

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: P724141

Luminaire Tested: **IFLD-M-SA4A-740-U-22-VI**

Issue Date: 01/11/2023

**Test Information**

Test Method: LM-79-2019  
Report Number: P724141  
Test Lab: INNOVATION CENTER(G2)  
Issue Date: 01/11/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: IFLD-M-SA4A-740-U-22-VI  
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 2 distribution lens and Visor  
Light Source: (64) 4000K CCT, 70 CRI LEDs  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

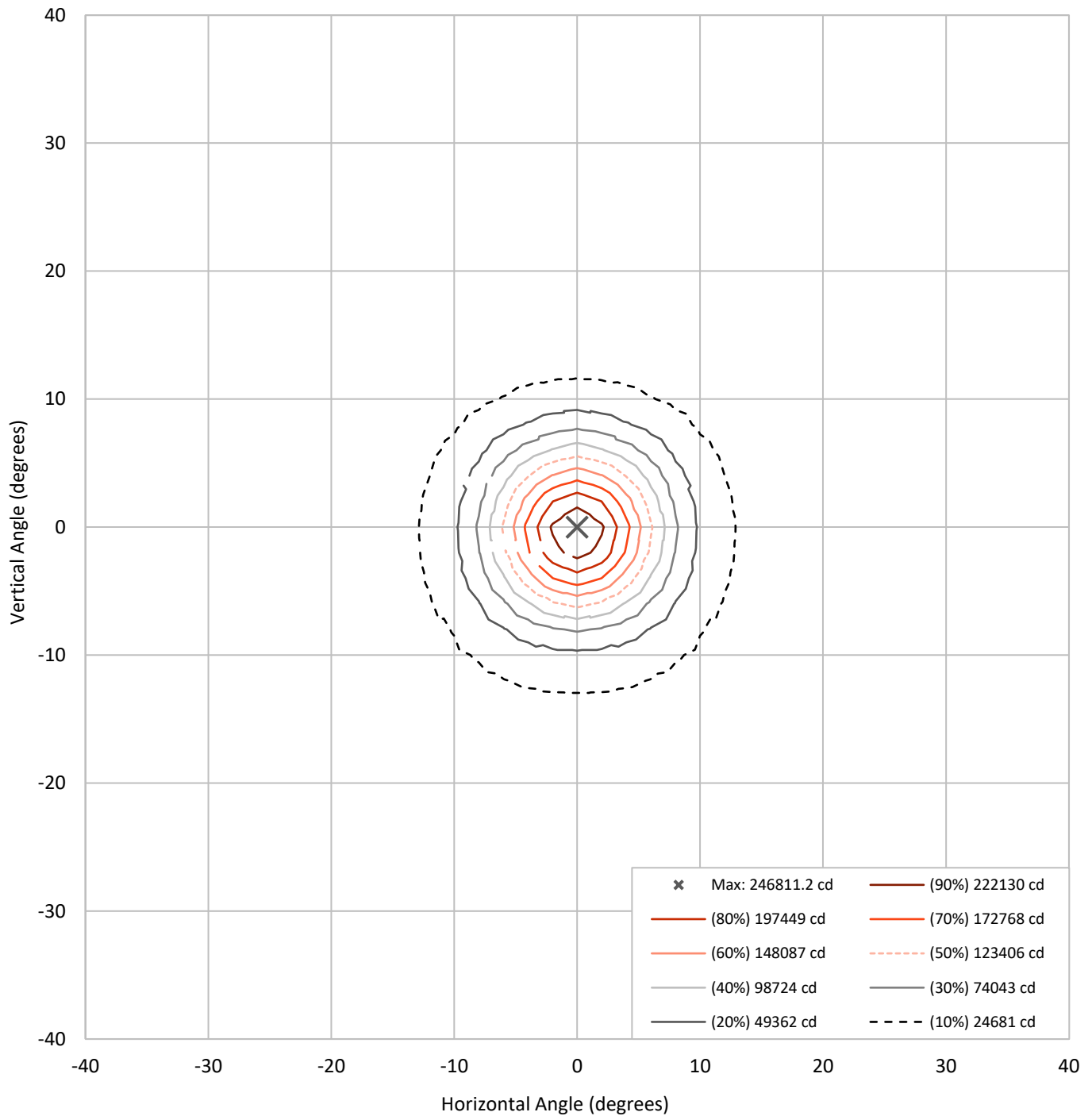
Lumens per Lamp:	N/A	NEMA Type:	2H x 2V
Luminaire Lumens:	17239.9 lumens	Max Intensity:	246811.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	134.1 lumens/watt		
Luminous Opening:	Rectangular (W 2' x L: 0.5' x H: 0')		
Beam Angle (50%):	12.2°H x 11.7°V	Field Angle (10%):	25.1°H x 24.3°V
Beam Lumens:	5393.4 lumens	Field Lumens:	12272 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





