

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: P724170

Luminaire Tested: **IFLD-M-SA4A-750-U-22-VI**

Issue Date: 01/11/2023

Test Information

Test Method: LM-79-2019
Report Number: P724170
Test Lab: INNOVATION CENTER(G2)
Issue Date: 01/11/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-M-SA4A-750-U-22-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 2 distribution lens and Visor
Light Source: (64) 5000K CCT, 70 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

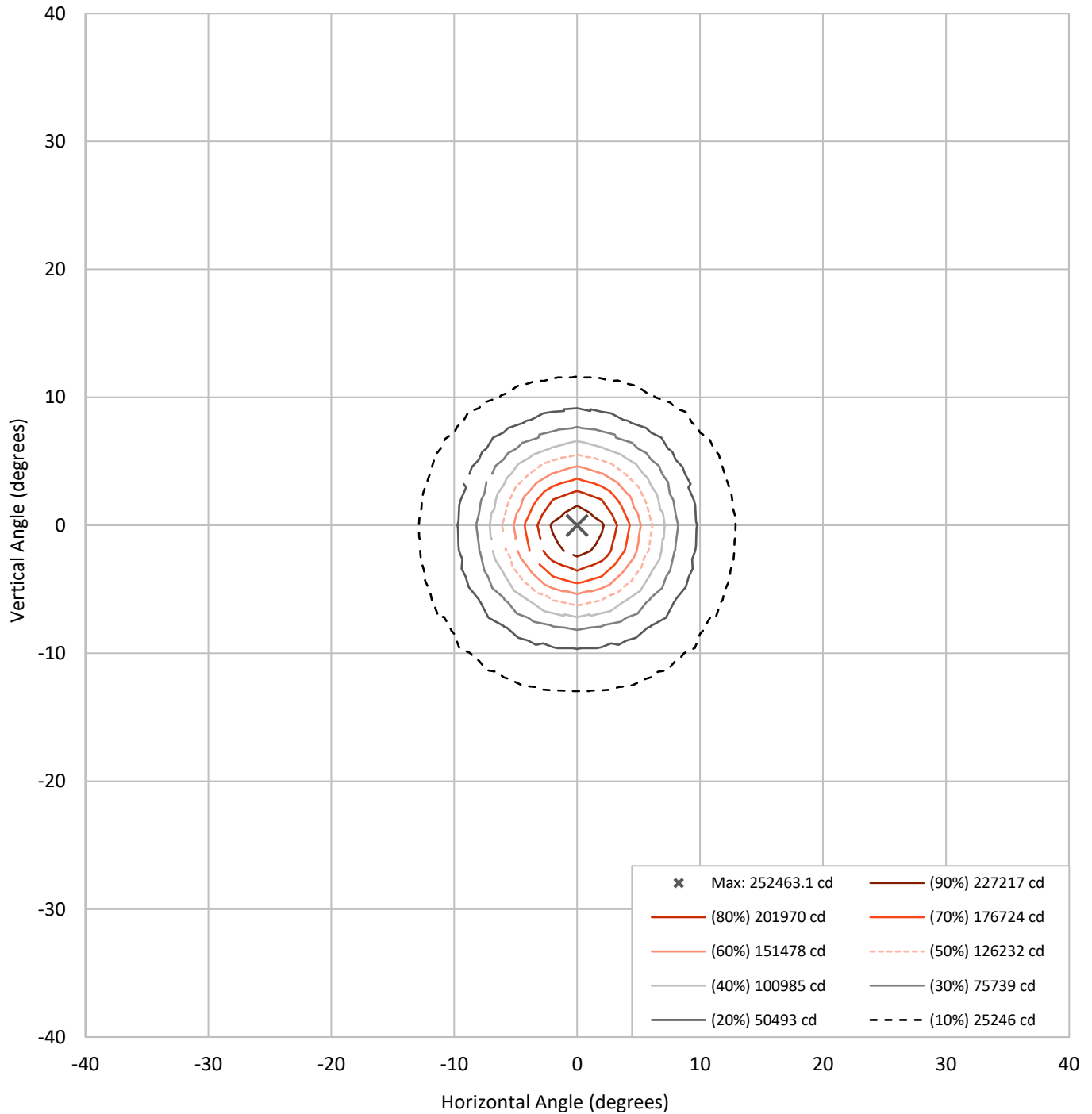
Lumens per Lamp:	N/A	NEMA Type:	2H x 2V
Luminaire Lumens:	17634.7 lumens	Max Intensity:	252463.1 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	137.1 lumens/watt		
Luminous Opening:	Rectangular (W 2' x L: 0.5' x H: 0')		
Beam Angle (50%):	12.2°H x 11.7°V	Field Angle (10%):	25.1°H x 24.3°V
Beam Lumens:	5516.9 lumens	Field Lumens:	12553 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





