

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: P724112

Luminaire Tested: **IFLD-M-SA4A-735-U-22-VI**

Issue Date: 01/11/2023

Test Information

Test Method: LM-79-2019
Report Number: P724112
Test Lab: INNOVATION CENTER(G2)
Issue Date: 01/11/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-M-SA4A-735-U-22-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 2 distribution lens and Visor
Light Source: (64) 3500K CCT, 70 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

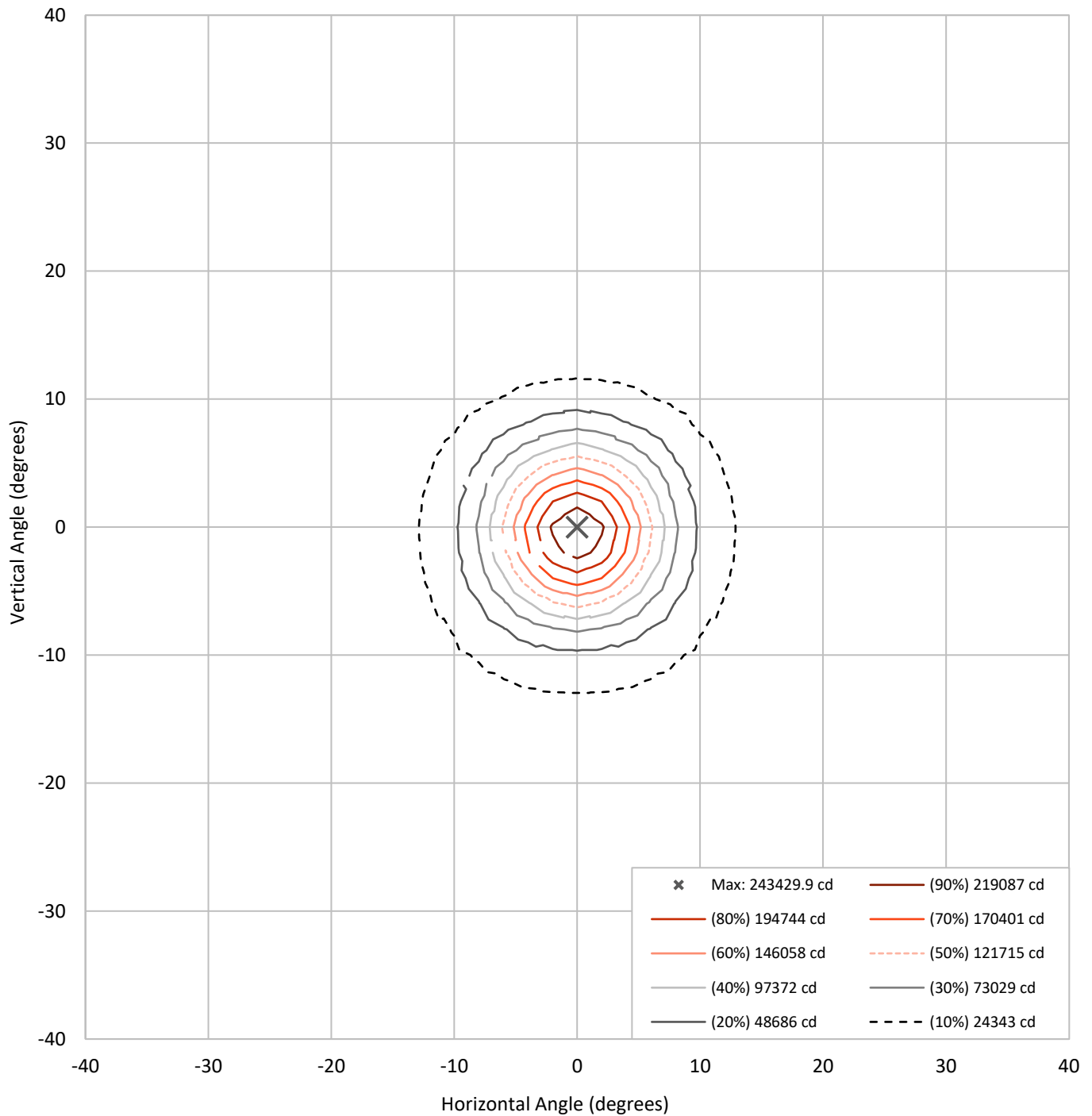
Lumens per Lamp:	N/A	NEMA Type:	2H x 2V
Luminaire Lumens:	17003.7 lumens	Max Intensity:	243429.9 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	132.2 lumens/watt		
Luminous Opening:	Rectangular (W 2' x L: 0.5' x H: 0')		
Beam Angle (50%):	12.2°H x 11.7°V	Field Angle (10%):	25.1°H x 24.3°V
Beam Lumens:	5319.5 lumens	Field Lumens:	12103.9 lumens
Beam Efficiency:	31.3%	Field Efficiency:	71.2%