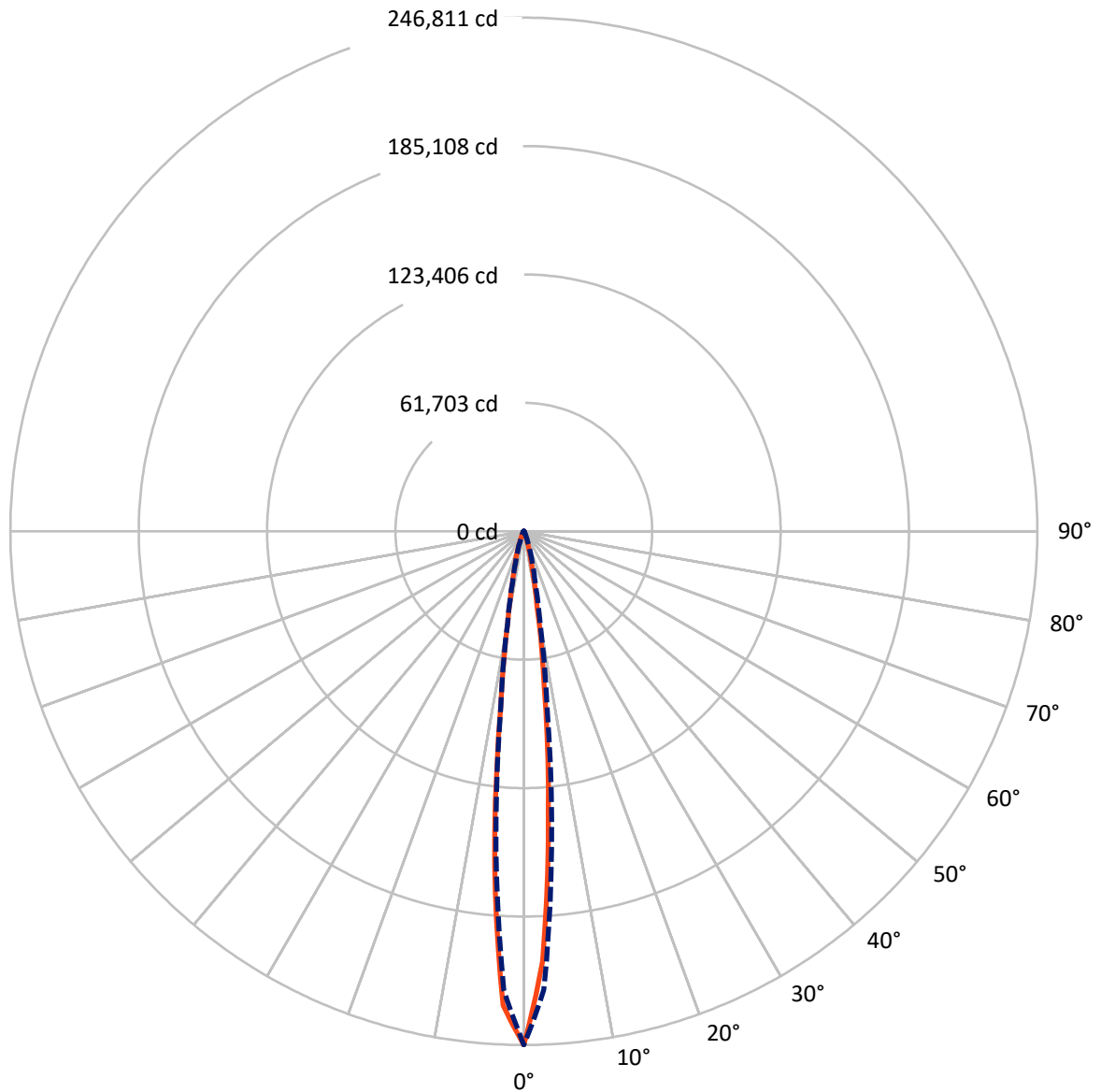
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### Lumen Table

