

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: P724054

Luminaire Tested: **IFLD-M-SA4A-727-U-22-VI**

Issue Date: 01/11/2023

**Test Information**

Test Method: LM-79-2019  
Report Number: P724054  
Test Lab: INNOVATION CENTER(G2)  
Issue Date: 01/11/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: IFLD-M-SA4A-727-U-22-VI  
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 2 distribution lens and Visor  
Light Source: (64) 2700K CCT, 70 CRI LEDs  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

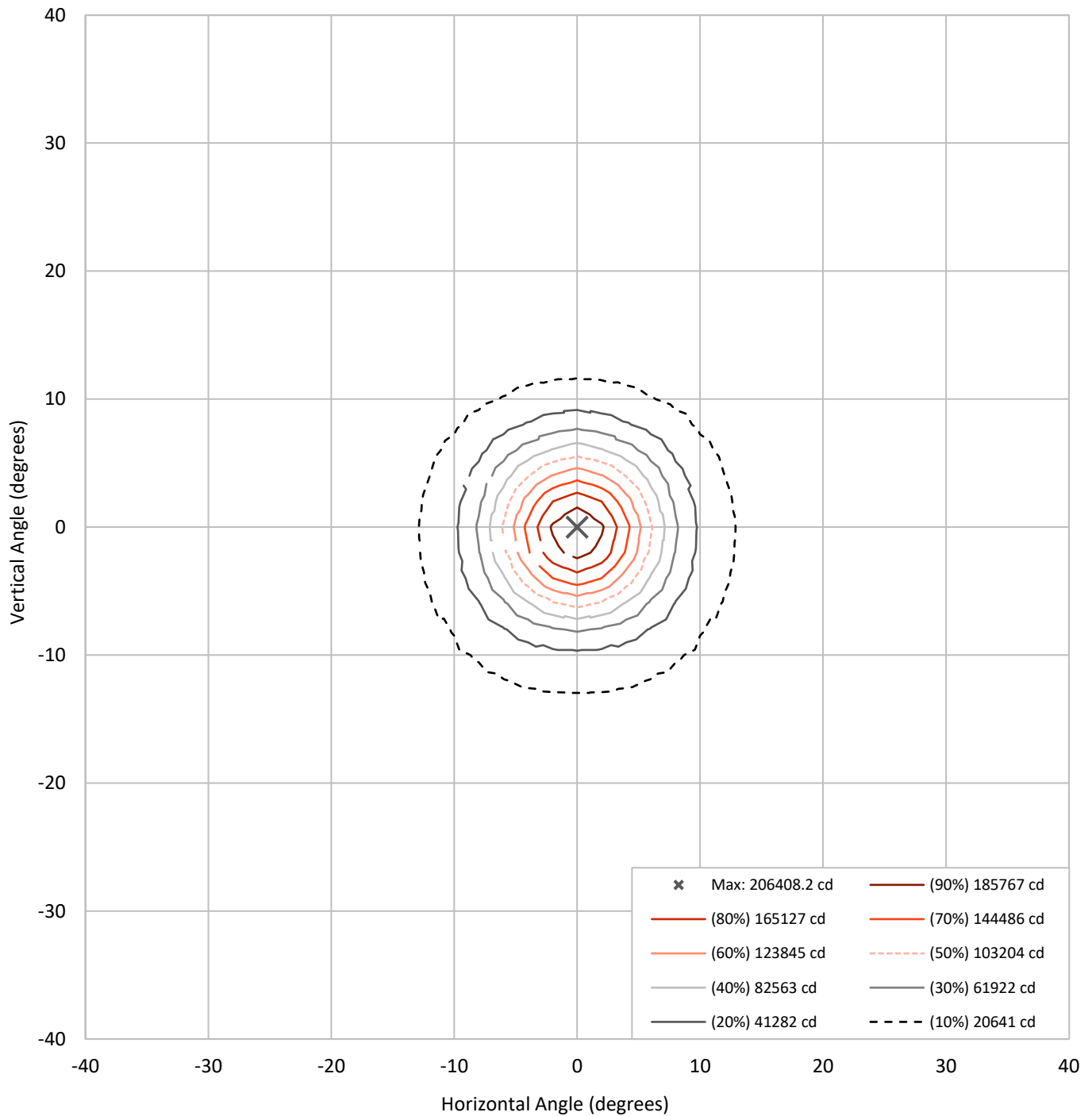
Lumens per Lamp:	N/A	NEMA Type:	2H x 2V
Luminaire Lumens:	14417.7 lumens	Max Intensity:	206408.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	112.1 lumens/watt		
Luminous Opening:	Rectangular (W 2' x L: 0.5' x H: 0')		
Beam Angle (50%):	12.2°H x 11.7°V	Field Angle (10%):	25.1°H x 24.3°V
Beam Lumens:	4510.5 lumens	Field Lumens:	10263.1 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