Input Watts (W): 128.6
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





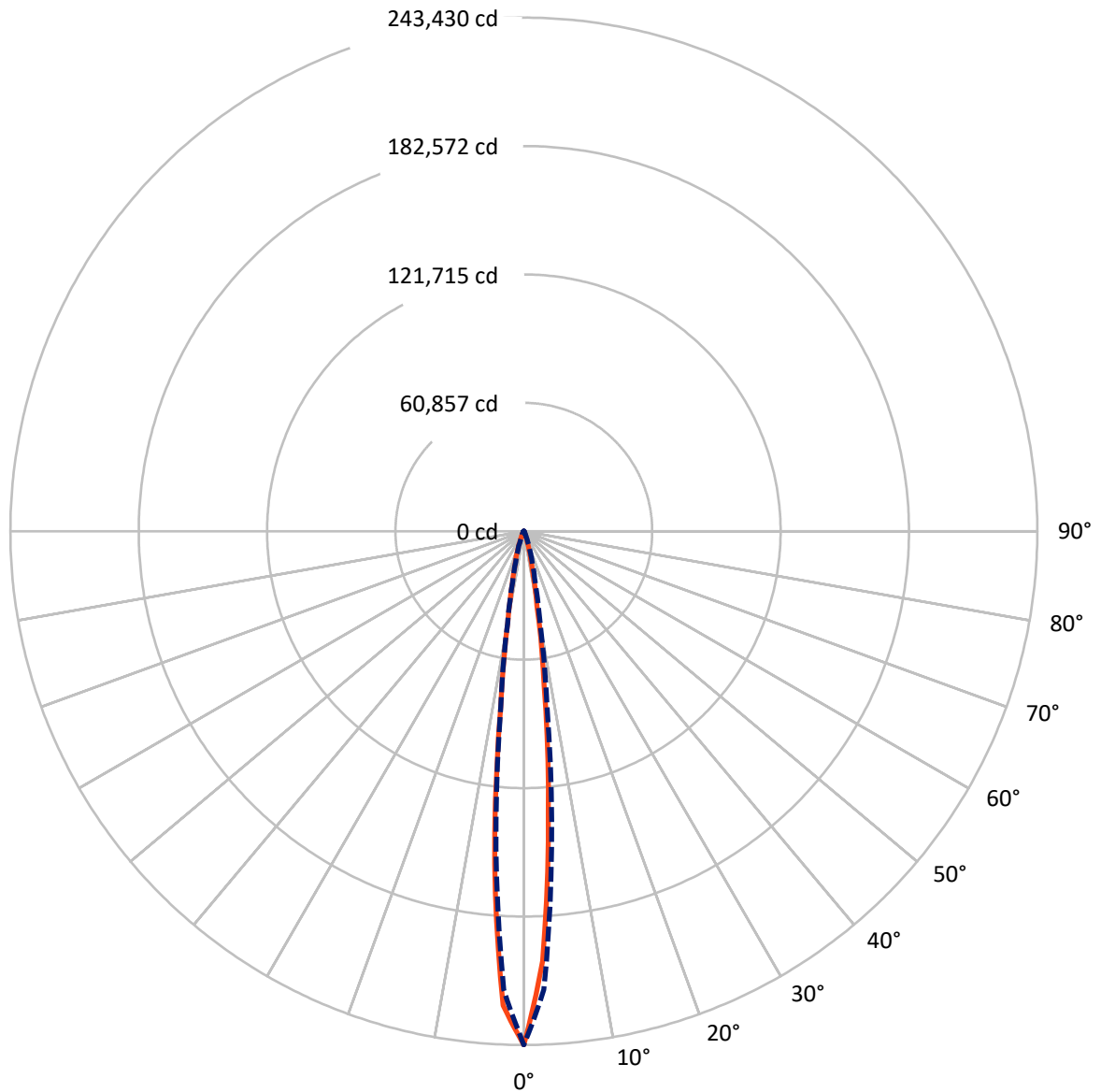
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Lumen Table