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	2.5	3.5	4.6	5.4	5.4	4.6	3.5	2.5	1.4	0.5	0.1	0.1			
40		0.3	1.2	2.6	4.4	6.9	10.5	12.5	12.5	10.5	6.9	4.4	2.6	1.2	0.3				
30	0.2	0.5	1.8	3.8	6.9	11.9	23.0	37.1	37.1	23.0	11.9	6.9	3.8	1.8	0.5	0.2			
20		0.8	2.5	5.2	10.5	26.0	135.8	343.6	343.6	135.8	26.0	10.5	5.2	2.5	0.8				
10	0.3	1.0	2.9	6.1	12.8	52.8	437.5	2695.7	2695.7	437.5	52.8	12.8	6.1	2.9	1.0	0.3			
0		1.1	3.2	6.5	13.4	60.2	481.4	2968.7	2968.7	481.4	60.2	13.4	6.5	3.2	1.1				
-10	0.4	1.2	3.4	6.4	12.5	36.1	216.1	520.6	520.6	216.1	36.1	12.5	6.4	3.4	1.2	0.4			
-20		1.2	3.3	6.1	10.6	18.4	44.6	83.9	83.9	44.6	18.4	10.6	6.1	3.3	1.2				
-30	0.4	1.1	3.1	5.6	8.8	13.0	18.4	21.6	21.6	18.4	13.0	8.8	5.6	3.1	1.1	0.4			
-40		0.9	2.7	5.0	7.7	10.1	12.8	14.2	14.2	12.8	10.1	7.7	5.0	2.7	0.9				
-50	0.3	0.8	2.1	4.3	6.7	8.9	10.9	11.9	11.9	10.9	8.9	6.7	4.3	2.1	0.8	0.3			
-60		0.6	1.5	3.1	5.1	7.1	8.9	9.9	9.9	8.9	7.1	5.1	3.1	1.5	0.6				
-70	0.2	0.6	1.5	3.1	5.1	7.1	8.9	9.9	9.9	8.9	7.1	5.1	3.1	1.5	0.6	0.2			
-80		0.2	2.3	6.5	11.9	14.4	11.9	6.5	2.3	0.2									
-90	0.2	2.3	6.5	11.9	14.4	11.9	6.5	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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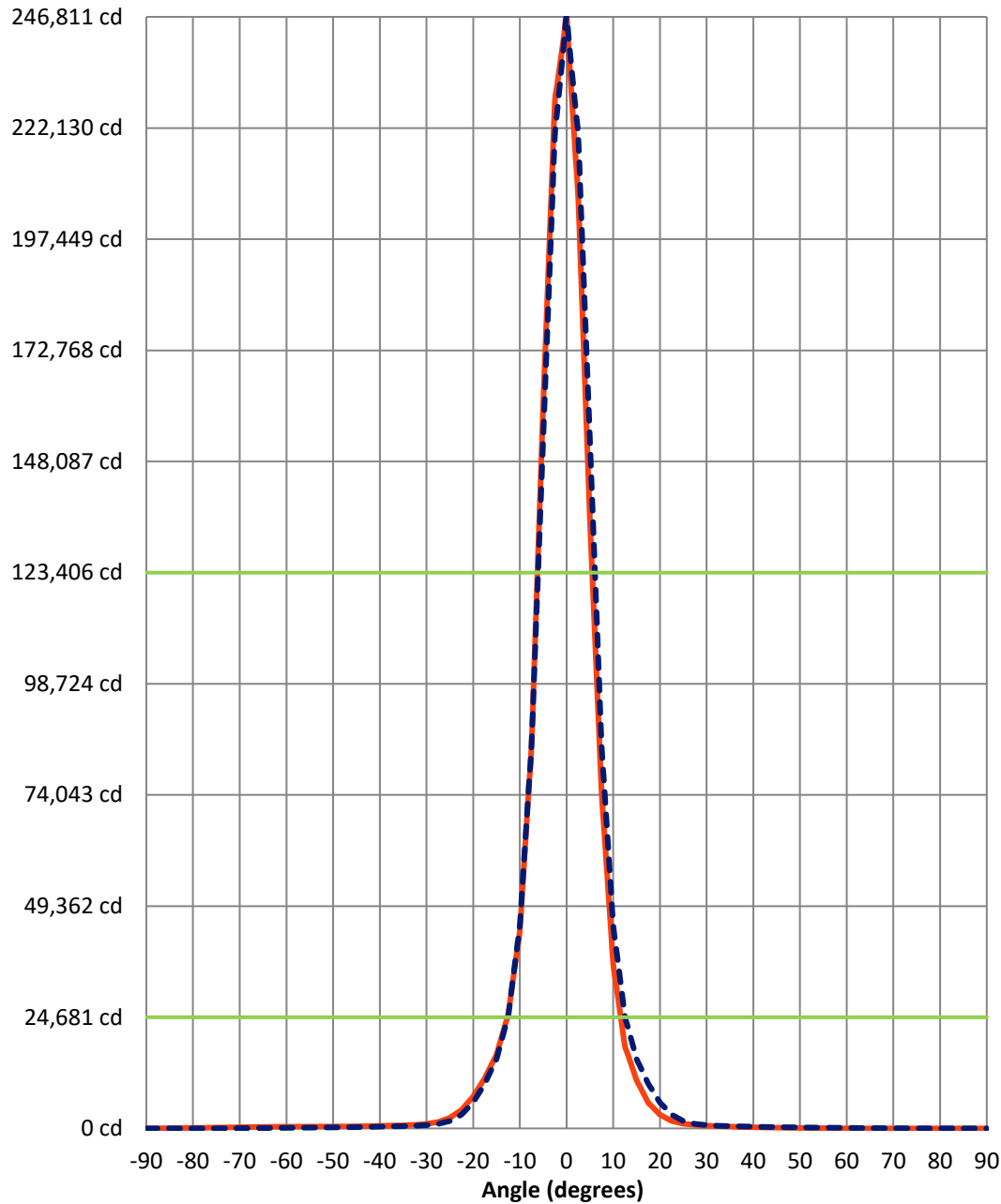
### Luminous Intensity Polar Plot



— 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: 5393.4  
 Efficiency: 31.3%

