

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: P724142

Luminaire Tested: **IFLD-M-SA4B-740-U-22-VI**

Issue Date: 01/11/2023

Test Information

Test Method: LM-79-2019
Report Number: P724142
Test Lab: INNOVATION CENTER(G2)
Issue Date: 01/11/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-M-SA4B-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

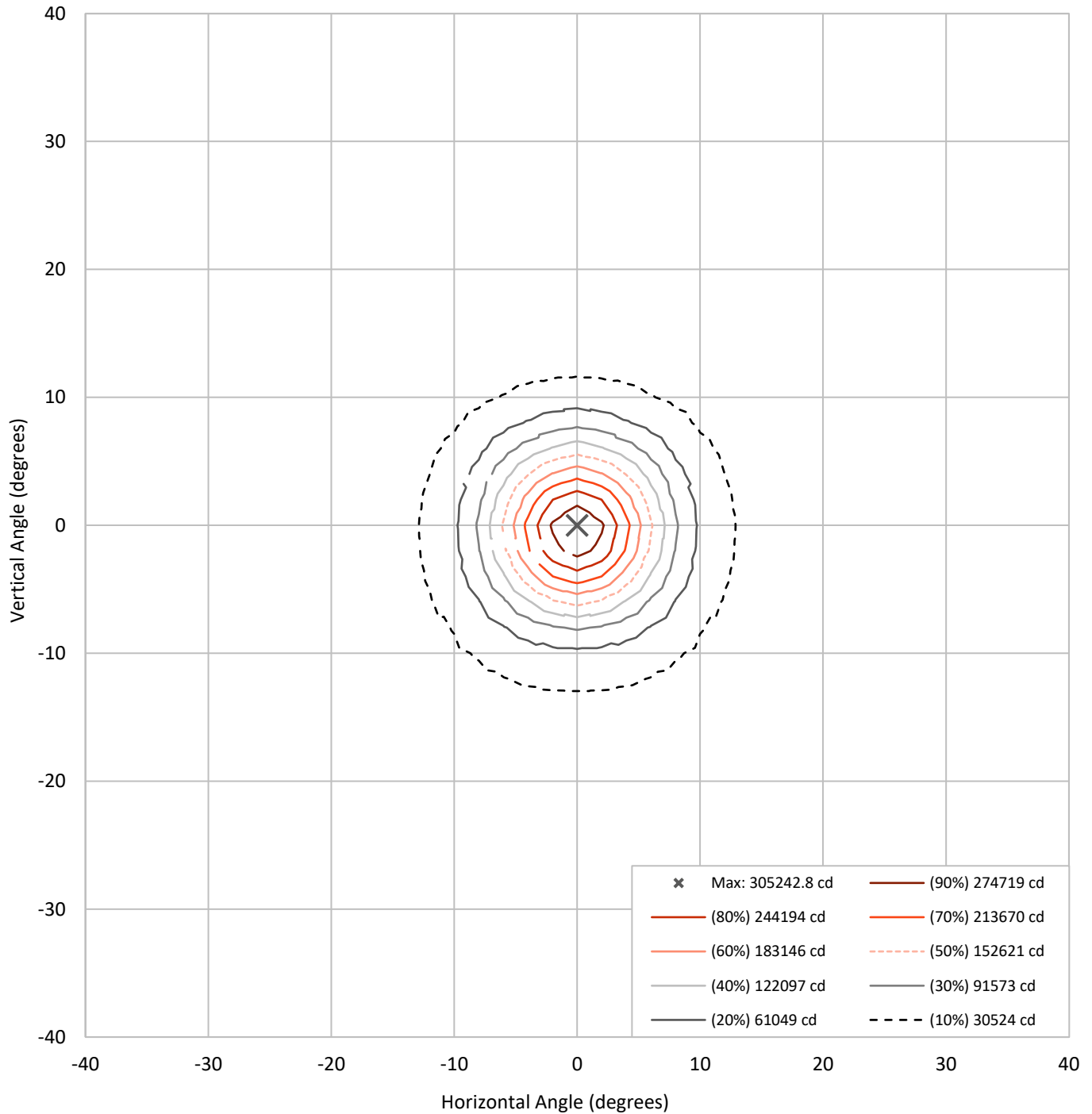
Lumens per Lamp:	N/A	NEMA Type:	2H x 2V
Luminaire Lumens:	21321.3 lumens	Max Intensity:	305242.8 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	128.4 lumens/watt		
Luminous Opening:	Rectangular (W 2' x L: 0.5' x H: 0')		
Beam Angle (50%):	12.2°H x 11.7°V	Field Angle (10%):	25.1°H x 24.3°V
Beam Lumens:	6670.3 lumens	Field Lumens:	15177.3 lumens
Beam Efficiency:	31.3%	Field Efficiency:	71.2%