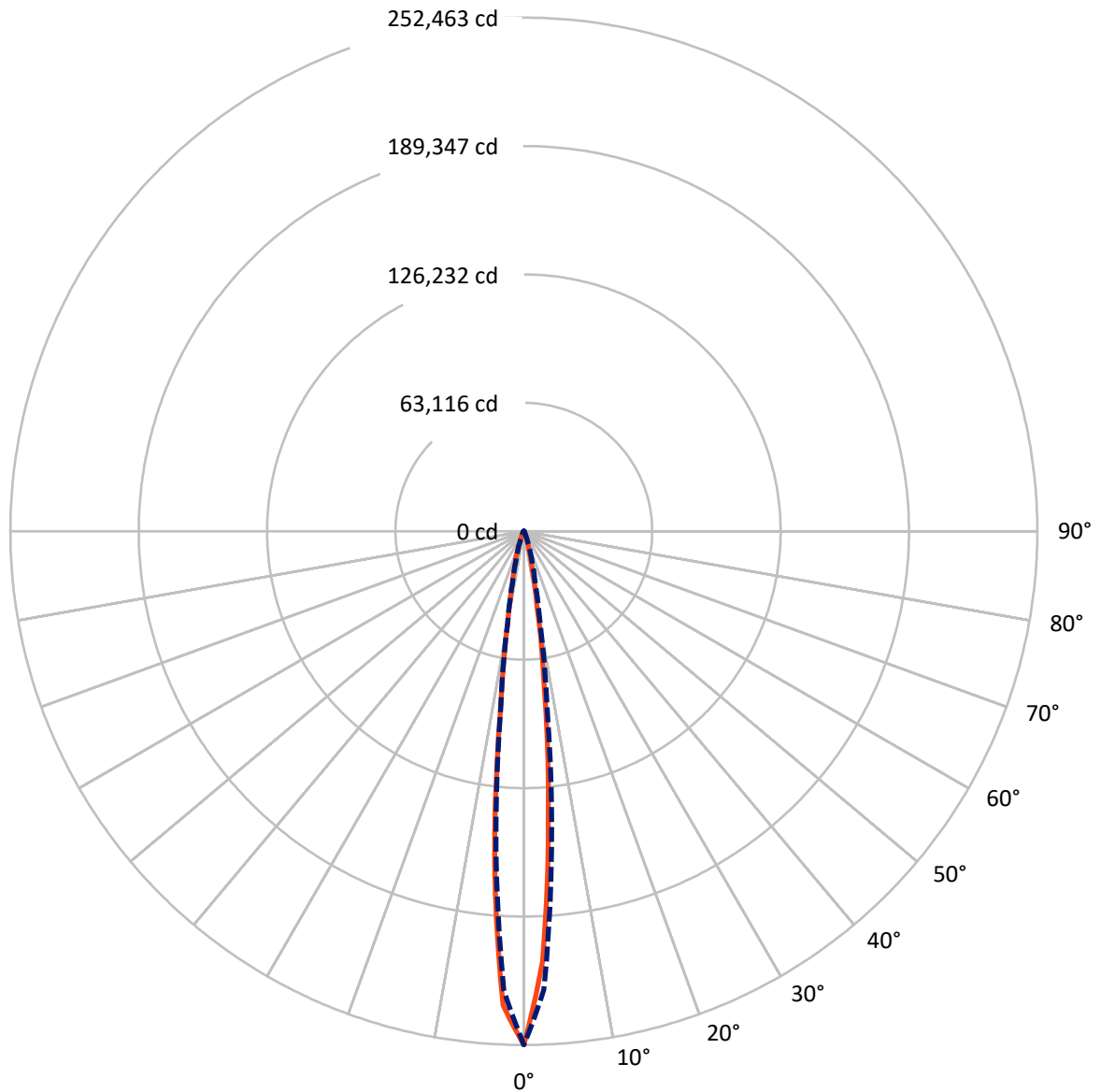
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Lumen Table