90	0.1	1.0	0.9	0.4	0.0	0.4	0.9	1.0	0.1										
80	0.1	1.0	0.9	0.4	0.0	0.4	0.9	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	0.5	0.9	1.3	1.7	1.9	1.9	1.7	1.3	0.9	0.5	0.2	0.1				
50	0.1	0.1	0.5	1.4	2.4	3.4	4.5	5.3	5.3	4.5	3.4	2.4	1.4	0.5	0.1	0.1			
40		0.3	1.2	2.6	4.3	6.8	10.3	12.4	12.4	10.3	6.8	4.3	2.6	1.2	0.3				
30	0.2	0.5	1.8	3.7	6.8	11.8	22.7	36.6	36.6	22.7	11.8	6.8	3.7	1.8	0.5	0.2			
20		0.7	2.4	5.1	10.3	25.6	134.0	338.9	338.9	134.0	25.6	10.3	5.1	2.4	0.7				
10	0.3	0.9	2.9	6.0	12.6	52.1	431.5	2658.8	2658.8	431.5	52.1	12.6	6.0	2.9	0.9	0.3			
0		1.1	3.2	6.4	13.2	59.4	474.8	2928.0	2928.0	474.8	59.4	13.2	6.4	3.2	1.1				
-10	0.4	1.2	3.3	6.3	12.4	35.6	213.1	513.5	513.5	213.1	35.6	12.4	6.3	3.3	1.2	0.4			
-20		1.2	3.3	6.0	10.5	18.1	44.0	82.7	82.7	44.0	18.1	10.5	6.0	3.3	1.2				
-30	0.4	1.0	3.0	5.6	8.7	12.9	18.2	21.3	21.3	18.2	12.9	8.7	5.6	3.0	1.0	0.4			
-40		0.9	2.6	5.0	7.6	10.0	12.6	14.0	14.0	12.6	10.0	7.6	5.0	2.6	0.9				
-50	0.3	0.7	2.1	4.2	6.6	8.7	10.7	11.7	11.7	10.7	8.7	6.6	4.2	2.1	0.7	0.3			
-60		0.6	1.5	3.1	5.1	7.0	8.8	9.7	9.7	8.8	7.0	5.1	3.1	1.5	0.6				
-70	0.2	0.6	1.5	3.1	5.1	7.0	8.8	9.7	9.7	8.8	7.0	5.1	3.1	1.5	0.6	0.2			
-80		0.2	2.3	6.4	11.8	14.2	11.8	6.4	2.3	0.2									
-90	0.2	2.3	6.4	11.8	14.2	11.8	6.4	2.3	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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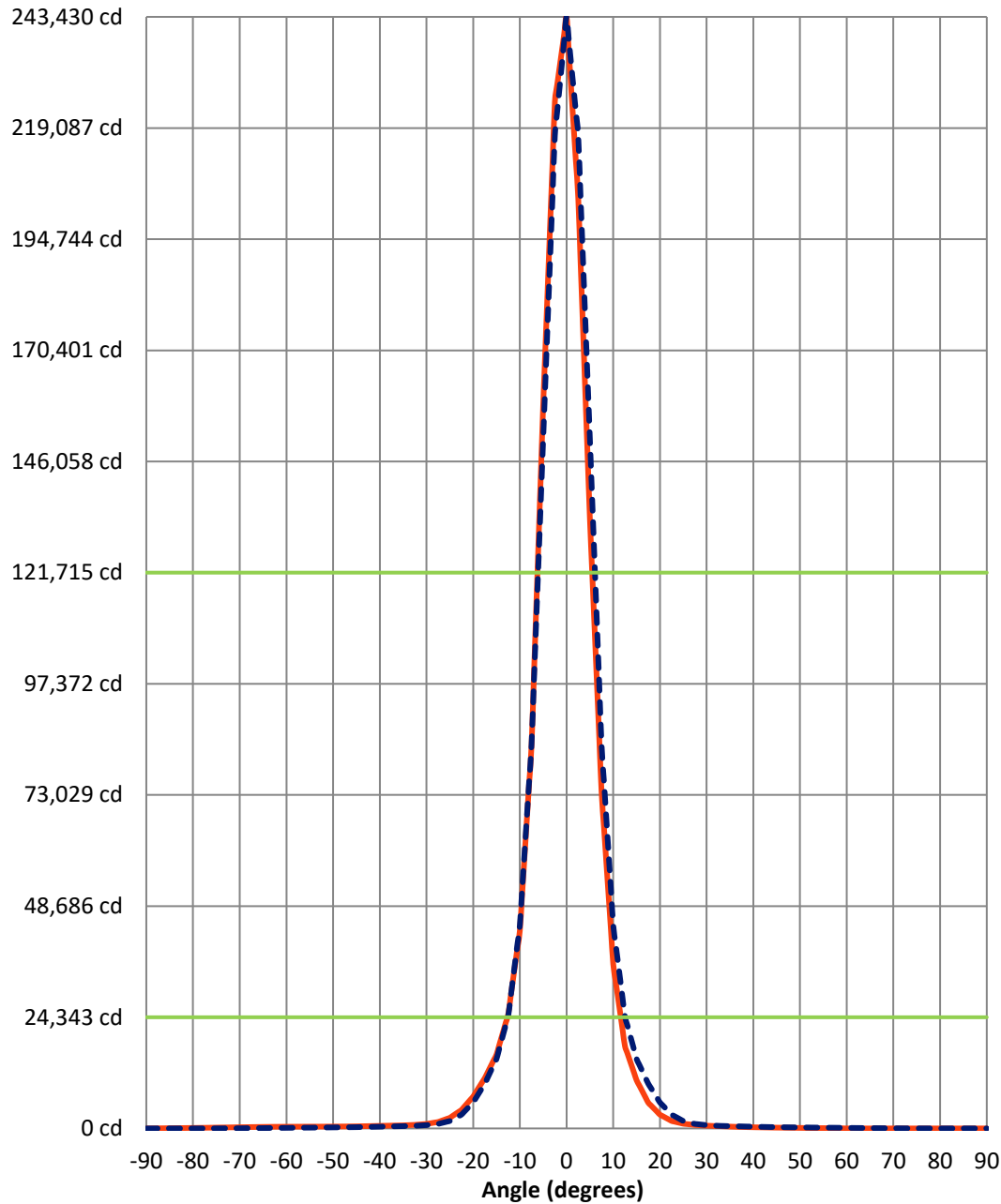
Luminous Intensity Polar Plot



— 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: 5319.5
Efficiency: 31.3%