Input Watts (W): 166.1
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



REPORT NUMBER: P724142
CATALOG NUMBER: IFLD-M-SA4B-740-U-22-VI

Iso-Candela Plot





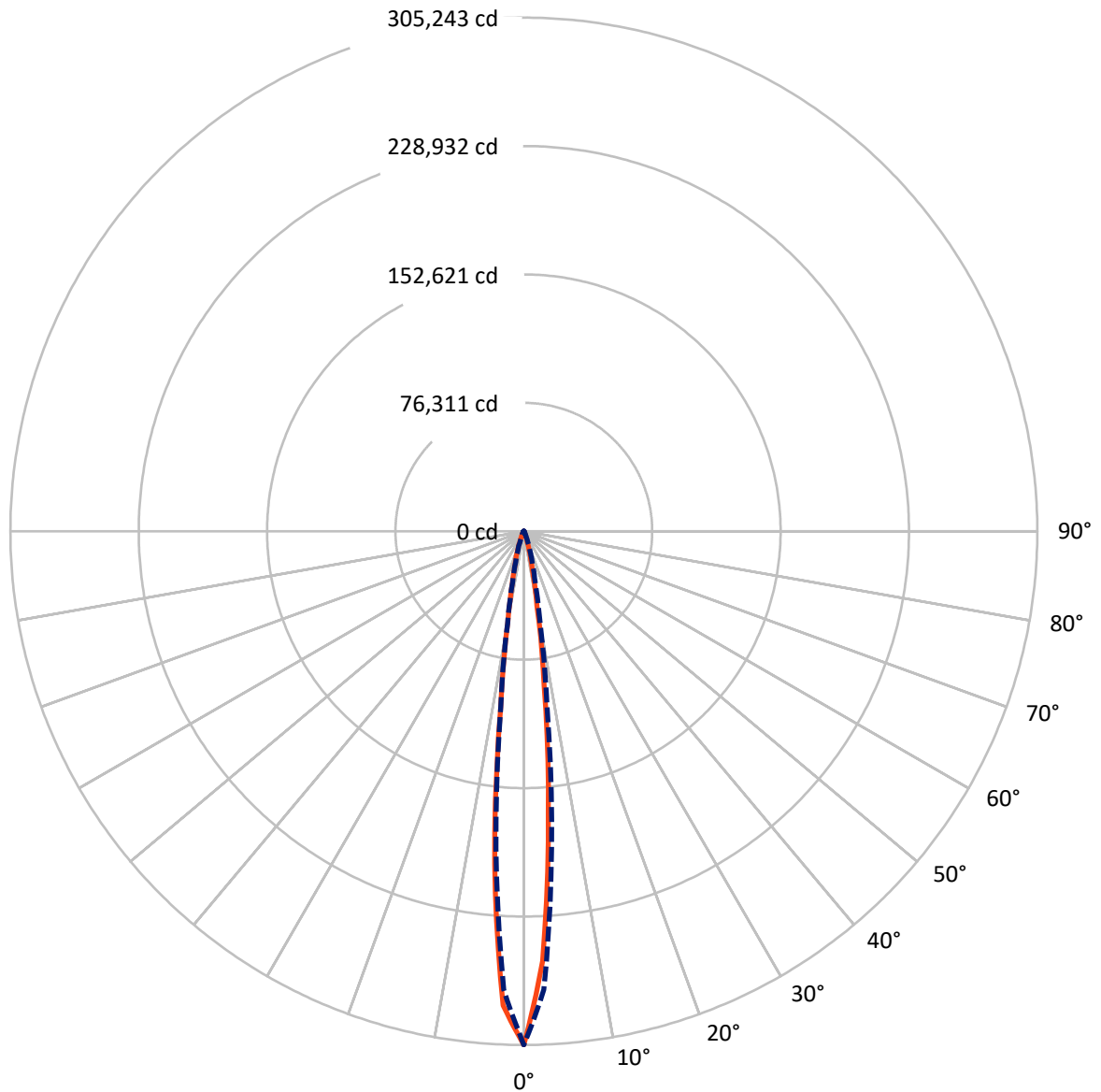
REPORT NUMBER: P724142
 CATALOG NUMBER: IFLD-M-SA4B-740-U-22-VI