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	1.4	1.7	2.0	2.0	1.7	1.4	0.9	0.5	0.2	0.1				
50	0.1	0.1	0.6	1.4	2.5	3.6	4.7	5.5	5.5	4.7	3.6	2.5	1.4	0.6	0.1	0.1			
40		0.3	1.2	2.7	4.5	7.1	10.7	12.8	12.8	10.7	7.1	4.5	2.7	1.2	0.3				
30	0.2	0.5	1.9	3.9	7.1	12.2	23.5	38.0	38.0	23.5	12.2	7.1	3.9	1.9	0.5	0.2			
20		0.8	2.5	5.3	10.7	26.6	138.9	351.5	351.5	138.9	26.6	10.7	5.3	2.5	0.8				
10	0.3	1.0	3.0	6.2	13.1	54.0	447.5	2757.4	2757.4	447.5	54.0	13.1	6.2	3.0	1.0	0.3			
0		1.1	3.3	6.6	13.7	61.6	492.4	3036.7	3036.7	492.4	61.6	13.7	6.6	3.3	1.1				
-10	0.4	1.2	3.4	6.5	12.8	36.9	221.0	532.6	532.6	221.0	36.9	12.8	6.5	3.4	1.2	0.4			
-20		1.2	3.4	6.2	10.8	18.8	45.7	85.8	85.8	45.7	18.8	10.8	6.2	3.4	1.2				
-30	0.4	1.1	3.1	5.8	9.0	13.3	18.9	22.1	22.1	18.9	13.3	9.0	5.8	3.1	1.1	0.4			
-40		0.9	2.7	5.2	7.9	10.4	13.1	14.6	14.6	13.1	10.4	7.9	5.2	2.7	0.9				
-50	0.3	0.8	2.2	4.4	6.9	9.1	11.1	12.1	12.1	11.1	9.1	6.9	4.4	2.2	0.8	0.3			
-60		0.6	1.6	3.2	5.2	7.2	9.1	10.1	10.1	9.1	7.2	5.2	3.2	1.6	0.6				
-70	0.2	0.6	1.6	3.2	5.2	7.2	9.1	10.1	10.1	9.1	7.2	5.2	3.2	1.6	0.6	0.2			
-80		0.2	2.4	6.6	12.2	14.7	12.2	6.6	2.4	0.2									
-90	0.2	2.4	6.6	12.2	14.7	12.2	6.6	2.4	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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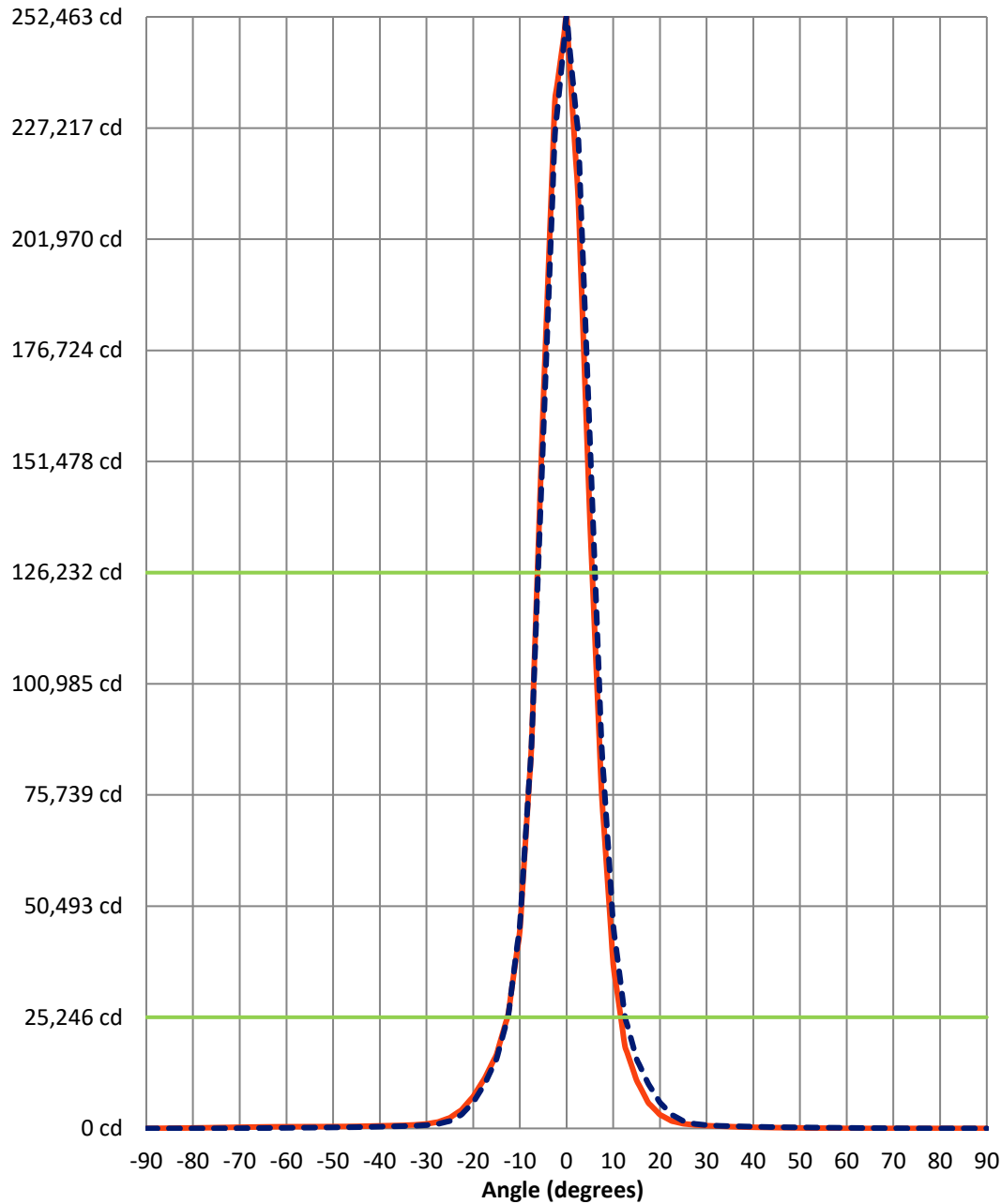
Luminous Intensity Polar Plot



— 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: 5516.9
 Efficiency: 31.3%

