-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°	8.7	8.7	4.3	4.3	4.3	4.3	4.3	4.3	4.3	0.0	0.0
85°	17.3	17.3	13.0	13.0	13.0	8.7	8.7	4.3	4.3	4.3	4.3
82.5°	39.0	34.6	30.3	26.0	21.6	17.3	13.0	8.7	8.7	4.3	4.3
80°	47.6	47.6	47.6	43.3	34.6	26.0	17.3	13.0	8.7	4.3	4.3
77.5°	34.6	34.6	39.0	43.3	43.3	34.6	21.6	13.0	8.7	8.7	4.3
75°	26.0	26.0	26.0	30.3	34.6	34.6	26.0	17.3	8.7	8.7	4.3
72.5°	26.0	26.0	26.0	26.0	26.0	26.0	26.0	17.3	13.0	8.7	8.7
70°	21.6	21.6	21.6	21.6	21.6	21.6	21.6	17.3	13.0	8.7	8.7
67.5°	17.3	17.3	21.6	21.6	21.6	17.3	17.3	17.3	13.0	8.7	8.7
65°	13.0	17.3	17.3	21.6	17.3	17.3	17.3	13.0	13.0	8.7	8.7
62.5°	13.0	13.0	17.3	17.3	17.3	17.3	13.0	13.0	13.0	8.7	8.7
60°	13.0	13.0	13.0	17.3	13.0	13.0	13.0	13.0	13.0	8.7	8.7
57.5°	13.0	13.0	13.0	13.0	13.0	13.0	13.0	8.7	8.7	8.7	8.7
55°	13.0	13.0	13.0	13.0	13.0	13.0	8.7	8.7	8.7	8.7	8.7
52.5°	17.3	13.0	13.0	13.0	13.0	13.0	8.7	8.7	8.7	8.7	8.7
50°	21.6	13.0	13.0	13.0	13.0	8.7	8.7	8.7	8.7	8.7	8.7
47.5°	30.3	21.6	17.3	13.0	13.0	8.7	8.7	8.7	8.7	8.7	4.3
45°	43.3	30.3	21.6	17.3	13.0	8.7	8.7	8.7	8.7	8.7	4.3
42.5°	52.0	39.0	26.0	21.6	17.3	13.0	8.7	8.7	8.7	4.3	4.3
40°	64.9	52.0	34.6	26.0	17.3	13.0	8.7	8.7	8.7	4.3	4.3
37.5°	82.3	64.9	43.3	30.3	21.6	13.0	13.0	8.7	8.7	4.3	4.3
35°	95.3	73.6	56.3	34.6	26.0	17.3	13.0	8.7	8.7	4.3	4.3
32.5°	108.2	86.6	69.3	43.3	30.3	21.6	17.3	8.7	8.7	4.3	4.3
30°	121.2	99.6	77.9	56.3	39.0	26.0	17.3	8.7	8.7	4.3	4.3
27.5°	134.2	108.2	86.6	64.9	43.3	30.3	21.6	13.0	8.7	4.3	4.3
25°	147.2	121.2	95.3	73.6	47.6	34.6	21.6	13.0	8.7	8.7	4.3
22.5°	155.9	134.2	108.2	82.3	56.3	39.0	26.0	17.3	8.7	8.7	4.3
20°	168.9	147.2	116.9	90.9	64.9	43.3	26.0	17.3	8.7	8.7	4.3
17.5°	181.9	155.9	125.6	99.6	73.6	47.6	30.3	21.6	8.7	8.7	4.3
15°	194.8	164.5	134.2	103.9	77.9	52.0	30.3	21.6	8.7	8.7	4.3
12.5°	207.8	177.5	142.9	112.6	82.3	56.3	34.6	26.0	13.0	8.7	4.3
10°	216.5	186.2	151.5	116.9	86.6	64.9	39.0	26.0	13.0	8.7	4.3
7.5°	229.5	194.8	160.2	125.6	90.9	69.3	43.3	26.0	13.0	8.7	4.3
5°	233.8	203.5	164.5	134.2	95.3	73.6	47.6	30.3	13.0	8.7	4.3
2.5°	238.1	212.2	168.9	138.6	99.6	73.6	47.6	30.3	17.3	8.7	4.3