**Field:**  
 H Angle: 25.1°  
 V Angle: 24.3°  
 Lumens: 12272  
 Efficiency: 71.2%

**Spill:**  
 Lumens: 4967.9  
 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	3.1	3.1
85°	0.0	0.0	0.0	0.0	3.1	3.1	3.1	3.1	3.1	6.2	6.2
82.5°	0.0	0.0	0.0	0.0	3.1	3.1	3.1	3.1	6.2	6.2	6.2
80°	0.0	0.0	0.0	0.0	3.1	3.1	3.1	3.1	6.2	6.2	6.2
77.5°	0.0	0.0	0.0	0.0	3.1	3.1	3.1	3.1	3.1	3.1	6.2
75°	0.0	0.0	0.0	0.0	3.1	3.1	3.1	3.1	3.1	3.1	3.1
72.5°	0.0	0.0	0.0	0.0	3.1	3.1	3.1	3.1	3.1	3.1	3.1
70°	0.0	0.0	0.0	0.0	3.1	3.1	3.1	3.1	3.1	3.1	3.1
67.5°	0.0	0.0	0.0	0.0	3.1	3.1	3.1	3.1	3.1	3.1	3.1
65°	0.0	0.0	0.0	0.0	3.1	3.1	3.1	3.1	3.1	3.1	3.1
62.5°	0.0	0.0	0.0	0.0	3.1	3.1	3.1	3.1	3.1	3.1	3.1
60°	6.2	6.2	6.2	6.2	9.3	9.3	12.4	12.4	12.4	6.2	12.4
57.5°	49.4	49.4	46.3	43.2	40.2	37.1	37.1	37.1	37.1	37.1	30.9
55°	67.9	67.9	67.9	64.9	64.9	61.8	58.7	55.6	55.6	52.5	49.4
52.5°	80.3	80.3	80.3	80.3	77.2	77.2	77.2	74.1	67.9	67.9	64.9
50°	114.3	111.2	111.2	111.2	111.2	105.0	101.9	95.7	92.7	89.6	86.5
47.5°	148.3	148.3	145.2	145.2	142.1	135.9	129.7	123.5	117.4	114.3	108.1
45°	176.0	176.0	173.0	173.0	169.9	163.7	154.4	145.2	139.0	132.8	126.6
42.5°	216.2	213.1	210.0	206.9	200.8	191.5	179.1	166.8	157.5	148.3	142.1
40°	259.4	259.4	256.4	253.3	244.0	234.7	219.3	203.8	188.4	169.9	160.6
37.5°	311.9	315.0	318.1	318.1	311.9	299.6	278.0	259.4	234.7	210.0	197.7
35°	407.7	407.7	413.9	413.9	404.6	389.2	373.7	333.6	302.7	271.8	244.0
32.5°	512.7	515.8	503.4	494.2	481.8	463.3	435.5	401.5	367.5	327.4	296.5
30°	614.6	614.6	599.2	580.7	555.9	525.1	491.1	454.0	413.9	373.7	336.7
27.5°	775.2	759.8	747.4	716.5	673.3	614.6	571.4	512.7	460.2	413.9	373.7
25°	1040.8	1037.8	1010.0	957.5	871.0	778.3	707.3	608.4	528.1	457.1	410.8
22.5°	1655.5	1633.9	1569.0	1439.3	1235.4	1074.8	929.7	775.2	630.1	534.3	460.2
20°	3060.8	2989.7	2816.8	2458.5	2001.4	1686.4	1325.0	1065.6	821.6	642.4	531.2
17.5°	5710.8	5664.4	5599.6	4771.8	3842.2	3175.1	2362.8	1633.9	1167.5	840.1	630.1
15°	10705.0	10362.2	9645.6	8654.2	7353.9	5683.0	4178.8	2637.6	1667.8	1118.1	799.9
12.5°	18299.8	17919.9	16069.9	13589.7	11251.7	8873.5	6229.7	4009.0	2375.1	1420.7	948.2
10°	36463.7	33705.6	28526.1	21289.6	16616.5	12391.4	8746.8	5469.9	3091.7	1794.5	1124.2
7.5°	74684.8	65672.4	50606.3	35725.6	23124.2	16252.1	11171.4	7153.1	4120.2	2245.4	1284.8
5°	135363.0	119373.4	89933.1	54152.0	33579.0	20369.2	13256.2	8505.9	4876.9	2612.9	1445.5
2.5°	206690.6	186006.4	130019.8	74462.5	41405.4	23556.6	14714.0	9395.4	5358.7	2863.1	1569.0
0°	246811.2	220465.6	153119.2	85250.9	45133.4	24909.4	15427.4	9929.8	5766.4	3067.0	1649.3
-2.5°	227992.5	206783.2	140718.6	79191.1	43128.9	24316.4	15529.4	10062.6	5834.3	3122.5	1686.4
-5°	160689.3	143282.1	97367.3	58438.9	36593.4	22398.4	14652.2	9562.2	5645.9	3042.2	1670.9