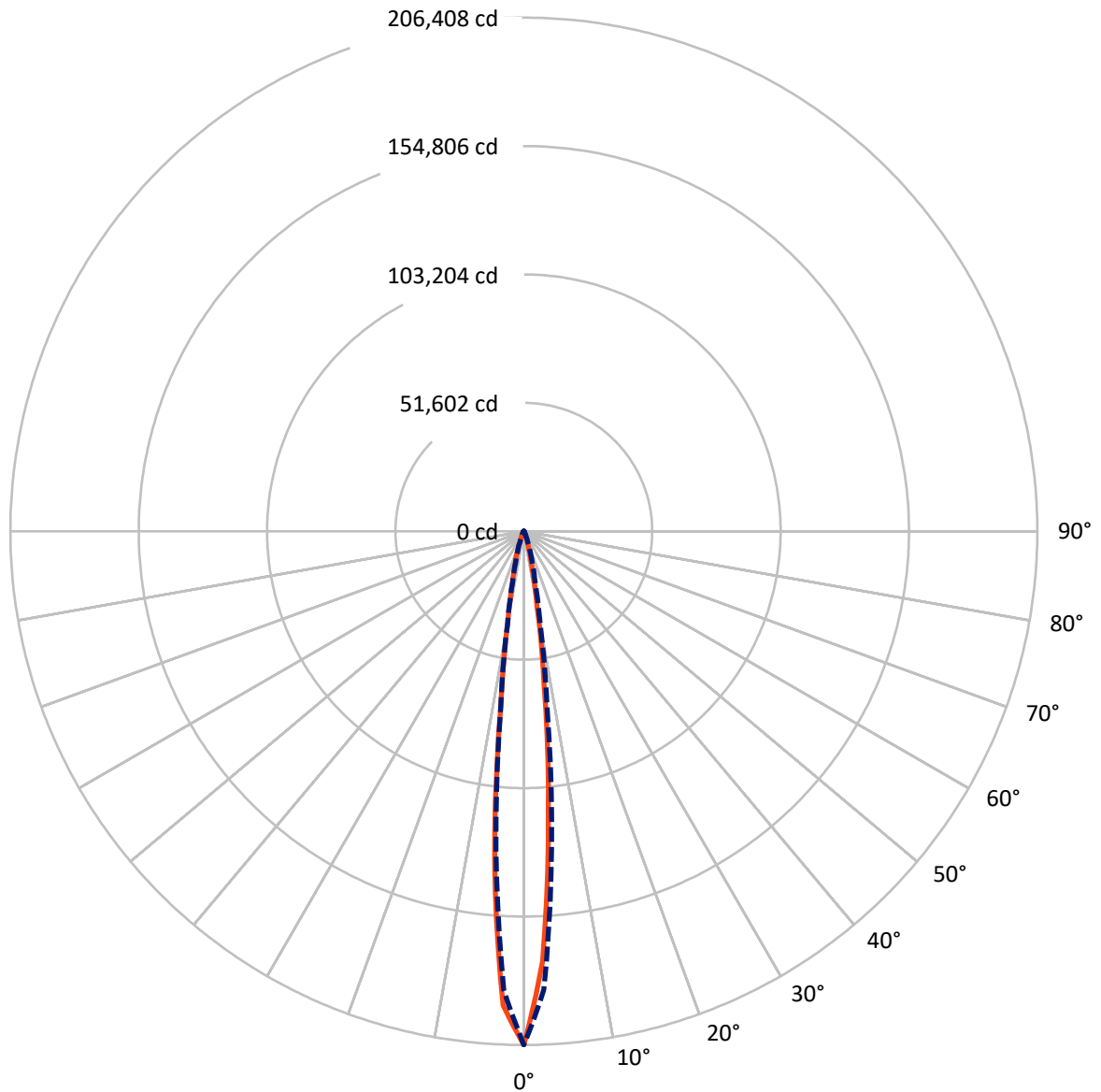
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### Lumen Table

90	0.1	0.9	0.7	0.3	0.0	0.3	0.7	0.9	0.1									
80	0.1	0.9	0.7	0.3	0.0	0.3	0.7	0.9	0.1									
70	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.0	0.0	0.1	0.1	0.1	0.1	0.2	0.1	0.1		
60		0.1	0.2	0.4	0.7	1.1	1.4	1.6	1.6	1.4	1.1	0.7	0.4	0.2	0.1			
50	0.1	0.1	0.5	1.2	2.1	2.9	3.8	4.5	4.5	3.8	2.9	2.1	1.2	0.5	0.1	0.1		
40		0.2	1.0	2.2	3.7	5.8	8.8	10.5	10.5	8.8	5.8	3.7	2.2	1.0	0.2			
30	0.1	0.4	1.5	3.2	5.8	10.0	19.2	31.0	31.0	19.2	10.0	5.8	3.2	1.5	0.4	0.1		
20		0.6	2.1	4.3	8.8	21.7	113.6	287.4	287.4	113.6	21.7	8.8	4.3	2.1	0.6			
10	0.2	0.8	2.5	5.1	10.7	44.2	365.8	2254.4	2254.4	365.8	44.2	10.7	5.1	2.5	0.8	0.2		
0		0.9	2.7	5.4	11.2	50.3	402.6	2482.7	2482.7	402.6	50.3	11.2	5.4	2.7	0.9			
-10	0.3	1.0	2.8	5.4	10.5	30.2	180.7	435.4	435.4	180.7	30.2	10.5	5.4	2.8	1.0	0.3		
-20		1.0	2.8	5.1	8.9	15.4	37.3	70.1	70.1	37.3	15.4	8.9	5.1	2.8	1.0			
-30	0.3	0.9	2.6	4.7	7.4	10.9	15.4	18.1	18.1	15.4	10.9	7.4	4.7	2.6	0.9	0.3		
-40		0.8	2.2	4.2	6.4	8.5	10.7	11.9	11.9	10.7	8.5	6.4	4.2	2.2	0.8			
-50	0.3	0.6	1.8	3.6	5.6	7.4	9.1	9.9	9.9	9.1	7.4	5.6	3.6	1.8	0.6	0.3		
-60		0.5	1.3	2.6	4.3	5.9	7.4	8.3	8.3	7.4	5.9	4.3	2.6	1.3	0.5			
-70	0.1	2.0	5.4	10.0	12.0	10.0	5.4	2.0	0.1							0.1		
-80		2.0	5.4	10.0	12.0	10.0	5.4	2.0	0.1									
-90	0.1	0.9	0.7	0.3	0.0	0.3	0.7	0.9	0.1									