Field:
H Angle: 25.1°
V Angle: 24.3°
Lumens: 12103.9
Efficiency: 71.2%

Spill:
Lumens: 4899.8
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	3.0	3.0
85°	0.0	0.0	0.0	0.0	3.0	3.0	3.0	3.0	3.0	6.1	6.1
82.5°	0.0	0.0	0.0	0.0	3.0	3.0	3.0	3.0	6.1	6.1	6.1
80°	0.0	0.0	0.0	0.0	3.0	3.0	3.0	3.0	6.1	6.1	6.1
77.5°	0.0	0.0	0.0	0.0	3.0	3.0	3.0	3.0	3.0	3.0	6.1
75°	0.0	0.0	0.0	0.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
72.5°	0.0	0.0	0.0	0.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
70°	0.0	0.0	0.0	0.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
67.5°	0.0	0.0	0.0	0.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
65°	0.0	0.0	0.0	0.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
62.5°	0.0	0.0	0.0	0.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
60°	6.1	6.1	6.1	6.1	9.1	9.1	12.2	12.2	12.2	6.1	12.2
57.5°	48.7	48.7	45.7	42.6	39.6	36.6	36.6	36.6	36.6	36.6	30.5
55°	67.0	67.0	67.0	64.0	64.0	60.9	57.9	54.8	54.8	51.8	48.7
52.5°	79.2	79.2	79.2	79.2	76.2	76.2	76.2	73.1	67.0	67.0	64.0
50°	112.7	109.7	109.7	109.7	109.7	103.6	100.5	94.4	91.4	88.3	85.3
47.5°	146.2	146.2	143.2	143.2	140.1	134.0	127.9	121.9	115.8	112.7	106.6
45°	173.6	173.6	170.6	170.6	167.5	161.5	152.3	143.2	137.1	131.0	124.9
42.5°	213.2	210.2	207.1	204.1	198.0	188.9	176.7	164.5	155.4	146.2	140.1
40°	255.9	255.9	252.8	249.8	240.7	231.5	216.3	201.1	185.8	167.5	158.4
37.5°	307.7	310.7	313.8	313.8	307.7	295.5	274.2	255.9	231.5	207.1	195.0
35°	402.1	402.1	408.2	408.2	399.1	383.8	368.6	329.0	298.5	268.1	240.7
32.5°	505.7	508.7	496.5	487.4	475.2	456.9	429.5	396.0	362.5	322.9	292.4
30°	606.2	606.2	591.0	572.7	548.3	517.9	484.4	447.8	408.2	368.6	332.0
27.5°	764.6	749.4	737.2	706.7	664.1	606.2	563.6	505.7	453.9	408.2	368.6
25°	1026.6	1023.5	996.1	944.3	859.0	767.7	697.6	600.1	520.9	450.8	405.2
22.5°	1632.8	1611.5	1547.5	1419.6	1218.5	1060.1	916.9	764.6	621.4	527.0	453.9
20°	3018.8	2948.8	2778.2	2424.8	1974.0	1663.3	1306.8	1051.0	810.3	633.6	524.0
17.5°	5632.5	5586.8	5522.9	4706.5	3789.6	3131.6	2330.4	1611.5	1151.5	828.6	621.4
15°	10558.3	10220.2	9513.5	8535.6	7253.2	5605.1	4121.6	2601.5	1645.0	1102.7	789.0
12.5°	18049.1	17674.4	15849.7	13403.6	11097.5	8751.9	6144.3	3954.0	2342.6	1401.3	935.2
10°	35964.2	33243.9	28135.3	20997.9	16388.9	12221.6	8627.0	5394.9	3049.3	1769.9	1108.8
7.5°	73661.7	64772.7	49913.0	35236.1	22807.4	16029.4	11018.3	7055.1	4063.7	2214.6	1267.2
5°	133508.5	117738.0	88701.1	53410.1	33119.0	20090.1	13074.6	8389.4	4810.0	2577.1	1425.7
2.5°	203858.9	183458.1	128238.5	73442.3	40838.2	23233.8	14512.4	9266.7	5285.3	2823.9	1547.5
0°	243429.9	217445.2	151021.5	84082.9	44515.0	24568.1	15216.1	9793.7	5687.4	3024.9	1626.7
-2.5°	224869.0	203950.3	138790.7	78106.2	42538.0	23983.2	15316.6	9924.7	5754.4	3079.8	1663.3
-5°	158487.9	141319.1	96033.4	57638.3	36092.1	22091.5	14451.5	9431.2	5568.6	3000.6	1648.0
-7.5°	83848.4	76080.4	56952.9	41417.0	26344.1	18698.0	13010.6	8557.0	5087.3	2787.3	1556.6
-10°	43320.9	41727.7	35958.1	27105.6	21317.7	15663.9	11103.6	7317.1	4252.6	2400.5	1401.3
-12.5°	24976.3	24705.2	22850.0	19614.9	16346.2	12867.4	9111.4	5967.6	3548.9	1989.2	1181.9
-15°	16172.6	16288.4	15642.6	14296.1	12434.8	9629.2	7000.3	4438.4	2625.9	1611.5	1041.8
-17.5°	11036.6	11006.1	10704.6	9781.5	8282.8	6503.8	4639.5	3134.6	1989.2	1255.1	865.1
-20°	6982.0	6994.2	6714.0	6077.3	4974.5	4008.9	2887.9	2114.1	1410.4	987.0	764.6