-7.5°	85013.0	77137.2	57744.0	41992.3	26710.0	18957.7	13191.3	8675.8	5157.9	2826.0	1578.3
-10°	43922.6	42307.3	36457.5	27482.1	21613.9	15881.5	11257.9	7418.8	4311.7	2433.8	1420.7
-12.5°	25323.2	25048.3	23167.4	19887.3	16573.3	13046.1	9237.9	6050.5	3598.2	2016.8	1198.4
-15°	16397.2	16514.6	15859.8	14494.7	12607.6	9763.0	7097.5	4500.1	2662.4	1633.9	1056.3
-17.5°	11189.9	11159.0	10853.3	9917.4	8397.8	6594.1	4703.9	3178.1	2016.8	1272.5	877.2
-20°	7079.0	7091.4	6807.2	6161.7	5043.6	4064.6	2928.0	2143.5	1430.0	1000.7	775.2



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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°	4107.8	4117.1	3937.9	3573.5	2986.7	2409.1	1902.6	1417.7	1053.2	833.9	679.5
-25°	2359.7	2322.6	2251.6	2075.5	1800.6	1485.6	1263.2	997.6	843.2	707.3	620.8
-27.5°	1430.0	1405.3	1368.2	1291.0	1182.9	1025.4	923.5	806.1	716.5	636.2	583.7
-30°	997.6	1006.9	976.0	935.8	886.4	815.4	759.8	704.2	645.5	596.1	546.7
-32.5°	793.8	799.9	784.5	769.1	744.3	716.5	682.6	642.4	596.1	549.8	503.4
-35°	682.6	685.7	685.7	682.6	676.4	654.8	630.1	593.0	549.8	506.5	466.4
-37.5°	627.0	630.1	630.1	627.0	617.7	599.2	574.5	543.6	503.4	463.3	432.4
-40°	568.3	571.4	568.3	562.1	552.9	534.3	515.8	491.1	460.2	426.2	398.4
-42.5°	512.7	509.6	506.5	500.3	491.1	478.7	463.3	444.8	423.1	398.4	376.8
-45°	460.2	460.2	457.1	454.0	447.8	438.6	429.3	413.9	398.4	379.9	361.4
-47.5°	432.4	432.4	429.3	426.2	423.1	417.0	407.7	395.3	383.0	367.5	352.1
-50°	413.9	413.9	413.9	410.8	407.7	401.5	392.2	383.0	370.6	355.2	339.7
-52.5°	401.5	401.5	401.5	398.4	395.3	392.2	383.0	370.6	355.2	342.8	330.5
-55°	395.3	392.2	392.2	389.2	386.1	383.0	370.6	358.3	345.9	333.6	321.2
-57.5°	386.1	383.0	383.0	379.9	376.8	373.7	361.4	349.0	336.7	321.2	311.9
-60°	376.8	373.7	373.7	367.5	364.5	361.4	349.0	336.7	324.3	311.9	299.6
-62.5°	364.5	361.4	358.3	355.2	349.0	342.8	333.6	321.2	305.8	293.4	281.1
-65°	336.7	333.6	330.5	327.4	324.3	321.2	311.9	296.5	284.1	271.8	259.4
-67.5°	302.7	302.7	302.7	296.5	293.4	287.2	281.1	268.7	256.4	244.0	234.7
-70°	262.5	262.5	262.5	256.4	253.3	250.2	240.9	231.6	222.4	213.1	200.8
-72.5°	222.4	219.3	219.3	216.2	210.0	206.9	200.8	194.6	185.3	179.1	169.9
-75°	182.2	179.1	179.1	176.0	173.0	169.9	163.7	160.6	154.4	148.3	139.0
-77.5°	145.2	145.2	145.2	142.1	139.0	135.9	132.8	129.7	126.6	120.5	114.3
-80°	111.2	111.2	111.2	111.2	111.2	111.2	111.2	108.1	101.9	98.8	95.7
-82.5°	80.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4	80.3	77.2	74.1
-85°	52.5	55.6	55.6	58.7	61.8	61.8	64.9	61.8	58.7	52.5	49.4
-87.5°	27.8	27.8	27.8	27.8	27.8	27.8	27.8	24.7	24.7	24.7	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