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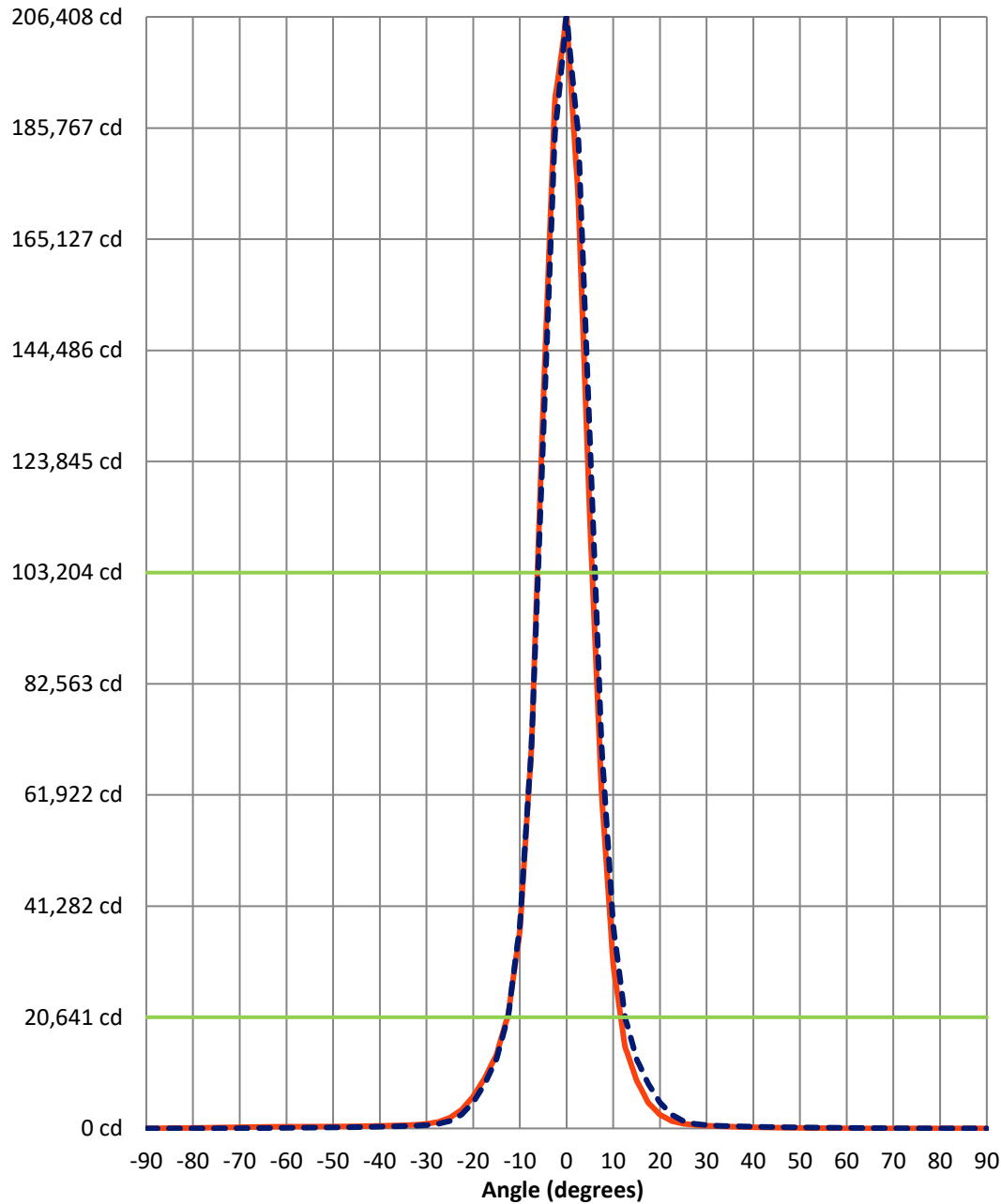
### Luminous Intensity Polar Plot



— 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: 4510.5  
 Efficiency: 31.3%