Field:
 H Angle: 25.1°
 V Angle: 24.3°
 Lumens: 12553
 Efficiency: 71.2%

Spill:
 Lumens: 5081.7
 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	3.2	3.2
85°	0.0	0.0	0.0	0.0	3.2	3.2	3.2	3.2	3.2	6.3	6.3
82.5°	0.0	0.0	0.0	0.0	3.2	3.2	3.2	3.2	6.3	6.3	6.3
80°	0.0	0.0	0.0	0.0	3.2	3.2	3.2	3.2	6.3	6.3	6.3
77.5°	0.0	0.0	0.0	0.0	3.2	3.2	3.2	3.2	3.2	3.2	6.3
75°	0.0	0.0	0.0	0.0	3.2	3.2	3.2	3.2	3.2	3.2	3.2
72.5°	0.0	0.0	0.0	0.0	3.2	3.2	3.2	3.2	3.2	3.2	3.2
70°	0.0	0.0	0.0	0.0	3.2	3.2	3.2	3.2	3.2	3.2	3.2
67.5°	0.0	0.0	0.0	0.0	3.2	3.2	3.2	3.2	3.2	3.2	3.2
65°	0.0	0.0	0.0	0.0	3.2	3.2	3.2	3.2	3.2	3.2	3.2
62.5°	0.0	0.0	0.0	0.0	3.2	3.2	3.2	3.2	3.2	3.2	3.2
60°	6.3	6.3	6.3	6.3	9.5	9.5	12.6	12.6	12.6	6.3	12.6
57.5°	50.5	50.5	47.4	44.2	41.1	37.9	37.9	37.9	37.9	37.9	31.6
55°	69.5	69.5	69.5	66.3	66.3	63.2	60.0	56.9	56.9	53.7	50.5
52.5°	82.1	82.1	82.1	82.1	79.0	79.0	79.0	75.8	69.5	69.5	66.3
50°	116.9	113.7	113.7	113.7	113.7	107.4	104.3	97.9	94.8	91.6	88.5
47.5°	151.6	151.6	148.5	148.5	145.3	139.0	132.7	126.4	120.1	116.9	110.6
45°	180.1	180.1	176.9	176.9	173.8	167.4	158.0	148.5	142.2	135.9	129.5
42.5°	221.2	218.0	214.8	211.7	205.4	195.9	183.2	170.6	161.1	151.6	145.3
40°	265.4	265.4	262.2	259.1	249.6	240.1	224.3	208.5	192.7	173.8	164.3
37.5°	319.1	322.2	325.4	325.4	319.1	306.5	284.3	265.4	240.1	214.8	202.2
35°	417.0	417.0	423.3	423.3	413.9	398.1	382.3	341.2	309.6	278.0	249.6
32.5°	524.4	527.6	515.0	505.5	492.9	473.9	445.5	410.7	376.0	334.9	303.3
30°	628.7	628.7	612.9	593.9	568.7	537.1	502.3	464.4	423.3	382.3	344.4
27.5°	793.0	777.2	764.6	733.0	688.7	628.7	584.5	524.4	470.7	423.3	382.3
25°	1064.7	1061.5	1033.1	979.4	890.9	796.1	723.5	622.4	540.2	467.6	420.2
22.5°	1693.4	1671.3	1604.9	1472.2	1263.7	1099.4	951.0	793.0	644.5	546.6	470.7
20°	3130.9	3058.2	2881.3	2514.8	2047.2	1725.0	1355.3	1090.0	840.4	657.1	543.4
17.5°	5841.6	5794.2	5727.8	4881.1	3930.2	3247.8	2416.9	1671.3	1194.2	859.3	644.5
15°	10950.1	10599.5	9866.5	8852.4	7522.3	5813.1	4274.5	2698.0	1706.0	1143.7	818.3
12.5°	18718.9	18330.3	16437.9	13900.9	11509.3	9076.7	6372.3	4100.8	2429.5	1453.3	969.9
10°	37298.7	34477.5	29179.3	21777.1	16997.1	12675.1	8947.1	5595.1	3162.5	1835.6	1150.0
7.5°	76395.1	67176.3	51765.2	36543.7	23653.7	16624.3	11427.2	7316.9	4214.5	2296.8	1314.3
5°	138462.8	122107.1	91992.6	55392.1	34348.0	20835.6	13559.7	8700.7	4988.5	2672.8	1478.6
2.5°	211423.8	190265.9	132997.2	76167.7	42353.6	24096.0	15050.9	9610.6	5481.4	2928.7	1604.9
0°	252463.1	225514.3	156625.7	87203.1	46166.9	25479.8	15780.7	10157.2	5898.4	3137.2	1687.1
-2.5°	233213.5	211518.6	143941.0	81004.6	44116.5	24873.2	15885.0	10293.0	5967.9	3194.1	1725.0
-5°	164369.1	146563.3	99597.1	59777.2	37431.4	22911.3	14987.7	9781.2	5775.2	3111.9	1709.2
-7.5°	86959.8	78903.6	59066.3	42953.9	27321.7	19391.8	13493.4	8874.5	5276.0	2890.8	1614.4
-10°	44928.5	43276.1	37292.4	28111.5	22108.8	16245.1	11515.7	7588.6	4410.4	2489.5	1453.3
-12.5°	25903.1	25622.0	23697.9	20342.8	16952.8	13344.9	9449.5	6189.1	3680.6	2063.0	1225.8
-15°	16772.7	16892.8	16223.0	14826.6	12896.3	9986.6	7260.1	4603.1	2723.3	1671.3	1080.5
-17.5°	11446.2	11414.6	11101.8	10144.5	8590.1	6745.1	4811.6	3250.9	2063.0	1301.6	897.2
-20°	7241.1	7253.8	6963.1	6302.8	5159.1	4157.6	2995.0	2192.6	1462.8	1023.6	793.0