0°	242.5	216.5	173.2	142.9	103.9	77.9	52.0	30.3	17.3	8.7	4.3
-2.5°	246.8	220.8	181.9	147.2	108.2	82.3	56.3	30.3	17.3	8.7	4.3
-5°	251.1	220.8	190.5	151.5	112.6	82.3	56.3	34.6	21.6	8.7	4.3
-7.5°	255.5	225.2	194.8	155.9	116.9	82.3	60.6	34.6	21.6	13.0	4.3
-10°	259.8	229.5	199.2	160.2	116.9	86.6	60.6	34.6	21.6	13.0	4.3
-12.5°	264.1	233.8	199.2	160.2	121.2	86.6	60.6	39.0	21.6	13.0	4.3
-15°	268.5	233.8	199.2	160.2	121.2	90.9	64.9	39.0	21.6	13.0	8.7
-17.5°	268.5	233.8	199.2	164.5	121.2	90.9	64.9	39.0	21.6	13.0	8.7
-20°	268.5	233.8	199.2	164.5	121.2	90.9	64.9	39.0	21.6	13.0	8.7



REPORT NUMBER: P724085
 CATALOG NUMBER: IFLD-M-SA4C-730-U-22-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	264.1	229.5	199.2	160.2	121.2	90.9	64.9	39.0	26.0	13.0	8.7
-25°	264.1	229.5	199.2	160.2	121.2	90.9	60.6	39.0	26.0	13.0	8.7
-27.5°	259.8	229.5	194.8	155.9	116.9	86.6	60.6	39.0	26.0	13.0	8.7
-30°	255.5	225.2	190.5	151.5	116.9	86.6	60.6	39.0	26.0	13.0	8.7
-32.5°	251.1	216.5	186.2	147.2	112.6	82.3	60.6	39.0	26.0	13.0	8.7
-35°	242.5	212.2	177.5	142.9	108.2	82.3	56.3	39.0	26.0	17.3	8.7
-37.5°	233.8	203.5	173.2	138.6	103.9	77.9	56.3	39.0	26.0	17.3	8.7
-40°	225.2	199.2	164.5	129.9	99.6	73.6	56.3	39.0	26.0	17.3	13.0
-42.5°	216.5	190.5	160.2	125.6	99.6	73.6	52.0	39.0	26.0	17.3	13.0
-45°	212.2	186.2	151.5	121.2	95.3	73.6	52.0	34.6	26.0	17.3	13.0
-47.5°	203.5	173.2	142.9	116.9	90.9	69.3	47.6	34.6	26.0	17.3	13.0
-50°	190.5	164.5	138.6	112.6	86.6	64.9	47.6	34.6	26.0	17.3	13.0
-52.5°	177.5	151.5	129.9	103.9	82.3	64.9	47.6	34.6	26.0	17.3	13.0
-55°	164.5	142.9	121.2	99.6	77.9	60.6	43.3	34.6	26.0	17.3	13.0
-57.5°	155.9	134.2	112.6	90.9	73.6	56.3	43.3	30.3	21.6	17.3	13.0
-60°	147.2	125.6	103.9	86.6	69.3	56.3	43.3	30.3	21.6	17.3	8.7
-62.5°	134.2	116.9	95.3	82.3	64.9	52.0	39.0	30.3	21.6	17.3	8.7
-65°	121.2	103.9	86.6	73.6	60.6	47.6	39.0	30.3	21.6	17.3	8.7
-67.5°	108.2	95.3	82.3	69.3	56.3	47.6	39.0	30.3	21.6	13.0	8.7
-70°	99.6	86.6	73.6	64.9	56.3	43.3	39.0	30.3	21.6	13.0	8.7
-72.5°	86.6	77.9	69.3	60.6	52.0	47.6	39.0	30.3	17.3	13.0	8.7