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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°	4051.5	4060.7	3884.0	3524.5	2945.7	2376.1	1876.5	1398.2	1038.8	822.5	670.2
-25°	2327.3	2290.8	2220.7	2047.1	1776.0	1465.3	1245.9	983.9	831.6	697.6	612.3
-27.5°	1410.4	1386.0	1349.5	1273.3	1166.7	1011.4	910.8	795.1	706.7	627.5	575.7
-30°	983.9	993.1	962.6	923.0	874.3	804.2	749.4	694.5	636.7	587.9	539.2
-32.5°	782.9	789.0	773.8	758.5	734.1	706.7	673.2	633.6	587.9	542.2	496.5
-35°	673.2	676.3	676.3	673.2	667.1	645.8	621.4	584.9	542.2	499.6	460.0
-37.5°	618.4	621.4	621.4	618.4	609.3	591.0	566.6	536.1	496.5	456.9	426.5
-40°	560.5	563.6	560.5	554.4	545.3	527.0	508.7	484.4	453.9	420.4	393.0
-42.5°	505.7	502.6	499.6	493.5	484.4	472.2	456.9	438.7	417.3	393.0	371.6
-45°	453.9	453.9	450.8	447.8	441.7	432.6	423.4	408.2	393.0	374.7	356.4
-47.5°	426.5	426.5	423.4	420.4	417.3	411.2	402.1	389.9	377.7	362.5	347.3
-50°	408.2	408.2	408.2	405.2	402.1	396.0	386.9	377.7	365.6	350.3	335.1
-52.5°	396.0	396.0	396.0	393.0	389.9	386.9	377.7	365.6	350.3	338.1	326.0
-55°	389.9	386.9	386.9	383.8	380.8	377.7	365.6	353.4	341.2	329.0	316.8
-57.5°	380.8	377.7	377.7	374.7	371.6	368.6	356.4	344.2	332.0	316.8	307.7
-60°	371.6	368.6	368.6	362.5	359.5	356.4	344.2	332.0	319.9	307.7	295.5
-62.5°	359.5	356.4	353.4	350.3	344.2	338.1	329.0	316.8	301.6	289.4	277.2
-65°	332.0	329.0	326.0	322.9	319.9	316.8	307.7	292.4	280.3	268.1	255.9
-67.5°	298.5	298.5	298.5	292.4	289.4	283.3	277.2	265.0	252.8	240.7	231.5
-70°	258.9	258.9	258.9	252.8	249.8	246.7	237.6	228.5	219.3	210.2	198.0
-72.5°	219.3	216.3	216.3	213.2	207.1	204.1	198.0	191.9	182.8	176.7	167.5
-75°	179.7	176.7	176.7	173.6	170.6	167.5	161.5	158.4	152.3	146.2	137.1
-77.5°	143.2	143.2	143.2	140.1	137.1	134.0	131.0	127.9	124.9	118.8	112.7
-80°	109.7	109.7	109.7	109.7	109.7	109.7	109.7	106.6	100.5	97.5	94.4
-82.5°	79.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	79.2	76.2	73.1
-85°	51.8	54.8	54.8	57.9	60.9	60.9	64.0	60.9	57.9	51.8	48.7
-87.5°	27.4	27.4	27.4	27.4	27.4	27.4	27.4	24.4	24.4	24.4	21.3
-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°	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	6.1	6.1	6.1
85°	6.1	6.1	6.1	6.1	9.1	9.1	9.1	12.2	12.2	12.2	12.2
82.5°	6.1	9.1	9.1	9.1	12.2	12.2	15.2	18.3	24.4	27.4	27.4
80°	6.1	9.1	9.1	9.1	12.2	12.2	15.2	15.2	18.3	21.3	27.4
77.5°	6.1	6.1	9.1	9.1	9.1	12.2	12.2	15.2	15.2	18.3	21.3
75°	3.0	6.1	6.1	6.1	9.1	9.1	12.2	12.2	15.2	15.2	18.3
72.5°	3.0	6.1	6.1	6.1	9.1	9.1	12.2	12.2	12.2	15.2	15.2
70°	3.0	6.1	6.1	6.1	6.1	9.1	9.1	9.1	12.2	12.2	12.2
67.5°	3.0	3.0	3.0	6.1	6.1	6.1	6.1	9.1	9.1	9.1	12.2
65°	3.0	3.0	3.0	3.0	6.1	6.1	6.1	6.1	9.1	9.1	9.1
62.5°	3.0	3.0	3.0	6.1	6.1	6.1	6.1	6.1	9.1	9.1	9.1
60°	12.2	12.2	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1
57.5°	27.4	27.4	24.4	21.3	18.3	18.3	15.2	12.2	12.2	9.1	9.1
55°	45.7	42.6	39.6	33.5	30.5	27.4	24.4	18.3	15.2	12.2	9.1
52.5°	57.9	54.8	51.8	48.7	42.6	36.6	33.5	30.5	24.4	18.3	15.2
50°	85.3	76.2	70.1	64.0	57.9	51.8	45.7	42.6	33.5	27.4	21.3
47.5°	103.6	97.5	88.3	82.2	76.2	67.0	57.9	51.8	45.7	36.6	27.4
45°	118.8	112.7	103.6	97.5	91.4	82.2	73.1	64.0	57.9	48.7	36.6
42.5°	134.0	127.9	118.8	112.7	103.6	94.4	85.3	76.2	67.0	60.9	48.7
40°	155.4	146.2	134.0	127.9	121.9	109.7	97.5	88.3	79.2	70.1	57.9
37.5°	182.8	173.6	158.4	146.2	137.1	127.9	115.8	103.6	94.4	82.2	70.1
35°	225.4	210.2	188.9	170.6	158.4	146.2	131.0	118.8	106.6	94.4	82.2
32.5°	268.1	243.7	216.3	195.0	176.7	161.5	146.2	134.0	118.8	103.6	91.4
30°	301.6	274.2	246.7	216.3	195.0	176.7	161.5	146.2	131.0	115.8	100.5
27.5°	335.1	304.6	274.2	243.7	213.2	188.9	173.6	158.4	143.2	127.9	109.7
25°	368.6	335.1	304.6	271.1	234.6	207.1	185.8	173.6	158.4	140.1	118.8
22.5°	399.1	368.6	338.1	301.6	258.9	222.4	201.1	185.8	170.6	149.3	131.0
20°	456.9	417.3	380.8	335.1	286.3	249.8	222.4	201.1	182.8	161.5	140.1
17.5°	533.1	475.2	426.5	374.7	326.0	280.3	240.7	216.3	198.0	173.6	149.3
15°	630.6	530.0	469.1	417.3	359.5	307.7	265.0	231.5	207.1	182.8	161.5
12.5°	703.7	572.7	505.7	456.9	396.0	338.1	283.3	243.7	216.3	191.9	167.5
10°	785.9	618.4	536.1	481.3	417.3	353.4	295.5	252.8	222.4	201.1	176.7
7.5°	853.0	654.9	551.4	490.4	429.5	365.6	307.7	262.0	231.5	207.1	182.8
5°	913.9	685.4	563.6	493.5	435.6	374.7	313.8	268.1	237.6	213.2	188.9
2.5°	956.5	712.8	575.7	499.6	441.7	380.8	322.9	274.2	243.7	219.3	195.0
0°	993.1	722.0	572.7	499.6	444.8	380.8	326.0	277.2	246.7	222.4	198.0
-2.5°	1005.3	737.2	587.9	505.7	450.8	386.9	332.0	280.3	249.8	225.4	204.1
-5°	1005.3	725.0	587.9	511.8	453.9	389.9	332.0	283.3	252.8	228.5	204.1
-7.5°	968.7	706.7	584.9	517.9	456.9	393.0	332.0	286.3	255.9	231.5	207.1
-10°	904.7	679.3	581.8	520.9	456.9	389.9	332.0	286.3	255.9	231.5	210.2
-12.5°	801.2	642.8	566.6	514.8	450.8	383.8	329.0	286.3	255.9	234.6	210.2
-15°	749.4	612.3	548.3	496.5	435.6	374.7	322.9	283.3	255.9	234.6	213.2
-17.5°	679.3	587.9	530.0	478.3	423.4	365.6	316.8	283.3	255.9	231.5	213.2
-20°	630.6	560.5	508.7	463.0	408.2	356.4	313.8	280.3	255.9	231.5	213.2