**Field:**  
 H Angle: 25.1°  
 V Angle: 24.3°  
 Lumens: 10263.1  
 Efficiency: 71.2%

**Spill:**  
 Lumens: 4154.6  
 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	2.6	2.6
85°	0.0	0.0	0.0	0.0	2.6	2.6	2.6	2.6	2.6	5.2	5.2
82.5°	0.0	0.0	0.0	0.0	2.6	2.6	2.6	2.6	5.2	5.2	5.2
80°	0.0	0.0	0.0	0.0	2.6	2.6	2.6	2.6	5.2	5.2	5.2
77.5°	0.0	0.0	0.0	0.0	2.6	2.6	2.6	2.6	2.6	2.6	5.2
75°	0.0	0.0	0.0	0.0	2.6	2.6	2.6	2.6	2.6	2.6	2.6
72.5°	0.0	0.0	0.0	0.0	2.6	2.6	2.6	2.6	2.6	2.6	2.6
70°	0.0	0.0	0.0	0.0	2.6	2.6	2.6	2.6	2.6	2.6	2.6
67.5°	0.0	0.0	0.0	0.0	2.6	2.6	2.6	2.6	2.6	2.6	2.6
65°	0.0	0.0	0.0	0.0	2.6	2.6	2.6	2.6	2.6	2.6	2.6
62.5°	0.0	0.0	0.0	0.0	2.6	2.6	2.6	2.6	2.6	2.6	2.6
60°	5.2	5.2	5.2	5.2	7.7	7.7	10.3	10.3	10.3	5.2	10.3
57.5°	41.3	41.3	38.7	36.2	33.6	31.0	31.0	31.0	31.0	31.0	25.8
55°	56.8	56.8	56.8	54.2	54.2	51.7	49.1	46.5	46.5	43.9	41.3
52.5°	67.2	67.2	67.2	67.2	64.6	64.6	64.6	62.0	56.8	56.8	54.2
50°	95.6	93.0	93.0	93.0	93.0	87.8	85.2	80.1	77.5	74.9	72.3
47.5°	124.0	124.0	121.4	121.4	118.8	113.7	108.5	103.3	98.2	95.6	90.4
45°	147.2	147.2	144.6	144.6	142.1	136.9	129.1	121.4	116.2	111.1	105.9
42.5°	180.8	178.2	175.6	173.1	167.9	160.1	149.8	139.5	131.7	124.0	118.8
40°	217.0	217.0	214.4	211.8	204.1	196.3	183.4	170.5	157.6	142.1	134.3
37.5°	260.9	263.5	266.0	266.0	260.9	250.5	232.5	217.0	196.3	175.6	165.3
35°	341.0	341.0	346.1	346.1	338.4	325.5	312.5	279.0	253.1	227.3	204.1
32.5°	428.8	431.4	421.0	413.3	402.9	387.4	364.2	335.8	307.4	273.8	248.0
30°	514.0	514.0	501.1	485.6	464.9	439.1	410.7	379.7	346.1	312.5	281.5
27.5°	648.3	635.4	625.1	599.3	563.1	514.0	477.9	428.8	384.9	346.1	312.5
25°	870.5	867.9	844.6	800.7	728.4	650.9	591.5	508.8	441.7	382.3	343.5
22.5°	1384.5	1366.4	1312.2	1203.7	1033.2	898.9	777.5	648.3	526.9	446.9	384.9
20°	2559.7	2500.3	2355.7	2056.0	1673.8	1410.3	1108.1	891.1	687.1	537.3	444.3
17.5°	4775.9	4737.2	4682.9	3990.7	3213.2	2655.3	1976.0	1366.4	976.4	702.6	526.9
15°	8952.6	8665.9	8066.6	7237.5	6150.1	4752.7	3494.8	2205.9	1394.8	935.0	669.0
12.5°	15304.1	14986.4	13439.2	11365.1	9409.8	7420.9	5209.9	3352.7	1986.3	1188.2	793.0
10°	30494.6	28188.0	23856.4	17804.5	13896.4	10362.9	7315.0	4574.5	2585.6	1500.7	940.2
7.5°	62458.9	54921.8	42322.1	29877.3	19338.7	13591.6	9342.6	5982.2	3445.7	1877.8	1074.5
5°	113204.1	99832.0	75211.1	45287.3	28082.1	17034.7	11086.1	7113.5	4078.5	2185.2	1208.8
2.5°	172855.3	155557.1	108735.5	62273.0	34627.4	19700.4	12305.3	7857.4	4481.5	2394.4	1312.2
0°	206408.2	184375.4	128053.6	71295.3	37745.0	20831.7	12902.0	8304.3	4822.4	2564.9	1379.3
-2.5°	190670.1	172932.8	117683.0	66227.5	36068.7	20335.8	12987.2	8415.3	4879.2	2611.4	1410.3
-5°	134384.5	119826.8	81428.3	48872.5	30603.1	18731.7	12253.6	7996.9	4721.7	2544.2	1397.4
-7.5°	71096.4	64509.8	48291.3	35118.1	22337.6	15854.3	11031.9	7255.6	4313.6	2363.4	1319.9
-10°	36732.5	35381.6	30489.4	22983.3	18075.7	13281.7	9414.9	6204.3	3605.8	2035.4	1188.2
-12.5°	21177.8	20947.9	19374.9	16631.8	13860.2	10910.5	7725.7	5060.0	3009.2	1686.7	1002.2
-15°	13713.0	13811.2	13263.6	12121.9	10543.7	8164.8	5935.7	3763.4	2226.5	1366.4	883.4
-17.5°	9358.1	9332.3	9076.6	8293.9	7023.1	5514.7	3933.9	2657.9	1686.7	1064.2	733.6
-20°	5920.2	5930.5	5692.9	5153.0	4218.0	3399.2	2448.7	1792.6	1195.9	836.9	648.3