-75°	82.3	73.6	64.9	60.6	56.3	47.6	39.0	26.0	17.3	13.0	8.7
-77.5°	82.3	73.6	69.3	64.9	56.3	47.6	34.6	21.6	13.0	13.0	8.7
-80°	82.3	77.9	73.6	60.6	52.0	39.0	26.0	21.6	13.0	8.7	4.3
-82.5°	73.6	60.6	52.0	43.3	39.0	30.3	21.6	17.3	8.7	8.7	4.3
-85°	47.6	39.0	34.6	30.3	26.0	21.6	13.0	8.7	8.7	4.3	4.3
-87.5°	21.6	21.6	17.3	13.0	13.0	8.7	8.7	4.3	4.3	4.3	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: P724085
 CATALOG NUMBER: IFLD-M-SA4C-730-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°	4.3	0.0	0.0	0.0
77.5°	4.3	0.0	0.0	0.0
75°	4.3	4.3	0.0	0.0
72.5°	4.3	4.3	0.0	0.0
70°	4.3	4.3	0.0	0.0
67.5°	4.3	4.3	0.0	0.0
65°	4.3	4.3	0.0	0.0
62.5°	4.3	4.3	0.0	0.0
60°	4.3	4.3	0.0	0.0
57.5°	4.3	4.3	4.3	0.0
55°	4.3	4.3	4.3	0.0
52.5°	4.3	4.3	4.3	0.0
50°	4.3	4.3	4.3	0.0
47.5°	4.3	4.3	4.3	0.0
45°	4.3	4.3	4.3	0.0
42.5°	4.3	4.3	4.3	0.0
40°	4.3	4.3	4.3	0.0
37.5°	4.3	4.3	4.3	0.0
35°	4.3	4.3	4.3	0.0
32.5°	4.3	4.3	4.3	0.0
30°	4.3	4.3	4.3	0.0
27.5°	4.3	4.3	4.3	0.0
25°	4.3	4.3	4.3	0.0
22.5°	4.3	4.3	4.3	0.0
20°	4.3	4.3	4.3	0.0
17.5°	4.3	4.3	4.3	0.0
15°	4.3	4.3	4.3	0.0
12.5°	4.3	4.3	4.3	0.0
10°	4.3	4.3	4.3	0.0
7.5°	4.3	4.3	4.3	0.0
5°	4.3	4.3	4.3	0.0
2.5°	4.3	4.3	4.3	0.0
0°	4.3	4.3	4.3	0.0
-2.5°	4.3	4.3	4.3	0.0
-5°	4.3	4.3	4.3	0.0
-7.5°	4.3	4.3	4.3	0.0
-10°	4.3	4.3	4.3	0.0
-12.5°	4.3	4.3	4.3	0.0
-15°	4.3	4.3	4.3	0.0
-17.5°	4.3	4.3	4.3	0.0
-20°	4.3	4.3	4.3	0.0



REPORT NUMBER: P724085
CATALOG NUMBER: IFLD-M-SA4C-730-U-22-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	4.3	4.3	4.3	0.0
-25°	4.3	4.3	4.3	0.0
-27.5°	4.3	4.3	4.3	0.0
-30°	4.3	4.3	4.3	0.0
-32.5°	4.3	4.3	4.3	0.0
-35°	4.3	4.3	4.3	0.0
-37.5°	4.3	4.3	4.3	0.0
-40°	4.3	4.3	4.3	0.0
-42.5°	4.3	4.3	4.3	0.0
-45°	4.3	4.3	4.3	0.0
-47.5°	4.3	4.3	4.3	0.0
-50°	4.3	4.3	4.3	0.0
-52.5°	4.3	4.3	4.3	0.0
-55°	4.3	4.3	4.3	0.0
-57.5°	4.3	4.3	4.3	0.0
-60°	4.3	4.3	0.0	0.0
-62.5°	4.3	4.3	0.0	0.0
-65°	4.3	4.3	0.0	0.0
-67.5°	4.3	4.3	0.0	0.0
-70°	4.3	4.3	0.0	0.0
-72.5°	4.3	4.3	0.0	0.0
-75°	4.3	4.3	0.0	0.0
-77.5°	4.3	0.0	0.0	0.0
-80°	4.3	0.0	0.0	0.0
-82.5°	4.3	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)