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CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
-22.5°	587.9	530.0	484.4	438.7	389.9	344.2	307.7	277.2	252.8	231.5	213.2
-25°	554.4	502.6	460.0	417.3	374.7	335.1	301.6	274.2	249.8	231.5	210.2
-27.5°	524.0	475.2	435.6	396.0	356.4	326.0	295.5	271.1	249.8	228.5	207.1
-30°	490.4	450.8	411.2	374.7	347.3	316.8	289.4	265.0	246.7	225.4	204.1
-32.5°	456.9	420.4	386.9	359.5	335.1	310.7	286.3	262.0	240.7	219.3	198.0
-35°	426.5	393.0	368.6	344.2	326.0	304.6	280.3	255.9	237.6	216.3	198.0
-37.5°	396.0	371.6	350.3	332.0	313.8	295.5	271.1	249.8	231.5	210.2	188.9
-40°	371.6	353.4	338.1	322.9	304.6	283.3	265.0	243.7	225.4	204.1	179.7
-42.5°	356.4	341.2	326.0	310.7	295.5	277.2	258.9	237.6	219.3	198.0	173.6
-45°	341.2	329.0	316.8	304.6	289.4	271.1	249.8	228.5	210.2	188.9	170.6
-47.5°	332.0	319.9	307.7	298.5	286.3	262.0	243.7	222.4	201.1	182.8	161.5
-50°	322.9	310.7	301.6	289.4	274.2	252.8	234.6	213.2	195.0	173.6	155.4
-52.5°	313.8	301.6	289.4	277.2	262.0	243.7	225.4	207.1	185.8	164.5	146.2
-55°	304.6	292.4	280.3	268.1	252.8	237.6	219.3	195.0	173.6	152.3	134.0
-57.5°	295.5	286.3	271.1	255.9	240.7	225.4	204.1	182.8	161.5	140.1	124.9
-60°	283.3	271.1	258.9	240.7	225.4	207.1	188.9	170.6	149.3	131.0	115.8
-62.5°	265.0	252.8	240.7	222.4	207.1	191.9	176.7	155.4	140.1	121.9	106.6
-65°	243.7	231.5	219.3	204.1	188.9	173.6	161.5	143.2	127.9	112.7	100.5
-67.5°	219.3	207.1	198.0	182.8	170.6	155.4	143.2	127.9	112.7	100.5	88.3
-70°	188.9	179.7	170.6	158.4	146.2	134.0	121.9	109.7	97.5	88.3	76.2
-72.5°	161.5	152.3	143.2	134.0	124.9	112.7	103.6	94.4	85.3	76.2	70.1
-75°	131.0	124.9	118.8	112.7	103.6	94.4	88.3	79.2	73.1	67.0	64.0
-77.5°	109.7	103.6	97.5	91.4	85.3	79.2	73.1	67.0	64.0	60.9	57.9
-80°	88.3	85.3	82.2	76.2	73.1	67.0	64.0	57.9	57.9	57.9	57.9
-82.5°	70.1	67.0	64.0	60.9	57.9	54.8	54.8	51.8	54.8	54.8	51.8
-85°	48.7	45.7	42.6	42.6	39.6	39.6	36.6	36.6	36.6	33.5	33.5
-87.5°	21.3	21.3	21.3	21.3	18.3	18.3	18.3	18.3	18.3	15.2	15.2
-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: P724112
 CATALOG NUMBER: IFLD-M-SA4A-735-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°	6.1	6.1	3.0	3.0	3.0	3.0	3.0	3.0	3.0	0.0	0.0
85°	12.2	12.2	9.1	9.1	9.1	6.1	6.1	3.0	3.0	3.0	3.0
82.5°	27.4	24.4	21.3	18.3	15.2	12.2	9.1	6.1	6.1	3.0	3.0
80°	33.5	33.5	33.5	30.5	24.4	18.3	12.2	9.1	6.1	3.0	3.0
77.5°	24.4	24.4	27.4	30.5	30.5	24.4	15.2	9.1	6.1	6.1	3.0
75°	18.3	18.3	18.3	21.3	24.4	24.4	18.3	12.2	6.1	6.1	3.0
72.5°	18.3	18.3	18.3	18.3	18.3	18.3	18.3	12.2	9.1	6.1	6.1
70°	15.2	15.2	15.2	15.2	15.2	15.2	15.2	12.2	9.1	6.1	6.1
67.5°	12.2	12.2	15.2	15.2	15.2	12.2	12.2	12.2	9.1	6.1	6.1
65°	9.1	12.2	12.2	15.2	12.2	12.2	12.2	9.1	9.1	6.1	6.1
62.5°	9.1	9.1	12.2	12.2	12.2	12.2	9.1	9.1	9.1	6.1	6.1
60°	9.1	9.1	9.1	12.2	9.1	9.1	9.1	9.1	9.1	6.1	6.1
57.5°	9.1	9.1	9.1	9.1	9.1	9.1	9.1	6.1	6.1	6.1	6.1
55°	9.1	9.1	9.1	9.1	9.1	9.1	6.1	6.1	6.1	6.1	6.1
52.5°	12.2	9.1	9.1	9.1	9.1	9.1	6.1	6.1	6.1	6.1	6.1
50°	15.2	9.1	9.1	9.1	9.1	6.1	6.1	6.1	6.1	6.1	6.1
47.5°	21.3	15.2	12.2	9.1	9.1	6.1	6.1	6.1	6.1	6.1	3.0
45°	30.5	21.3	15.2	12.2	9.1	6.1	6.1	6.1	6.1	6.1	3.0
42.5°	36.6	27.4	18.3	15.2	12.2	9.1	6.1	6.1	6.1	3.0	3.0
40°	45.7	36.6	24.4	18.3	12.2	9.1	6.1	6.1	6.1	3.0	3.0
37.5°	57.9	45.7	30.5	21.3	15.2	9.1	9.1	6.1	6.1	3.0	3.0
35°	67.0	51.8	39.6	24.4	18.3	12.2	9.1	6.1	6.1	3.0	3.0
32.5°	76.2	60.9	48.7	30.5	21.3	15.2	12.2	6.1	6.1	3.0	3.0
30°	85.3	70.1	54.8	39.6	27.4	18.3	12.2	6.1	6.1	3.0	3.0
27.5°	94.4	76.2	60.9	45.7	30.5	21.3	15.2	9.1	6.1	3.0	3.0
25°	103.6	85.3	67.0	51.8	33.5	24.4	15.2	9.1	6.1	6.1	3.0
22.5°	109.7	94.4	76.2	57.9	39.6	27.4	18.3	12.2	6.1	6.1	3.0
20°	118.8	103.6	82.2	64.0	45.7	30.5	18.3	12.2	6.1	6.1	3.0
17.5°	127.9	109.7	88.3	70.1	51.8	33.5	21.3	15.2	6.1	6.1	3.0
15°	137.1	115.8	94.4	73.1	54.8	36.6	21.3	15.2	6.1	6.1	3.0
12.5°	146.2	124.9	100.5	79.2	57.9	39.6	24.4	18.3	9.1	6.1	3.0
10°	152.3	131.0	106.6	82.2	60.9	45.7	27.4	18.3	9.1	6.1	3.0
7.5°	161.5	137.1	112.7	88.3	64.0	48.7	30.5	18.3	9.1	6.1	3.0
5°	164.5	143.2	115.8	94.4	67.0	51.8	33.5	21.3	9.1	6.1	3.0
2.5°	167.5	149.3	118.8	97.5	70.1	51.8	33.5	21.3	12.2	6.1	3.0
0°	170.6	152.3	121.9	100.5	73.1	54.8	36.6	21.3	12.2	6.1	3.0
-2.5°	173.6	155.4	127.9	103.6	76.2	57.9	39.6	21.3	12.2	6.1	3.0
-5°	176.7	155.4	134.0	106.6	79.2	57.9	39.6	24.4	15.2	6.1	3.0
-7.5°	179.7	158.4	137.1	109.7	82.2	57.9	42.6	24.4	15.2	9.1	3.0
-10°	182.8	161.5	140.1	112.7	82.2	60.9	42.6	24.4	15.2	9.1	3.0
-12.5°	185.8	164.5	140.1	112.7	85.3	60.9	42.6	27.4	15.2	9.1	3.0
-15°	188.9	164.5	140.1	112.7	85.3	64.0	45.7	27.4	15.2	9.1	6.1
-17.5°	188.9	164.5	140.1	115.8	85.3	64.0	45.7	27.4	15.2	9.1	6.1
-20°	188.9	164.5	140.1	115.8	85.3	64.0	45.7	27.4	15.2	9.1	6.1