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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°	4201.9	4211.4	4028.1	3655.3	3055.0	2464.3	1946.1	1450.1	1077.3	853.0	695.0
-25°	2413.7	2375.8	2303.1	2123.1	1841.9	1519.6	1292.2	1020.5	862.5	723.5	635.0
-27.5°	1462.8	1437.5	1399.6	1320.6	1210.0	1048.9	944.6	824.6	733.0	650.8	597.1
-30°	1020.5	1029.9	998.3	957.3	906.7	834.1	777.2	720.3	660.3	609.7	559.2
-32.5°	811.9	818.3	802.5	786.7	761.4	733.0	698.2	657.1	609.7	562.4	515.0
-35°	698.2	701.4	701.4	698.2	691.9	669.8	644.5	606.6	562.4	518.1	477.1
-37.5°	641.3	644.5	644.5	641.3	631.9	612.9	587.6	556.0	515.0	473.9	442.3
-40°	581.3	584.5	581.3	575.0	565.5	546.6	527.6	502.3	470.7	436.0	407.6
-42.5°	524.4	521.3	518.1	511.8	502.3	489.7	473.9	454.9	432.8	407.6	385.4
-45°	470.7	470.7	467.6	464.4	458.1	448.6	439.1	423.3	407.6	388.6	369.6
-47.5°	442.3	442.3	439.1	436.0	432.8	426.5	417.0	404.4	391.8	376.0	360.2
-50°	423.3	423.3	423.3	420.2	417.0	410.7	401.2	391.8	379.1	363.3	347.5
-52.5°	410.7	410.7	410.7	407.6	404.4	401.2	391.8	379.1	363.3	350.7	338.0
-55°	404.4	401.2	401.2	398.1	394.9	391.8	379.1	366.5	353.8	341.2	328.6
-57.5°	394.9	391.8	391.8	388.6	385.4	382.3	369.6	357.0	344.4	328.6	319.1
-60°	385.4	382.3	382.3	376.0	372.8	369.6	357.0	344.4	331.7	319.1	306.5
-62.5°	372.8	369.6	366.5	363.3	357.0	350.7	341.2	328.6	312.8	300.1	287.5
-65°	344.4	341.2	338.0	334.9	331.7	328.6	319.1	303.3	290.7	278.0	265.4
-67.5°	309.6	309.6	309.6	303.3	300.1	293.8	287.5	274.9	262.2	249.6	240.1
-70°	268.5	268.5	268.5	262.2	259.1	255.9	246.4	236.9	227.5	218.0	205.4
-72.5°	227.5	224.3	224.3	221.2	214.8	211.7	205.4	199.0	189.6	183.2	173.8
-75°	186.4	183.2	183.2	180.1	176.9	173.8	167.4	164.3	158.0	151.6	142.2
-77.5°	148.5	148.5	148.5	145.3	142.2	139.0	135.9	132.7	129.5	123.2	116.9
-80°	113.7	113.7	113.7	113.7	113.7	113.7	113.7	110.6	104.3	101.1	97.9
-82.5°	82.1	85.3	85.3	85.3	85.3	85.3	85.3	85.3	82.1	79.0	75.8
-85°	53.7	56.9	56.9	60.0	63.2	63.2	66.3	63.2	60.0	53.7	50.5
-87.5°	28.4	28.4	28.4	28.4	28.4	28.4	28.4	25.3	25.3	25.3	22.1
-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°	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	6.3	6.3	6.3
85°	6.3	6.3	6.3	6.3	9.5	9.5	9.5	12.6	12.6	12.6	12.6
82.5°	6.3	9.5	9.5	9.5	12.6	12.6	15.8	19.0	25.3	28.4	28.4
80°	6.3	9.5	9.5	9.5	12.6	12.6	15.8	15.8	19.0	22.1	28.4
77.5°	6.3	6.3	9.5	9.5	9.5	12.6	12.6	15.8	15.8	19.0	22.1
75°	3.2	6.3	6.3	6.3	9.5	9.5	12.6	12.6	15.8	15.8	19.0
72.5°	3.2	6.3	6.3	6.3	9.5	9.5	12.6	12.6	12.6	15.8	15.8
70°	3.2	6.3	6.3	6.3	6.3	9.5	9.5	9.5	12.6	12.6	12.6
67.5°	3.2	3.2	3.2	6.3	6.3	6.3	6.3	9.5	9.5	9.5	12.6
65°	3.2	3.2	3.2	3.2	6.3	6.3	6.3	6.3	9.5	9.5	9.5
62.5°	3.2	3.2	3.2	6.3	6.3	6.3	6.3	6.3	9.5	9.5	9.5
60°	12.6	12.6	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5
57.5°	28.4	28.4	25.3	22.1	19.0	19.0	15.8	12.6	12.6	9.5	9.5
55°	47.4	44.2	41.1	34.8	31.6	28.4	25.3	19.0	15.8	12.6	9.5
52.5°	60.0	56.9	53.7	50.5	44.2	37.9	34.8	31.6	25.3	19.0	15.8
50°	88.5	79.0	72.7	66.3	60.0	53.7	47.4	44.2	34.8	28.4	22.1
47.5°	107.4	101.1	91.6	85.3	79.0	69.5	60.0	53.7	47.4	37.9	28.4
45°	123.2	116.9	107.4	101.1	94.8	85.3	75.8	66.3	60.0	50.5	37.9
42.5°	139.0	132.7	123.2	116.9	107.4	97.9	88.5	79.0	69.5	63.2	50.5
40°	161.1	151.6	139.0	132.7	126.4	113.7	101.1	91.6	82.1	72.7	60.0
37.5°	189.6	180.1	164.3	151.6	142.2	132.7	120.1	107.4	97.9	85.3	72.7
35°	233.8	218.0	195.9	176.9	164.3	151.6	135.9	123.2	110.6	97.9	85.3
32.5°	278.0	252.7	224.3	202.2	183.2	167.4	151.6	139.0	123.2	107.4	94.8
30°	312.8	284.3	255.9	224.3	202.2	183.2	167.4	151.6	135.9	120.1	104.3
27.5°	347.5	315.9	284.3	252.7	221.2	195.9	180.1	164.3	148.5	132.7	113.7
25°	382.3	347.5	315.9	281.2	243.3	214.8	192.7	180.1	164.3	145.3	123.2
22.5°	413.9	382.3	350.7	312.8	268.5	230.6	208.5	192.7	176.9	154.8	135.9
20°	473.9	432.8	394.9	347.5	297.0	259.1	230.6	208.5	189.6	167.4	145.3
17.5°	552.9	492.9	442.3	388.6	338.0	290.7	249.6	224.3	205.4	180.1	154.8
15°	654.0	549.7	486.5	432.8	372.8	319.1	274.9	240.1	214.8	189.6	167.4
12.5°	729.8	593.9	524.4	473.9	410.7	350.7	293.8	252.7	224.3	199.0	173.8
10°	815.1	641.3	556.0	499.2	432.8	366.5	306.5	262.2	230.6	208.5	183.2
7.5°	884.6	679.3	571.8	508.6	445.5	379.1	319.1	271.7	240.1	214.8	189.6
5°	947.8	710.8	584.5	511.8	451.8	388.6	325.4	278.0	246.4	221.2	195.9
2.5°	992.0	739.3	597.1	518.1	458.1	394.9	334.9	284.3	252.7	227.5	202.2
0°	1029.9	748.8	593.9	518.1	461.3	394.9	338.0	287.5	255.9	230.6	205.4
-2.5°	1042.6	764.6	609.7	524.4	467.6	401.2	344.4	290.7	259.1	233.8	211.7
-5°	1042.6	751.9	609.7	530.8	470.7	404.4	344.4	293.8	262.2	236.9	211.7
-7.5°	1004.7	733.0	606.6	537.1	473.9	407.6	344.4	297.0	265.4	240.1	214.8
-10°	938.3	704.5	603.4	540.2	473.9	404.4	344.4	297.0	265.4	240.1	218.0
-12.5°	830.9	666.6	587.6	533.9	467.6	398.1	341.2	297.0	265.4	243.3	218.0
-15°	777.2	635.0	568.7	515.0	451.8	388.6	334.9	293.8	265.4	243.3	221.2
-17.5°	704.5	609.7	549.7	496.0	439.1	379.1	328.6	293.8	265.4	240.1	221.2
-20°	654.0	581.3	527.6	480.2	423.3	369.6	325.4	290.7	265.4	240.1	221.2