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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°	3.1	3.1	3.1	3.1	3.1	3.1	3.1	3.1	6.2	6.2	6.2
85°	6.2	6.2	6.2	6.2	9.3	9.3	9.3	12.4	12.4	12.4	12.4
82.5°	6.2	9.3	9.3	9.3	12.4	12.4	15.4	18.5	24.7	27.8	27.8
80°	6.2	9.3	9.3	9.3	12.4	12.4	15.4	15.4	18.5	21.6	27.8
77.5°	6.2	6.2	9.3	9.3	9.3	12.4	12.4	15.4	15.4	18.5	21.6
75°	3.1	6.2	6.2	6.2	9.3	9.3	12.4	12.4	15.4	15.4	18.5
72.5°	3.1	6.2	6.2	6.2	9.3	9.3	12.4	12.4	12.4	15.4	15.4
70°	3.1	6.2	6.2	6.2	6.2	9.3	9.3	9.3	12.4	12.4	12.4
67.5°	3.1	3.1	3.1	6.2	6.2	6.2	6.2	9.3	9.3	9.3	12.4
65°	3.1	3.1	3.1	3.1	6.2	6.2	6.2	6.2	9.3	9.3	9.3
62.5°	3.1	3.1	3.1	6.2	6.2	6.2	6.2	6.2	9.3	9.3	9.3
60°	12.4	12.4	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3
57.5°	27.8	27.8	24.7	21.6	18.5	18.5	15.4	12.4	12.4	9.3	9.3
55°	46.3	43.2	40.2	34.0	30.9	27.8	24.7	18.5	15.4	12.4	9.3
52.5°	58.7	55.6	52.5	49.4	43.2	37.1	34.0	30.9	24.7	18.5	15.4
50°	86.5	77.2	71.0	64.9	58.7	52.5	46.3	43.2	34.0	27.8	21.6
47.5°	105.0	98.8	89.6	83.4	77.2	67.9	58.7	52.5	46.3	37.1	27.8
45°	120.5	114.3	105.0	98.8	92.7	83.4	74.1	64.9	58.7	49.4	37.1
42.5°	135.9	129.7	120.5	114.3	105.0	95.7	86.5	77.2	67.9	61.8	49.4
40°	157.5	148.3	135.9	129.7	123.5	111.2	98.8	89.6	80.3	71.0	58.7
37.5°	185.3	176.0	160.6	148.3	139.0	129.7	117.4	105.0	95.7	83.4	71.0
35°	228.6	213.1	191.5	173.0	160.6	148.3	132.8	120.5	108.1	95.7	83.4
32.5°	271.8	247.1	219.3	197.7	179.1	163.7	148.3	135.9	120.5	105.0	92.7
30°	305.8	278.0	250.2	219.3	197.7	179.1	163.7	148.3	132.8	117.4	101.9
27.5°	339.7	308.9	278.0	247.1	216.2	191.5	176.0	160.6	145.2	129.7	111.2
25°	373.7	339.7	308.9	274.9	237.8	210.0	188.4	176.0	160.6	142.1	120.5
22.5°	404.6	373.7	342.8	305.8	262.5	225.5	203.8	188.4	173.0	151.3	132.8
20°	463.3	423.1	386.1	339.7	290.3	253.3	225.5	203.8	185.3	163.7	142.1
17.5°	540.5	481.8	432.4	379.9	330.5	284.1	244.0	219.3	200.8	176.0	151.3
15°	639.3	537.4	475.6	423.1	364.5	311.9	268.7	234.7	210.0	185.3	163.7
12.5°	713.5	580.7	512.7	463.3	401.5	342.8	287.2	247.1	219.3	194.6	169.9
10°	796.9	627.0	543.6	488.0	423.1	358.3	299.6	256.4	225.5	203.8	179.1
7.5°	864.8	664.0	559.0	497.3	435.5	370.6	311.9	265.6	234.7	210.0	185.3
5°	926.6	694.9	571.4	500.3	441.7	379.9	318.1	271.8	240.9	216.2	191.5
2.5°	969.8	722.7	583.7	506.5	447.8	386.1	327.4	278.0	247.1	222.4	197.7
0°	1006.9	732.0	580.7	506.5	450.9	386.1	330.5	281.1	250.2	225.5	200.8
-2.5°	1019.2	747.4	596.1	512.7	457.1	392.2	336.7	284.1	253.3	228.6	206.9
-5°	1019.2	735.1	596.1	518.9	460.2	395.3	336.7	287.2	256.4	231.6	206.9
-7.5°	982.2	716.5	593.0	525.1	463.3	398.4	336.7	290.3	259.4	234.7	210.0
-10°	917.3	688.8	589.9	528.1	463.3	395.3	336.7	290.3	259.4	234.7	213.1
-12.5°	812.3	651.7	574.5	522.0	457.1	389.2	333.6	290.3	259.4	237.8	213.1
-15°	759.8	620.8	555.9	503.4	441.7	379.9	327.4	287.2	259.4	237.8	216.2
-17.5°	688.8	596.1	537.4	484.9	429.3	370.6	321.2	287.2	259.4	234.7	216.2
-20°	639.3	568.3	515.8	469.5	413.9	361.4	318.1	284.1	259.4	234.7	216.2