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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°	3435.4	3443.1	3293.3	2988.5	2497.7	2014.7	1591.1	1185.6	880.8	697.4	568.3
-25°	1973.4	1942.4	1883.0	1735.8	1505.9	1242.4	1056.4	834.3	705.2	591.5	519.2
-27.5°	1195.9	1175.3	1144.3	1079.7	989.3	857.5	772.3	674.2	599.3	532.1	488.2
-30°	834.3	842.1	816.2	782.6	741.3	681.9	635.4	588.9	539.8	498.5	457.2
-32.5°	663.8	669.0	656.1	643.2	622.5	599.3	570.8	537.3	498.5	459.8	421.0
-35°	570.8	573.4	573.4	570.8	565.7	547.6	526.9	495.9	459.8	423.6	390.0
-37.5°	524.3	526.9	526.9	524.3	516.6	501.1	480.4	454.6	421.0	387.4	361.6
-40°	475.3	477.9	475.3	470.1	462.4	446.9	431.4	410.7	384.9	356.5	333.2
-42.5°	428.8	426.2	423.6	418.4	410.7	400.4	387.4	371.9	353.9	333.2	315.1
-45°	384.9	384.9	382.3	379.7	374.5	366.8	359.0	346.1	333.2	317.7	302.2
-47.5°	361.6	361.6	359.0	356.5	353.9	348.7	341.0	330.6	320.3	307.4	294.5
-50°	346.1	346.1	346.1	343.5	341.0	335.8	328.0	320.3	310.0	297.0	284.1
-52.5°	335.8	335.8	335.8	333.2	330.6	328.0	320.3	310.0	297.0	286.7	276.4
-55°	330.6	328.0	328.0	325.5	322.9	320.3	310.0	299.6	289.3	279.0	268.6
-57.5°	322.9	320.3	320.3	317.7	315.1	312.5	302.2	291.9	281.5	268.6	260.9
-60°	315.1	312.5	312.5	307.4	304.8	302.2	291.9	281.5	271.2	260.9	250.5
-62.5°	304.8	302.2	299.6	297.0	291.9	286.7	279.0	268.6	255.7	245.4	235.1
-65°	281.5	279.0	276.4	273.8	271.2	268.6	260.9	248.0	237.6	227.3	217.0
-67.5°	253.1	253.1	253.1	248.0	245.4	240.2	235.1	224.7	214.4	204.1	196.3
-70°	219.6	219.6	219.6	214.4	211.8	209.2	201.5	193.7	186.0	178.2	167.9
-72.5°	186.0	183.4	183.4	180.8	175.6	173.1	167.9	162.7	155.0	149.8	142.1
-75°	152.4	149.8	149.8	147.2	144.6	142.1	136.9	134.3	129.1	124.0	116.2
-77.5°	121.4	121.4	121.4	118.8	116.2	113.7	111.1	108.5	105.9	100.7	95.6
-80°	93.0	93.0	93.0	93.0	93.0	93.0	93.0	90.4	85.2	82.7	80.1
-82.5°	67.2	69.7	69.7	69.7	69.7	69.7	69.7	69.7	67.2	64.6	62.0
-85°	43.9	46.5	46.5	49.1	51.7	51.7	54.2	51.7	49.1	43.9	41.3
-87.5°	23.2	23.2	23.2	23.2	23.2	23.2	23.2	20.7	20.7	20.7	18.1
-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°	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	5.2	5.2	5.2
85°	5.2	5.2	5.2	5.2	7.7	7.7	7.7	10.3	10.3	10.3	10.3
82.5°	5.2	7.7	7.7	7.7	10.3	10.3	12.9	15.5	20.7	23.2	23.2
80°	5.2	7.7	7.7	7.7	10.3	10.3	12.9	12.9	15.5	18.1	23.2
77.5°	5.2	5.2	7.7	7.7	7.7	10.3	10.3	12.9	12.9	15.5	18.1
75°	2.6	5.2	5.2	5.2	7.7	7.7	10.3	10.3	12.9	12.9	15.5
72.5°	2.6	5.2	5.2	5.2	7.7	7.7	10.3	10.3	10.3	12.9	12.9
70°	2.6	5.2	5.2	5.2	5.2	7.7	7.7	7.7	10.3	10.3	10.3
67.5°	2.6	2.6	2.6	5.2	5.2	5.2	5.2	7.7	7.7	7.7	10.3
65°	2.6	2.6	2.6	2.6	5.2	5.2	5.2	5.2	7.7	7.7	7.7
62.5°	2.6	2.6	2.6	5.2	5.2	5.2	5.2	5.2	7.7	7.7	7.7
60°	10.3	10.3	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7
57.5°	23.2	23.2	20.7	18.1	15.5	15.5	12.9	10.3	10.3	7.7	7.7
55°	38.7	36.2	33.6	28.4	25.8	23.2	20.7	15.5	12.9	10.3	7.7
52.5°	49.1	46.5	43.9	41.3	36.2	31.0	28.4	25.8	20.7	15.5	12.9
50°	72.3	64.6	59.4	54.2	49.1	43.9	38.7	36.2	28.4	23.2	18.1
47.5°	87.8	82.7	74.9	69.7	64.6	56.8	49.1	43.9	38.7	31.0	23.2
45°	100.7	95.6	87.8	82.7	77.5	69.7	62.0	54.2	49.1	41.3	31.0
42.5°	113.7	108.5	100.7	95.6	87.8	80.1	72.3	64.6	56.8	51.7	41.3
40°	131.7	124.0	113.7	108.5	103.3	93.0	82.7	74.9	67.2	59.4	49.1
37.5°	155.0	147.2	134.3	124.0	116.2	108.5	98.2	87.8	80.1	69.7	59.4
35°	191.1	178.2	160.1	144.6	134.3	124.0	111.1	100.7	90.4	80.1	69.7
32.5°	227.3	206.6	183.4	165.3	149.8	136.9	124.0	113.7	100.7	87.8	77.5
30°	255.7	232.5	209.2	183.4	165.3	149.8	136.9	124.0	111.1	98.2	85.2
27.5°	284.1	258.3	232.5	206.6	180.8	160.1	147.2	134.3	121.4	108.5	93.0
25°	312.5	284.1	258.3	229.9	198.9	175.6	157.6	147.2	134.3	118.8	100.7
22.5°	338.4	312.5	286.7	255.7	219.6	188.6	170.5	157.6	144.6	126.6	111.1
20°	387.4	353.9	322.9	284.1	242.8	211.8	188.6	170.5	155.0	136.9	118.8
17.5°	452.0	402.9	361.6	317.7	276.4	237.6	204.1	183.4	167.9	147.2	126.6
15°	534.7	449.4	397.8	353.9	304.8	260.9	224.7	196.3	175.6	155.0	136.9
12.5°	596.7	485.6	428.8	387.4	335.8	286.7	240.2	206.6	183.4	162.7	142.1
10°	666.4	524.3	454.6	408.1	353.9	299.6	250.5	214.4	188.6	170.5	149.8
7.5°	723.2	555.3	467.5	415.9	364.2	310.0	260.9	222.1	196.3	175.6	155.0
5°	774.9	581.2	477.9	418.4	369.4	317.7	266.0	227.3	201.5	180.8	160.1
2.5°	811.1	604.4	488.2	423.6	374.5	322.9	273.8	232.5	206.6	186.0	165.3
0°	842.1	612.2	485.6	423.6	377.1	322.9	276.4	235.1	209.2	188.6	167.9
-2.5°	852.4	625.1	498.5	428.8	382.3	328.0	281.5	237.6	211.8	191.1	173.1
-5°	852.4	614.7	498.5	433.9	384.9	330.6	281.5	240.2	214.4	193.7	173.1
-7.5°	821.4	599.3	495.9	439.1	387.4	333.2	281.5	242.8	217.0	196.3	175.6
-10°	767.1	576.0	493.3	441.7	387.4	330.6	281.5	242.8	217.0	196.3	178.2
-12.5°	679.3	545.0	480.4	436.5	382.3	325.5	279.0	242.8	217.0	198.9	178.2
-15°	635.4	519.2	464.9	421.0	369.4	317.7	273.8	240.2	217.0	198.9	180.8
-17.5°	576.0	498.5	449.4	405.5	359.0	310.0	268.6	240.2	217.0	196.3	180.8
-20°	534.7	475.3	431.4	392.6	346.1	302.2	266.0	237.6	217.0	196.3	180.8