REPORT NUMBER: P724170
 CATALOG NUMBER: IFLD-M-SA4A-750-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°	609.7	549.7	502.3	454.9	404.4	357.0	319.1	287.5	262.2	240.1	221.2
-25°	575.0	521.3	477.1	432.8	388.6	347.5	312.8	284.3	259.1	240.1	218.0
-27.5°	543.4	492.9	451.8	410.7	369.6	338.0	306.5	281.2	259.1	236.9	214.8
-30°	508.6	467.6	426.5	388.6	360.2	328.6	300.1	274.9	255.9	233.8	211.7
-32.5°	473.9	436.0	401.2	372.8	347.5	322.2	297.0	271.7	249.6	227.5	205.4
-35°	442.3	407.6	382.3	357.0	338.0	315.9	290.7	265.4	246.4	224.3	205.4
-37.5°	410.7	385.4	363.3	344.4	325.4	306.5	281.2	259.1	240.1	218.0	195.9
-40°	385.4	366.5	350.7	334.9	315.9	293.8	274.9	252.7	233.8	211.7	186.4
-42.5°	369.6	353.8	338.0	322.2	306.5	287.5	268.5	246.4	227.5	205.4	180.1
-45°	353.8	341.2	328.6	315.9	300.1	281.2	259.1	236.9	218.0	195.9	176.9
-47.5°	344.4	331.7	319.1	309.6	297.0	271.7	252.7	230.6	208.5	189.6	167.4
-50°	334.9	322.2	312.8	300.1	284.3	262.2	243.3	221.2	202.2	180.1	161.1
-52.5°	325.4	312.8	300.1	287.5	271.7	252.7	233.8	214.8	192.7	170.6	151.6
-55°	315.9	303.3	290.7	278.0	262.2	246.4	227.5	202.2	180.1	158.0	139.0
-57.5°	306.5	297.0	281.2	265.4	249.6	233.8	211.7	189.6	167.4	145.3	129.5
-60°	293.8	281.2	268.5	249.6	233.8	214.8	195.9	176.9	154.8	135.9	120.1
-62.5°	274.9	262.2	249.6	230.6	214.8	199.0	183.2	161.1	145.3	126.4	110.6
-65°	252.7	240.1	227.5	211.7	195.9	180.1	167.4	148.5	132.7	116.9	104.3
-67.5°	227.5	214.8	205.4	189.6	176.9	161.1	148.5	132.7	116.9	104.3	91.6
-70°	195.9	186.4	176.9	164.3	151.6	139.0	126.4	113.7	101.1	91.6	79.0
-72.5°	167.4	158.0	148.5	139.0	129.5	116.9	107.4	97.9	88.5	79.0	72.7
-75°	135.9	129.5	123.2	116.9	107.4	97.9	91.6	82.1	75.8	69.5	66.3
-77.5°	113.7	107.4	101.1	94.8	88.5	82.1	75.8	69.5	66.3	63.2	60.0
-80°	91.6	88.5	85.3	79.0	75.8	69.5	66.3	60.0	60.0	60.0	60.0
-82.5°	72.7	69.5	66.3	63.2	60.0	56.9	56.9	53.7	56.9	56.9	53.7
-85°	50.5	47.4	44.2	44.2	41.1	41.1	37.9	37.9	37.9	34.8	34.8
-87.5°	22.1	22.1	22.1	22.1	19.0	19.0	19.0	19.0	19.0	15.8	15.8
-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: P724170
 CATALOG NUMBER: IFLD-M-SA4A-750-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°	6.3	6.3	3.2	3.2	3.2	3.2	3.2	3.2	3.2	0.0	0.0
85°	12.6	12.6	9.5	9.5	9.5	6.3	6.3	3.2	3.2	3.2	3.2
82.5°	28.4	25.3	22.1	19.0	15.8	12.6	9.5	6.3	6.3	3.2	3.2
80°	34.8	34.8	34.8	31.6	25.3	19.0	12.6	9.5	6.3	3.2	3.2
77.5°	25.3	25.3	28.4	31.6	31.6	25.3	15.8	9.5	6.3	6.3	3.2
75°	19.0	19.0	19.0	22.1	25.3	25.3	19.0	12.6	6.3	6.3	3.2
72.5°	19.0	19.0	19.0	19.0	19.0	19.0	19.0	12.6	9.5	6.3	6.3
70°	15.8	15.8	15.8	15.8	15.8	15.8	15.8	12.6	9.5	6.3	6.3
67.5°	12.6	12.6	15.8	15.8	15.8	12.6	12.6	12.6	9.5	6.3	6.3
65°	9.5	12.6	12.6	15.8	12.6	12.6	12.6	9.5	9.5	6.3	6.3
62.5°	9.5	9.5	12.6	12.6	12.6	12.6	9.5	9.5	9.5	6.3	6.3
60°	9.5	9.5	9.5	12.6	9.5	9.5	9.5	9.5	9.5	6.3	6.3
57.5°	9.5	9.5	9.5	9.5	9.5	9.5	9.5	6.3	6.3	6.3	6.3
55°	9.5	9.5	9.5	9.5	9.5	9.5	6.3	6.3	6.3	6.3	6.3
52.5°	12.6	9.5	9.5	9.5	9.5	9.5	6.3	6.3	6.3	6.3	6.3
50°	15.8	9.5	9.5	9.5	9.5	6.3	6.3	6.3	6.3	6.3	6.3
47.5°	22.1	15.8	12.6	9.5	9.5	6.3	6.3	6.3	6.3	6.3	3.2
45°	31.6	22.1	15.8	12.6	9.5	6.3	6.3	6.3	6.3	6.3	3.2
42.5°	37.9	28.4	19.0	15.8	12.6	9.5	6.3	6.3	6.3	3.2	3.2
40°	47.4	37.9	25.3	19.0	12.6	9.5	6.3	6.3	6.3	3.2	3.2
37.5°	60.0	47.4	31.6	22.1	15.8	9.5	9.5	6.3	6.3	3.2	3.2
35°	69.5	53.7	41.1	25.3	19.0	12.6	9.5	6.3	6.3	3.2	3.2
32.5°	79.0	63.2	50.5	31.6	22.1	15.8	12.6	6.3	6.3	3.2	3.2
30°	88.5	72.7	56.9	41.1	28.4	19.0	12.6	6.3	6.3	3.2	3.2
27.5°	97.9	79.0	63.2	47.4	31.6	22.1	15.8	9.5	6.3	3.2	3.2
25°	107.4	88.5	69.5	53.7	34.8	25.3	15.8	9.5	6.3	6.3	3.2
22.5°	113.7	97.9	79.0	60.0	41.1	28.4	19.0	12.6	6.3	6.3	3.2
20°	123.2	107.4	85.3	66.3	47.4	31.6	19.0	12.6	6.3	6.3	3.2
17.5°	132.7	113.7	91.6	72.7	53.7	34.8	22.1	15.8	6.3	6.3	3.2
15°	142.2	120.1	97.9	75.8	56.9	37.9	22.1	15.8	6.3	6.3	3.2
12.5°	151.6	129.5	104.3	82.1	60.0	41.1	25.3	19.0	9.5	6.3	3.2
10°	158.0	135.9	110.6	85.3	63.2	47.4	28.4	19.0	9.5	6.3	3.2
7.5°	167.4	142.2	116.9	91.6	66.3	50.5	31.6	19.0	9.5	6.3	3.2
5°	170.6	148.5	120.1	97.9	69.5	53.7	34.8	22.1	9.5	6.3	3.2
2.5°	173.8	154.8	123.2	101.1	72.7	53.7	34.8	22.1	12.6	6.3	3.2
0°	176.9	158.0	126.4	104.3	75.8	56.9	37.9	22.1	12.6	6.3	3.2
-2.5°	180.1	161.1	132.7	107.4	79.0	60.0	41.1	22.1	12.6	6.3	3.2
-5°	183.2	161.1	139.0	110.6	82.1	60.0	41.1	25.3	15.8	6.3	3.2
-7.5°	186.4	164.3	142.2	113.7	85.3	60.0	44.2	25.3	15.8	9.5	3.2
-10°	189.6	167.4	145.3	116.9	85.3	63.2	44.2	25.3	15.8	9.5	3.2
-12.5°	192.7	170.6	145.3	116.9	88.5	63.2	44.2	28.4	15.8	9.5	3.2
-15°	195.9	170.6	145.3	116.9	88.5	66.3	47.4	28.4	15.8	9.5	6.3
-17.5°	195.9	170.6	145.3	120.1	88.5	66.3	47.4	28.4	15.8	9.5	6.3
-20°	195.9	170.6	145.3	120.1	88.5	66.3	47.4	28.4	15.8	9.5	6.3