REPORT NUMBER: P724141

CATALOG NUMBER: IFLD-M-SA4A-740-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°	596.1	537.4	491.1	444.8	395.3	349.0	311.9	281.1	256.4	234.7	216.2
-25°	562.1	509.6	466.4	423.1	379.9	339.7	305.8	278.0	253.3	234.7	213.1
-27.5°	531.2	481.8	441.7	401.5	361.4	330.5	299.6	274.9	253.3	231.6	210.0
-30°	497.3	457.1	417.0	379.9	352.1	321.2	293.4	268.7	250.2	228.6	206.9
-32.5°	463.3	426.2	392.2	364.5	339.7	315.0	290.3	265.6	244.0	222.4	200.8
-35°	432.4	398.4	373.7	349.0	330.5	308.9	284.1	259.4	240.9	219.3	200.8
-37.5°	401.5	376.8	355.2	336.7	318.1	299.6	274.9	253.3	234.7	213.1	191.5
-40°	376.8	358.3	342.8	327.4	308.9	287.2	268.7	247.1	228.6	206.9	182.2
-42.5°	361.4	345.9	330.5	315.0	299.6	281.1	262.5	240.9	222.4	200.8	176.0
-45°	345.9	333.6	321.2	308.9	293.4	274.9	253.3	231.6	213.1	191.5	173.0
-47.5°	336.7	324.3	311.9	302.7	290.3	265.6	247.1	225.5	203.8	185.3	163.7
-50°	327.4	315.0	305.8	293.4	278.0	256.4	237.8	216.2	197.7	176.0	157.5
-52.5°	318.1	305.8	293.4	281.1	265.6	247.1	228.6	210.0	188.4	166.8	148.3
-55°	308.9	296.5	284.1	271.8	256.4	240.9	222.4	197.7	176.0	154.4	135.9
-57.5°	299.6	290.3	274.9	259.4	244.0	228.6	206.9	185.3	163.7	142.1	126.6
-60°	287.2	274.9	262.5	244.0	228.6	210.0	191.5	173.0	151.3	132.8	117.4
-62.5°	268.7	256.4	244.0	225.5	210.0	194.6	179.1	157.5	142.1	123.5	108.1
-65°	247.1	234.7	222.4	206.9	191.5	176.0	163.7	145.2	129.7	114.3	101.9
-67.5°	222.4	210.0	200.8	185.3	173.0	157.5	145.2	129.7	114.3	101.9	89.6
-70°	191.5	182.2	173.0	160.6	148.3	135.9	123.5	111.2	98.8	89.6	77.2
-72.5°	163.7	154.4	145.2	135.9	126.6	114.3	105.0	95.7	86.5	77.2	71.0
-75°	132.8	126.6	120.5	114.3	105.0	95.7	89.6	80.3	74.1	67.9	64.9
-77.5°	111.2	105.0	98.8	92.7	86.5	80.3	74.1	67.9	64.9	61.8	58.7
-80°	89.6	86.5	83.4	77.2	74.1	67.9	64.9	58.7	58.7	58.7	58.7
-82.5°	71.0	67.9	64.9	61.8	58.7	55.6	55.6	52.5	55.6	55.6	52.5
-85°	49.4	46.3	43.2	43.2	40.2	40.2	37.1	37.1	37.1	34.0	34.0
-87.5°	21.6	21.6	21.6	21.6	18.5	18.5	18.5	18.5	18.5	15.4	15.4
-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: P724141  
 CATALOG NUMBER: IFLD-M-SA4A-740-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°	6.2	6.2	3.1	3.1	3.1	3.1	3.1	3.1	3.1	0.0	0.0
85°	12.4	12.4	9.3	9.3	9.3	6.2	6.2	3.1	3.1	3.1	3.1
82.5°	27.8	24.7	21.6	18.5	15.4	12.4	9.3	6.2	6.2	3.1	3.1
80°	34.0	34.0	34.0	30.9	24.7	18.5	12.4	9.3	6.2	3.1	3.1
77.5°	24.7	24.7	27.8	30.9	30.9	24.7	15.4	9.3	6.2	6.2	3.1
75°	18.5	18.5	18.5	21.6	24.7	24.7	18.5	12.4	6.2	6.2	3.1
72.5°	18.5	18.5	18.5	18.5	18.5	18.5	18.5	12.4	9.3	6.2	6.2
70°	15.4	15.4	15.4	15.4	15.4	15.4	15.4	12.4	9.3	6.2	6.2
67.5°	12.4	12.4	15.4	15.4	15.4	12.4	12.4	12.4	9.3	6.2	6.2
65°	9.3	12.4	12.4	15.4	12.4	12.4	12.4	9.3	9.3	6.2	6.2
62.5°	9.3	9.3	12.4	12.4	12.4	12.4	9.3	9.3	9.3	6.2	6.2
60°	9.3	9.3	9.3	12.4	9.3	9.3	9.3	9.3	9.3	6.2	6.2
57.5°	9.3	9.3	9.3	9.3	9.3	9.3	9.3	6.2	6.2	6.2	6.2
55°	9.3	9.3	9.3	9.3	9.3	9.3	6.2	6.2	6.2	6.2	6.2
52.5°	12.4	9.3	9.3	9.3	9.3	9.3	6.2	6.2	6.2	6.2	6.2
50°	15.4	9.3	9.3	9.3	9.3	6.2	6.2	6.2	6.2	6.2	6.2
47.5°	21.6	15.4	12.4	9.3	9.3	6.2	6.2	6.2	6.2	6.2	3.1
45°	30.9	21.6	15.4	12.4	9.3	6.2	6.2	6.2	6.2	6.2	3.1
42.5°	37.1	27.8	18.5	15.4	12.4	9.3	6.2	6.2	6.2	3.1	3.1
40°	46.3	37.1	24.7	18.5	12.4	9.3	6.2	6.2	6.2	3.1	3.1
37.5°	58.7	46.3	30.9	21.6	15.4	9.3	9.3	6.2	6.2	3.1	3.1
35°	67.9	52.5	40.2	24.7	18.5	12.4	9.3	6.2	6.2	3.1	3.1
32.5°	77.2	61.8	49.4	30.9	21.6	15.4	12.4	6.2	6.2	3.1	3.1
30°	86.5	71.0	55.6	40.2	27.8	18.5	12.4	6.2	6.2	3.1	3.1
27.5°	95.7	77.2	61.8	46.3	30.9	21.6	15.4	9.3	6.2	3.1	3.1
25°	105.0	86.5	67.9	52.5	34.0	24.7	15.4	9.3	6.2	6.2	3.1
22.5°	111.2	95.7	77.2	58.7	40.2	27.8	18.5	12.4	6.2	6.2	3.1
20°	120.5	105.0	83.4	64.9	46.3	30.9	18.5	12.4	6.2	6.2	3.1
17.5°	129.7	111.2	89.6	71.0	52.5	34.0	21.6	15.4	6.2	6.2	3.1
15°	139.0	117.4	95.7	74.1	55.6	37.1	21.6	15.4	6.2	6.2	3.1
12.5°	148.3	126.6	101.9	80.3	58.7	40.2	24.7	18.5	9.3	6.2	3.1
10°	154.4	132.8	108.1	83.4	61.8	46.3	27.8	18.5	9.3	6.2	3.1
7.5°	163.7	139.0	114.3	89.6	64.9	49.4	30.9	18.5	9.3	6.2	3.1
5°	166.8	145.2	117.4	95.7	67.9	52.5	34.0	21.6	9.3	6.2	3.1
2.5°	169.9	151.3	120.5	98.8	71.0	52.5	34.0	21.6	12.4	6.2	3.1
0°	173.0	154.4	123.5	101.9	74.1	55.6	37.1	21.6	12.4	6.2	3.1
-2.5°	176.0	157.5	129.7	105.0	77.2	58.7	40.2	21.6	12.4	6.2	3.1
-5°	179.1	157.5	135.9	108.1	80.3	58.7	40.2	24.7	15.4	6.2	3.1
-7.5°	182.2	160.6	139.0	111.2	83.4	58.7	43.2	24.7	15.4	9.3	3.1
-10°	185.3	163.7	142.1	114.3	83.4	61.8	43.2	24.7	15.4	9.3	3.1
-12.5°	188.4	166.8	142.1	114.3	86.5	61.8	43.2	27.8	15.4	9.3	3.1
-15°	191.5	166.8	142.1	114.3	86.5	64.9	46.3	27.8	15.4	9.3	6.2
-17.5°	191.5	166.8	142.1	117.4	86.5	64.9	46.3	27.8	15.4	9.3	6.2
-20°	191.5	166.8	142.1	117.4	86.5	64.9	46.3	27.8	15.4	9.3	6.2