REPORT NUMBER: P724054

CATALOG NUMBER: IFLD-M-SA4A-727-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°	498.5	449.4	410.7	371.9	330.6	291.9	260.9	235.1	214.4	196.3	180.8
-25°	470.1	426.2	390.0	353.9	317.7	284.1	255.7	232.5	211.8	196.3	178.2
-27.5°	444.3	402.9	369.4	335.8	302.2	276.4	250.5	229.9	211.8	193.7	175.6
-30°	415.9	382.3	348.7	317.7	294.5	268.6	245.4	224.7	209.2	191.1	173.1
-32.5°	387.4	356.5	328.0	304.8	284.1	263.5	242.8	222.1	204.1	186.0	167.9
-35°	361.6	333.2	312.5	291.9	276.4	258.3	237.6	217.0	201.5	183.4	167.9
-37.5°	335.8	315.1	297.0	281.5	266.0	250.5	229.9	211.8	196.3	178.2	160.1
-40°	315.1	299.6	286.7	273.8	258.3	240.2	224.7	206.6	191.1	173.1	152.4
-42.5°	302.2	289.3	276.4	263.5	250.5	235.1	219.6	201.5	186.0	167.9	147.2
-45°	289.3	279.0	268.6	258.3	245.4	229.9	211.8	193.7	178.2	160.1	144.6
-47.5°	281.5	271.2	260.9	253.1	242.8	222.1	206.6	188.6	170.5	155.0	136.9
-50°	273.8	263.5	255.7	245.4	232.5	214.4	198.9	180.8	165.3	147.2	131.7
-52.5°	266.0	255.7	245.4	235.1	222.1	206.6	191.1	175.6	157.6	139.5	124.0
-55°	258.3	248.0	237.6	227.3	214.4	201.5	186.0	165.3	147.2	129.1	113.7
-57.5°	250.5	242.8	229.9	217.0	204.1	191.1	173.1	155.0	136.9	118.8	105.9
-60°	240.2	229.9	219.6	204.1	191.1	175.6	160.1	144.6	126.6	111.1	98.2
-62.5°	224.7	214.4	204.1	188.6	175.6	162.7	149.8	131.7	118.8	103.3	90.4
-65°	206.6	196.3	186.0	173.1	160.1	147.2	136.9	121.4	108.5	95.6	85.2
-67.5°	186.0	175.6	167.9	155.0	144.6	131.7	121.4	108.5	95.6	85.2	74.9
-70°	160.1	152.4	144.6	134.3	124.0	113.7	103.3	93.0	82.7	74.9	64.6
-72.5°	136.9	129.1	121.4	113.7	105.9	95.6	87.8	80.1	72.3	64.6	59.4
-75°	111.1	105.9	100.7	95.6	87.8	80.1	74.9	67.2	62.0	56.8	54.2
-77.5°	93.0	87.8	82.7	77.5	72.3	67.2	62.0	56.8	54.2	51.7	49.1
-80°	74.9	72.3	69.7	64.6	62.0	56.8	54.2	49.1	49.1	49.1	49.1
-82.5°	59.4	56.8	54.2	51.7	49.1	46.5	46.5	43.9	46.5	46.5	43.9
-85°	41.3	38.7	36.2	36.2	33.6	33.6	31.0	31.0	31.0	28.4	28.4
-87.5°	18.1	18.1	18.1	18.1	15.5	15.5	15.5	15.5	15.5	12.9	12.9
-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: P724054  
 CATALOG NUMBER: IFLD-M-SA4A-727-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°	5.2	5.2	2.6	2.6	2.6	2.6	2.6	2.6	2.6	0.0	0.0
85°	10.3	10.3	7.7	7.7	7.7	5.2	5.2	2.6	2.6	2.6	2.6
82.5°	23.2	20.7	18.1	15.5	12.9	10.3	7.7	5.2	5.2	2.6	2.6