REPORT NUMBER: P724170
 CATALOG NUMBER: IFLD-M-SA4A-750-U-22-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	192.7	167.4	145.3	116.9	88.5	66.3	47.4	28.4	19.0	9.5	6.3
-25°	192.7	167.4	145.3	116.9	88.5	66.3	44.2	28.4	19.0	9.5	6.3
-27.5°	189.6	167.4	142.2	113.7	85.3	63.2	44.2	28.4	19.0	9.5	6.3
-30°	186.4	164.3	139.0	110.6	85.3	63.2	44.2	28.4	19.0	9.5	6.3
-32.5°	183.2	158.0	135.9	107.4	82.1	60.0	44.2	28.4	19.0	9.5	6.3
-35°	176.9	154.8	129.5	104.3	79.0	60.0	41.1	28.4	19.0	12.6	6.3
-37.5°	170.6	148.5	126.4	101.1	75.8	56.9	41.1	28.4	19.0	12.6	6.3
-40°	164.3	145.3	120.1	94.8	72.7	53.7	41.1	28.4	19.0	12.6	9.5
-42.5°	158.0	139.0	116.9	91.6	72.7	53.7	37.9	28.4	19.0	12.6	9.5
-45°	154.8	135.9	110.6	88.5	69.5	53.7	37.9	25.3	19.0	12.6	9.5
-47.5°	148.5	126.4	104.3	85.3	66.3	50.5	34.8	25.3	19.0	12.6	9.5
-50°	139.0	120.1	101.1	82.1	63.2	47.4	34.8	25.3	19.0	12.6	9.5
-52.5°	129.5	110.6	94.8	75.8	60.0	47.4	34.8	25.3	19.0	12.6	9.5
-55°	120.1	104.3	88.5	72.7	56.9	44.2	31.6	25.3	19.0	12.6	9.5
-57.5°	113.7	97.9	82.1	66.3	53.7	41.1	31.6	22.1	15.8	12.6	9.5
-60°	107.4	91.6	75.8	63.2	50.5	41.1	31.6	22.1	15.8	12.6	6.3
-62.5°	97.9	85.3	69.5	60.0	47.4	37.9	28.4	22.1	15.8	12.6	6.3
-65°	88.5	75.8	63.2	53.7	44.2	34.8	28.4	22.1	15.8	12.6	6.3
-67.5°	79.0	69.5	60.0	50.5	41.1	34.8	28.4	22.1	15.8	9.5	6.3
-70°	72.7	63.2	53.7	47.4	41.1	31.6	28.4	22.1	15.8	9.5	6.3
-72.5°	63.2	56.9	50.5	44.2	37.9	34.8	28.4	22.1	12.6	9.5	6.3
-75°	60.0	53.7	47.4	44.2	41.1	34.8	28.4	19.0	12.6	9.5	6.3
-77.5°	60.0	53.7	50.5	47.4	41.1	34.8	25.3	15.8	9.5	9.5	6.3
-80°	60.0	56.9	53.7	44.2	37.9	28.4	19.0	15.8	9.5	6.3	3.2
-82.5°	53.7	44.2	37.9	31.6	28.4	22.1	15.8	12.6	6.3	6.3	3.2
-85°	34.8	28.4	25.3	22.1	19.0	15.8	9.5	6.3	6.3	3.2	3.2
-87.5°	15.8	15.8	12.6	9.5	9.5	6.3	6.3	3.2	3.2	3.2	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: P724170
 CATALOG NUMBER: IFLD-M-SA4A-750-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°	3.2	0.0	0.0	0.0
77.5°	3.2	0.0	0.0	0.0
75°	3.2	3.2	0.0	0.0
72.5°	3.2	3.2	0.0	0.0
70°	3.2	3.2	0.0	0.0
67.5°	3.2	3.2	0.0	0.0
65°	3.2	3.2	0.0	0.0
62.5°	3.2	3.2	0.0	0.0
60°	3.2	3.2	0.0	0.0
57.5°	3.2	3.2	3.2	0.0
55°	3.2	3.2	3.2	0.0
52.5°	3.2	3.2	3.2	0.0
50°	3.2	3.2	3.2	0.0
47.5°	3.2	3.2	3.2	0.0
45°	3.2	3.2	3.2	0.0
42.5°	3.2	3.2	3.2	0.0
40°	3.2	3.2	3.2	0.0
37.5°	3.2	3.2	3.2	0.0
35°	3.2	3.2	3.2	0.0
32.5°	3.2	3.2	3.2	0.0
30°	3.2	3.2	3.2	0.0
27.5°	3.2	3.2	3.2	0.0
25°	3.2	3.2	3.2	0.0
22.5°	3.2	3.2	3.2	0.0
20°	3.2	3.2	3.2	0.0
17.5°	3.2	3.2	3.2	0.0
15°	3.2	3.2	3.2	0.0
12.5°	3.2	3.2	3.2	0.0
10°	3.2	3.2	3.2	0.0
7.5°	3.2	3.2	3.2	0.0
5°	3.2	3.2	3.2	0.0
2.5°	3.2	3.2	3.2	0.0
0°	3.2	3.2	3.2	0.0
-2.5°	3.2	3.2	3.2	0.0
-5°	3.2	3.2	3.2	0.0
-7.5°	3.2	3.2	3.2	0.0
-10°	3.2	3.2	3.2	0.0
-12.5°	3.2	3.2	3.2	0.0
-15°	3.2	3.2	3.2	0.0
-17.5°	3.2	3.2	3.2	0.0
-20°	3.2	3.2	3.2	0.0