REPORT NUMBER: P724112
 CATALOG NUMBER: IFLD-M-SA4A-735-U-22-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	185.8	161.5	140.1	112.7	85.3	64.0	45.7	27.4	18.3	9.1	6.1
-25°	185.8	161.5	140.1	112.7	85.3	64.0	42.6	27.4	18.3	9.1	6.1
-27.5°	182.8	161.5	137.1	109.7	82.2	60.9	42.6	27.4	18.3	9.1	6.1
-30°	179.7	158.4	134.0	106.6	82.2	60.9	42.6	27.4	18.3	9.1	6.1
-32.5°	176.7	152.3	131.0	103.6	79.2	57.9	42.6	27.4	18.3	9.1	6.1
-35°	170.6	149.3	124.9	100.5	76.2	57.9	39.6	27.4	18.3	12.2	6.1
-37.5°	164.5	143.2	121.9	97.5	73.1	54.8	39.6	27.4	18.3	12.2	6.1
-40°	158.4	140.1	115.8	91.4	70.1	51.8	39.6	27.4	18.3	12.2	9.1
-42.5°	152.3	134.0	112.7	88.3	70.1	51.8	36.6	27.4	18.3	12.2	9.1
-45°	149.3	131.0	106.6	85.3	67.0	51.8	36.6	24.4	18.3	12.2	9.1
-47.5°	143.2	121.9	100.5	82.2	64.0	48.7	33.5	24.4	18.3	12.2	9.1
-50°	134.0	115.8	97.5	79.2	60.9	45.7	33.5	24.4	18.3	12.2	9.1
-52.5°	124.9	106.6	91.4	73.1	57.9	45.7	33.5	24.4	18.3	12.2	9.1
-55°	115.8	100.5	85.3	70.1	54.8	42.6	30.5	24.4	18.3	12.2	9.1
-57.5°	109.7	94.4	79.2	64.0	51.8	39.6	30.5	21.3	15.2	12.2	9.1
-60°	103.6	88.3	73.1	60.9	48.7	39.6	30.5	21.3	15.2	12.2	6.1
-62.5°	94.4	82.2	67.0	57.9	45.7	36.6	27.4	21.3	15.2	12.2	6.1
-65°	85.3	73.1	60.9	51.8	42.6	33.5	27.4	21.3	15.2	12.2	6.1
-67.5°	76.2	67.0	57.9	48.7	39.6	33.5	27.4	21.3	15.2	9.1	6.1
-70°	70.1	60.9	51.8	45.7	39.6	30.5	27.4	21.3	15.2	9.1	6.1
-72.5°	60.9	54.8	48.7	42.6	36.6	33.5	27.4	21.3	12.2	9.1	6.1
-75°	57.9	51.8	45.7	42.6	39.6	33.5	27.4	18.3	12.2	9.1	6.1
-77.5°	57.9	51.8	48.7	45.7	39.6	33.5	24.4	15.2	9.1	9.1	6.1
-80°	57.9	54.8	51.8	42.6	36.6	27.4	18.3	15.2	9.1	6.1	3.0
-82.5°	51.8	42.6	36.6	30.5	27.4	21.3	15.2	12.2	6.1	6.1	3.0
-85°	33.5	27.4	24.4	21.3	18.3	15.2	9.1	6.1	6.1	3.0	3.0
-87.5°	15.2	15.2	12.2	9.1	9.1	6.1	6.1	3.0	3.0	3.0	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: P724112
 CATALOG NUMBER: IFLD-M-SA4A-735-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°	3.0	0.0	0.0	0.0
77.5°	3.0	0.0	0.0	0.0
75°	3.0	3.0	0.0	0.0
72.5°	3.0	3.0	0.0	0.0
70°	3.0	3.0	0.0	0.0
67.5°	3.0	3.0	0.0	0.0
65°	3.0	3.0	0.0	0.0
62.5°	3.0	3.0	0.0	0.0
60°	3.0	3.0	0.0	0.0
57.5°	3.0	3.0	3.0	0.0
55°	3.0	3.0	3.0	0.0
52.5°	3.0	3.0	3.0	0.0
50°	3.0	3.0	3.0	0.0
47.5°	3.0	3.0	3.0	0.0
45°	3.0	3.0	3.0	0.0
42.5°	3.0	3.0	3.0	0.0
40°	3.0	3.0	3.0	0.0
37.5°	3.0	3.0	3.0	0.0
35°	3.0	3.0	3.0	0.0
32.5°	3.0	3.0	3.0	0.0
30°	3.0	3.0	3.0	0.0
27.5°	3.0	3.0	3.0	0.0
25°	3.0	3.0	3.0	0.0
22.5°	3.0	3.0	3.0	0.0
20°	3.0	3.0	3.0	0.0
17.5°	3.0	3.0	3.0	0.0
15°	3.0	3.0	3.0	0.0
12.5°	3.0	3.0	3.0	0.0
10°	3.0	3.0	3.0	0.0
7.5°	3.0	3.0	3.0	0.0
5°	3.0	3.0	3.0	0.0
2.5°	3.0	3.0	3.0	0.0
0°	3.0	3.0	3.0	0.0
-2.5°	3.0	3.0	3.0	0.0
-5°	3.0	3.0	3.0	0.0
-7.5°	3.0	3.0	3.0	0.0
-10°	3.0	3.0	3.0	0.0
-12.5°	3.0	3.0	3.0	0.0
-15°	3.0	3.0	3.0	0.0
-17.5°	3.0	3.0	3.0	0.0
-20°	3.0	3.0	3.0	0.0