80°	28.4	28.4	28.4	25.8	20.7	15.5	10.3	7.7	5.2	2.6	2.6
77.5°	20.7	20.7	23.2	25.8	25.8	20.7	12.9	7.7	5.2	5.2	2.6
75°	15.5	15.5	15.5	18.1	20.7	20.7	15.5	10.3	5.2	5.2	2.6
72.5°	15.5	15.5	15.5	15.5	15.5	15.5	15.5	10.3	7.7	5.2	5.2
70°	12.9	12.9	12.9	12.9	12.9	12.9	12.9	10.3	7.7	5.2	5.2
67.5°	10.3	10.3	12.9	12.9	12.9	10.3	10.3	10.3	7.7	5.2	5.2
65°	7.7	10.3	10.3	12.9	10.3	10.3	10.3	7.7	7.7	5.2	5.2
62.5°	7.7	7.7	10.3	10.3	10.3	10.3	7.7	7.7	7.7	5.2	5.2
60°	7.7	7.7	7.7	10.3	7.7	7.7	7.7	7.7	7.7	5.2	5.2
57.5°	7.7	7.7	7.7	7.7	7.7	7.7	7.7	5.2	5.2	5.2	5.2
55°	7.7	7.7	7.7	7.7	7.7	7.7	5.2	5.2	5.2	5.2	5.2
52.5°	10.3	7.7	7.7	7.7	7.7	7.7	5.2	5.2	5.2	5.2	5.2
50°	12.9	7.7	7.7	7.7	7.7	5.2	5.2	5.2	5.2	5.2	5.2
47.5°	18.1	12.9	10.3	7.7	7.7	5.2	5.2	5.2	5.2	5.2	2.6
45°	25.8	18.1	12.9	10.3	7.7	5.2	5.2	5.2	5.2	5.2	2.6
42.5°	31.0	23.2	15.5	12.9	10.3	7.7	5.2	5.2	5.2	2.6	2.6
40°	38.7	31.0	20.7	15.5	10.3	7.7	5.2	5.2	5.2	2.6	2.6
37.5°	49.1	38.7	25.8	18.1	12.9	7.7	7.7	5.2	5.2	2.6	2.6
35°	56.8	43.9	33.6	20.7	15.5	10.3	7.7	5.2	5.2	2.6	2.6
32.5°	64.6	51.7	41.3	25.8	18.1	12.9	10.3	5.2	5.2	2.6	2.6
30°	72.3	59.4	46.5	33.6	23.2	15.5	10.3	5.2	5.2	2.6	2.6
27.5°	80.1	64.6	51.7	38.7	25.8	18.1	12.9	7.7	5.2	2.6	2.6
25°	87.8	72.3	56.8	43.9	28.4	20.7	12.9	7.7	5.2	5.2	2.6
22.5°	93.0	80.1	64.6	49.1	33.6	23.2	15.5	10.3	5.2	5.2	2.6
20°	100.7	87.8	69.7	54.2	38.7	25.8	15.5	10.3	5.2	5.2	2.6
17.5°	108.5	93.0	74.9	59.4	43.9	28.4	18.1	12.9	5.2	5.2	2.6
15°	116.2	98.2	80.1	62.0	46.5	31.0	18.1	12.9	5.2	5.2	2.6
12.5°	124.0	105.9	85.2	67.2	49.1	33.6	20.7	15.5	7.7	5.2	2.6
10°	129.1	111.1	90.4	69.7	51.7	38.7	23.2	15.5	7.7	5.2	2.6
7.5°	136.9	116.2	95.6	74.9	54.2	41.3	25.8	15.5	7.7	5.2	2.6
5°	139.5	121.4	98.2	80.1	56.8	43.9	28.4	18.1	7.7	5.2	2.6
2.5°	142.1	126.6	100.7	82.7	59.4	43.9	28.4	18.1	10.3	5.2	2.6
0°	144.6	129.1	103.3	85.2	62.0	46.5	31.0	18.1	10.3	5.2	2.6
-2.5°	147.2	131.7	108.5	87.8	64.6	49.1	33.6	18.1	10.3	5.2	2.6
-5°	149.8	131.7	113.7	90.4	67.2	49.1	33.6	20.7	12.9	5.2	2.6
-7.5°	152.4	134.3	116.2	93.0	69.7	49.1	36.2	20.7	12.9	7.7	2.6
-10°	155.0	136.9	118.8	95.6	69.7	51.7	36.2	20.7	12.9	7.7	2.6
-12.5°	157.6	139.5	118.8	95.6	72.3	51.7	36.2	23.2	12.9	7.7	2.6
-15°	160.1	139.5	118.8	95.6	72.3	54.2	38.7	23.2	12.9	7.7	5.2
-17.5°	160.1	139.5	118.8	98.2	72.3	54.2	38.7	23.2	12.9	7.7	5.2
-20°	160.1	139.5	118.8	98.2	72.3	54.2	38.7	23.2	12.9	7.7	5.2