REPORT NUMBER: P724141  
 CATALOG NUMBER: IFLD-M-SA4A-740-U-22-VI

**CANDELA DISTRIBUTION (continued):**

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	188.4	163.7	142.1	114.3	86.5	64.9	46.3	27.8	18.5	9.3	6.2
-25°	188.4	163.7	142.1	114.3	86.5	64.9	43.2	27.8	18.5	9.3	6.2
-27.5°	185.3	163.7	139.0	111.2	83.4	61.8	43.2	27.8	18.5	9.3	6.2
-30°	182.2	160.6	135.9	108.1	83.4	61.8	43.2	27.8	18.5	9.3	6.2
-32.5°	179.1	154.4	132.8	105.0	80.3	58.7	43.2	27.8	18.5	9.3	6.2
-35°	173.0	151.3	126.6	101.9	77.2	58.7	40.2	27.8	18.5	12.4	6.2
-37.5°	166.8	145.2	123.5	98.8	74.1	55.6	40.2	27.8	18.5	12.4	6.2
-40°	160.6	142.1	117.4	92.7	71.0	52.5	40.2	27.8	18.5	12.4	9.3
-42.5°	154.4	135.9	114.3	89.6	71.0	52.5	37.1	27.8	18.5	12.4	9.3
-45°	151.3	132.8	108.1	86.5	67.9	52.5	37.1	24.7	18.5	12.4	9.3
-47.5°	145.2	123.5	101.9	83.4	64.9	49.4	34.0	24.7	18.5	12.4	9.3
-50°	135.9	117.4	98.8	80.3	61.8	46.3	34.0	24.7	18.5	12.4	9.3
-52.5°	126.6	108.1	92.7	74.1	58.7	46.3	34.0	24.7	18.5	12.4	9.3
-55°	117.4	101.9	86.5	71.0	55.6	43.2	30.9	24.7	18.5	12.4	9.3
-57.5°	111.2	95.7	80.3	64.9	52.5	40.2	30.9	21.6	15.4	12.4	9.3
-60°	105.0	89.6	74.1	61.8	49.4	40.2	30.9	21.6	15.4	12.4	6.2
-62.5°	95.7	83.4	67.9	58.7	46.3	37.1	27.8	21.6	15.4	12.4	6.2
-65°	86.5	74.1	61.8	52.5	43.2	34.0	27.8	21.6	15.4	12.4	6.2
-67.5°	77.2	67.9	58.7	49.4	40.2	34.0	27.8	21.6	15.4	9.3	6.2
-70°	71.0	61.8	52.5	46.3	40.2	30.9	27.8	21.6	15.4	9.3	6.2
-72.5°	61.8	55.6	49.4	43.2	37.1	34.0	27.8	21.6	12.4	9.3	6.2
-75°	58.7	52.5	46.3	43.2	40.2	34.0	27.8	18.5	12.4	9.3	6.2
-77.5°	58.7	52.5	49.4	46.3	40.2	34.0	24.7	15.4	9.3	9.3	6.2
-80°	58.7	55.6	52.5	43.2	37.1	27.8	18.5	15.4	9.3	6.2	3.1
-82.5°	52.5	43.2	37.1	30.9	27.8	21.6	15.4	12.4	6.2	6.2	3.1
-85°	34.0	27.8	24.7	21.6	18.5	15.4	9.3	6.2	6.2	3.1	3.1
-87.5°	15.4	15.4	12.4	9.3	9.3	6.2	6.2	3.1	3.1	3.1	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: P724141  
 CATALOG NUMBER: IFLD-M-SA4A-740-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°	3.1	0.0	0.0	0.0
77.5°	3.1	0.0	0.0	0.0
75°	3.1	3.1	0.0	0.0
72.5°	3.1	3.1	0.0	0.0
70°	3.1	3.1	0.0	0.0
67.5°	3.1	3.1	0.0	0.0
65°	3.1	3.1	0.0	0.0
62.5°	3.1	3.1	0.0	0.0
60°	3.1	3.1	0.0	0.0
57.5°	3.1	3.1	3.1	0.0
55°	3.1	3.1	3.1	0.0
52.5°	3.1	3.1	3.1	0.0
50°	3.1	3.1	3.1	0.0
47.5°	3.1	3.1	3.1	0.0
45°	3.1	3.1	3.1	0.0
42.5°	3.1	3.1	3.1	0.0
40°	3.1	3.1	3.1	0.0
37.5°	3.1	3.1	3.1	0.0
35°	3.1	3.1	3.1	0.0
32.5°	3.1	3.1	3.1	0.0
30°	3.1	3.1	3.1	0.0
27.5°	3.1	3.1	3.1	0.0
25°	3.1	3.1	3.1	0.0
22.5°	3.1	3.1	3.1	0.0
20°	3.1	3.1	3.1	0.0
17.5°	3.1	3.1	3.1	0.0
15°	3.1	3.1	3.1	0.0
12.5°	3.1	3.1	3.1	0.0
10°	3.1	3.1	3.1	0.0
7.5°	3.1	3.1	3.1	0.0
5°	3.1	3.1	3.1	0.0
2.5°	3.1	3.1	3.1	0.0
0°	3.1	3.1	3.1	0.0
-2.5°	3.1	3.1	3.1	0.0
-5°	3.1	3.1	3.1	0.0
-7.5°	3.1	3.1	3.1	0.0
-10°	3.1	3.1	3.1	0.0
-12.5°	3.1	3.1	3.1	0.0
-15°	3.1	3.1	3.1	0.0
-17.5°	3.1	3.1	3.1	0.0
-20°	3.1	3.1	3.1	0.0



REPORT NUMBER: P724141  
 CATALOG NUMBER: IFLD-M-SA4A-740-U-22-VI

**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°
-22.5°	3.1	3.1	3.1	0.0
-25°	3.1	3.1	3.1	0.0
-27.5°	3.1	3.1	3.1	0.0
-30°	3.1	3.1	3.1	0.0
-32.5°	3.1	3.1	3.1	0.0
-35°	3.1	3.1	3.1	0.0
-37.5°	3.1	3.1	3.1	0.0
-40°	3.1	3.1	3.1	0.0
-42.5°	3.1	3.1	3.1	0.0
-45°	3.1	3.1	3.1	0.0
-47.5°	3.1	3.1	3.1	0.0
-50°	3.1	3.1	3.1	0.0
-52.5°	3.1	3.1	3.1	0.0
-55°	3.1	3.1	3.1	0.0
-57.5°	3.1	3.1	3.1	0.0
-60°	3.1	3.1	0.0	0.0
-62.5°	3.1	3.1	0.0	0.0
-65°	3.1	3.1	0.0	0.0
-67.5°	3.1	3.1	0.0	0.0
-70°	3.1	3.1	0.0	0.0
-72.5°	3.1	3.1	0.0	0.0
-75°	3.1	3.1	0.0	0.0
-77.5°	3.1	0.0	0.0	0.0
-80°	3.1	0.0	0.0	0.0
-82.5°	3.1	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)