REPORT NUMBER: P724112
CATALOG NUMBER: IFLD-M-SA4A-735-U-22-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	3.0	3.0	3.0	0.0
-25°	3.0	3.0	3.0	0.0
-27.5°	3.0	3.0	3.0	0.0
-30°	3.0	3.0	3.0	0.0
-32.5°	3.0	3.0	3.0	0.0
-35°	3.0	3.0	3.0	0.0
-37.5°	3.0	3.0	3.0	0.0
-40°	3.0	3.0	3.0	0.0
-42.5°	3.0	3.0	3.0	0.0
-45°	3.0	3.0	3.0	0.0
-47.5°	3.0	3.0	3.0	0.0
-50°	3.0	3.0	3.0	0.0
-52.5°	3.0	3.0	3.0	0.0
-55°	3.0	3.0	3.0	0.0
-57.5°	3.0	3.0	3.0	0.0
-60°	3.0	3.0	0.0	0.0
-62.5°	3.0	3.0	0.0	0.0
-65°	3.0	3.0	0.0	0.0
-67.5°	3.0	3.0	0.0	0.0
-70°	3.0	3.0	0.0	0.0
-72.5°	3.0	3.0	0.0	0.0
-75°	3.0	3.0	0.0	0.0
-77.5°	3.0	0.0	0.0	0.0
-80°	3.0	0.0	0.0	0.0
-82.5°	3.0	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)