REPORT NUMBER: P724054  
 CATALOG NUMBER: IFLD-M-SA4A-727-U-22-VI

**CANDELA DISTRIBUTION (continued):**

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	157.6	136.9	118.8	95.6	72.3	54.2	38.7	23.2	15.5	7.7	5.2
-25°	157.6	136.9	118.8	95.6	72.3	54.2	36.2	23.2	15.5	7.7	5.2
-27.5°	155.0	136.9	116.2	93.0	69.7	51.7	36.2	23.2	15.5	7.7	5.2
-30°	152.4	134.3	113.7	90.4	69.7	51.7	36.2	23.2	15.5	7.7	5.2
-32.5°	149.8	129.1	111.1	87.8	67.2	49.1	36.2	23.2	15.5	7.7	5.2
-35°	144.6	126.6	105.9	85.2	64.6	49.1	33.6	23.2	15.5	10.3	5.2
-37.5°	139.5	121.4	103.3	82.7	62.0	46.5	33.6	23.2	15.5	10.3	5.2
-40°	134.3	118.8	98.2	77.5	59.4	43.9	33.6	23.2	15.5	10.3	7.7
-42.5°	129.1	113.7	95.6	74.9	59.4	43.9	31.0	23.2	15.5	10.3	7.7
-45°	126.6	111.1	90.4	72.3	56.8	43.9	31.0	20.7	15.5	10.3	7.7
-47.5°	121.4	103.3	85.2	69.7	54.2	41.3	28.4	20.7	15.5	10.3	7.7
-50°	113.7	98.2	82.7	67.2	51.7	38.7	28.4	20.7	15.5	10.3	7.7
-52.5°	105.9	90.4	77.5	62.0	49.1	38.7	28.4	20.7	15.5	10.3	7.7
-55°	98.2	85.2	72.3	59.4	46.5	36.2	25.8	20.7	15.5	10.3	7.7
-57.5°	93.0	80.1	67.2	54.2	43.9	33.6	25.8	18.1	12.9	10.3	7.7
-60°	87.8	74.9	62.0	51.7	41.3	33.6	25.8	18.1	12.9	10.3	5.2
-62.5°	80.1	69.7	56.8	49.1	38.7	31.0	23.2	18.1	12.9	10.3	5.2
-65°	72.3	62.0	51.7	43.9	36.2	28.4	23.2	18.1	12.9	10.3	5.2
-67.5°	64.6	56.8	49.1	41.3	33.6	28.4	23.2	18.1	12.9	7.7	5.2
-70°	59.4	51.7	43.9	38.7	33.6	25.8	23.2	18.1	12.9	7.7	5.2
-72.5°	51.7	46.5	41.3	36.2	31.0	28.4	23.2	18.1	10.3	7.7	5.2
-75°	49.1	43.9	38.7	36.2	33.6	28.4	23.2	15.5	10.3	7.7	5.2
-77.5°	49.1	43.9	41.3	38.7	33.6	28.4	20.7	12.9	7.7	7.7	5.2
-80°	49.1	46.5	43.9	36.2	31.0	23.2	15.5	12.9	7.7	5.2	2.6
-82.5°	43.9	36.2	31.0	25.8	23.2	18.1	12.9	10.3	5.2	5.2	2.6
-85°	28.4	23.2	20.7	18.1	15.5	12.9	7.7	5.2	5.2	2.6	2.6
-87.5°	12.9	12.9	10.3	7.7	7.7	5.2	5.2	2.6	2.6	2.6	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: P724054  
 CATALOG NUMBER: IFLD-M-SA4A-727-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°	2.6	0.0	0.0	0.0
77.5°	2.6	0.0	0.0	0.0
75°	2.6	2.6	0.0	0.0
72.5°	2.6	2.6	0.0	0.0
70°	2.6	2.6	0.0	0.0
67.5°	2.6	2.6	0.0	0.0
65°	2.6	2.6	0.0	0.0
62.5°	2.6	2.6	0.0	0.0
60°	2.6	2.6	0.0	0.0
57.5°	2.6	2.6	2.6	0.0
55°	2.6	2.6	2.6	0.0
52.5°	2.6	2.6	2.6	0.0
50°	2.6	2.6	2.6	0.0
47.5°	2.6	2.6	2.6	0.0
45°	2.6	2.6	2.6	0.0
42.5°	2.6	2.6	2.6	0.0
40°	2.6	2.6	2.6	0.0
37.5°	2.6	2.6	2.6	0.0
35°	2.6	2.6	2.6	0.0
32.5°	2.6	2.6	2.6	0.0
30°	2.6	2.6	2.6	0.0
27.5°	2.6	2.6	2.6	0.0
25°	2.6	2.6	2.6	0.0
22.5°	2.6	2.6	2.6	0.0
20°	2.6	2.6	2.6	0.0
17.5°	2.6	2.6	2.6	0.0
15°	2.6	2.6	2.6	0.0
12.5°	2.6	2.6	2.6	0.0
10°	2.6	2.6	2.6	0.0
7.5°	2.6	2.6	2.6	0.0
5°	2.6	2.6	2.6	0.0
2.5°	2.6	2.6	2.6	0.0
0°	2.6	2.6	2.6	0.0
-2.5°	2.6	2.6	2.6	0.0
-5°	2.6	2.6	2.6	0.0
-7.5°	2.6	2.6	2.6	0.0
-10°	2.6	2.6	2.6	0.0
-12.5°	2.6	2.6	2.6	0.0
-15°	2.6	2.6	2.6	0.0
-17.5°	2.6	2.6	2.6	0.0
-20°	2.6	2.6	2.6	0.0



REPORT NUMBER: P724054  
CATALOG NUMBER: IFLD-M-SA4A-727-U-22-VI

**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°
-22.5°	2.6	2.6	2.6	0.0
-25°	2.6	2.6	2.6	0.0
-27.5°	2.6	2.6	2.6	0.0
-30°	2.6	2.6	2.6	0.0
-32.5°	2.6	2.6	2.6	0.0
-35°	2.6	2.6	2.6	0.0
-37.5°	2.6	2.6	2.6	0.0
-40°	2.6	2.6	2.6	0.0
-42.5°	2.6	2.6	2.6	0.0
-45°	2.6	2.6	2.6	0.0
-47.5°	2.6	2.6	2.6	0.0
-50°	2.6	2.6	2.6	0.0
-52.5°	2.6	2.6	2.6	0.0
-55°	2.6	2.6	2.6	0.0
-57.5°	2.6	2.6	2.6	0.0
-60°	2.6	2.6	0.0	0.0
-62.5°	2.6	2.6	0.0	0.0
-65°	2.6	2.6	0.0	0.0
-67.5°	2.6	2.6	0.0	0.0
-70°	2.6	2.6	0.0	0.0
-72.5°	2.6	2.6	0.0	0.0
-75°	2.6	2.6	0.0	0.0
-77.5°	2.6	0.0	0.0	0.0
-80°	2.6	0.0	0.0	0.0
-82.5°	2.6	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)