REPORT NUMBER: P724170
CATALOG NUMBER: IFLD-M-SA4A-750-U-22-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	3.2	3.2	3.2	0.0
-25°	3.2	3.2	3.2	0.0
-27.5°	3.2	3.2	3.2	0.0
-30°	3.2	3.2	3.2	0.0
-32.5°	3.2	3.2	3.2	0.0
-35°	3.2	3.2	3.2	0.0
-37.5°	3.2	3.2	3.2	0.0
-40°	3.2	3.2	3.2	0.0
-42.5°	3.2	3.2	3.2	0.0
-45°	3.2	3.2	3.2	0.0
-47.5°	3.2	3.2	3.2	0.0
-50°	3.2	3.2	3.2	0.0
-52.5°	3.2	3.2	3.2	0.0
-55°	3.2	3.2	3.2	0.0
-57.5°	3.2	3.2	3.2	0.0
-60°	3.2	3.2	0.0	0.0
-62.5°	3.2	3.2	0.0	0.0
-65°	3.2	3.2	0.0	0.0
-67.5°	3.2	3.2	0.0	0.0
-70°	3.2	3.2	0.0	0.0
-72.5°	3.2	3.2	0.0	0.0
-75°	3.2	3.2	0.0	0.0
-77.5°	3.2	0.0	0.0	0.0
-80°	3.2	0.0	0.0	0.0
-82.5°	3.2	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)