Lumen Table

90	0.1	1.3		1.1		0.5		0.0		0.5		1.1		1.3		0.1
80	0.1	1.3		1.1		0.5		0.0		0.5		1.1		1.3		0.1
70	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.0	0.0	0.1	0.1	0.2	0.2	0.2	0.2	0.2
60		0.1	0.2	0.6	1.1	1.7	2.1	2.4	2.4	2.1	1.7	1.1	0.6	0.2	0.1	
50	0.1	0.2	0.7	1.8	3.0	4.3	5.7	6.7	6.7	5.7	4.3	3.0	1.8	0.7	0.2	0.1
40		0.3	1.5	3.2	5.4	8.6	13.0	15.5	15.5	13.0	8.6	5.4	3.2	1.5	0.3	
30	0.2	0.6	2.3	4.7	8.6	14.7	28.4	45.9	45.9	28.4	14.7	8.6	4.7	2.3	0.6	0.2
20		0.9	3.1	6.4	13.0	32.2	168.0	425.0	425.0	168.0	32.2	13.0	6.4	3.1	0.9	
10	0.3	1.2	3.6	7.5	15.8	65.3	541.0	3333.9	3333.9	541.0	65.3	15.8	7.5	3.6	1.2	0.3
0		1.4	4.0	8.0	16.5	74.4	595.3	3671.5	3671.5	595.3	74.4	16.5	8.0	4.0	1.4	
-10	0.4	1.5	4.1	7.9	15.5	44.6	267.2	643.9	643.9	267.2	44.6	15.5	7.9	4.1	1.5	0.4
-20		1.5	4.1	7.5	13.1	22.7	55.2	103.7	103.7	55.2	22.7	13.1	7.5	4.1	1.5	
-30	0.4	1.3	3.8	7.0	10.9	16.1	22.8	26.8	26.8	22.8	16.1	10.9	7.0	3.8	1.3	0.4
-40		1.1	3.3	6.2	9.5	12.5	15.9	17.6	17.6	15.9	12.5	9.5	6.2	3.3	1.1	
-50	0.4	0.9	2.6	5.3	8.3	11.0	13.4	14.7	14.7	13.4	11.0	8.3	5.3	2.6	0.9	0.4
-60		0.7	1.9	3.9	6.3	8.7	11.0	12.2	12.2	11.0	8.7	6.3	3.9	1.9	0.7	
-70	0.4	0.9	2.6	5.3	8.3	11.0	13.4	14.7	14.7	13.4	11.0	8.3	5.3	2.6	0.9	0.4
-80		0.7	1.9	3.9	6.3	8.7	11.0	12.2	12.2	11.0	8.7	6.3	3.9	1.9	0.7	
-90	0.2	2.9		8.0		14.7		17.8		14.7		8.0		2.9		0.2

REPORT NUMBER: P724142
CATALOG NUMBER: IFLD-M-SA4B-740-U-22-VI

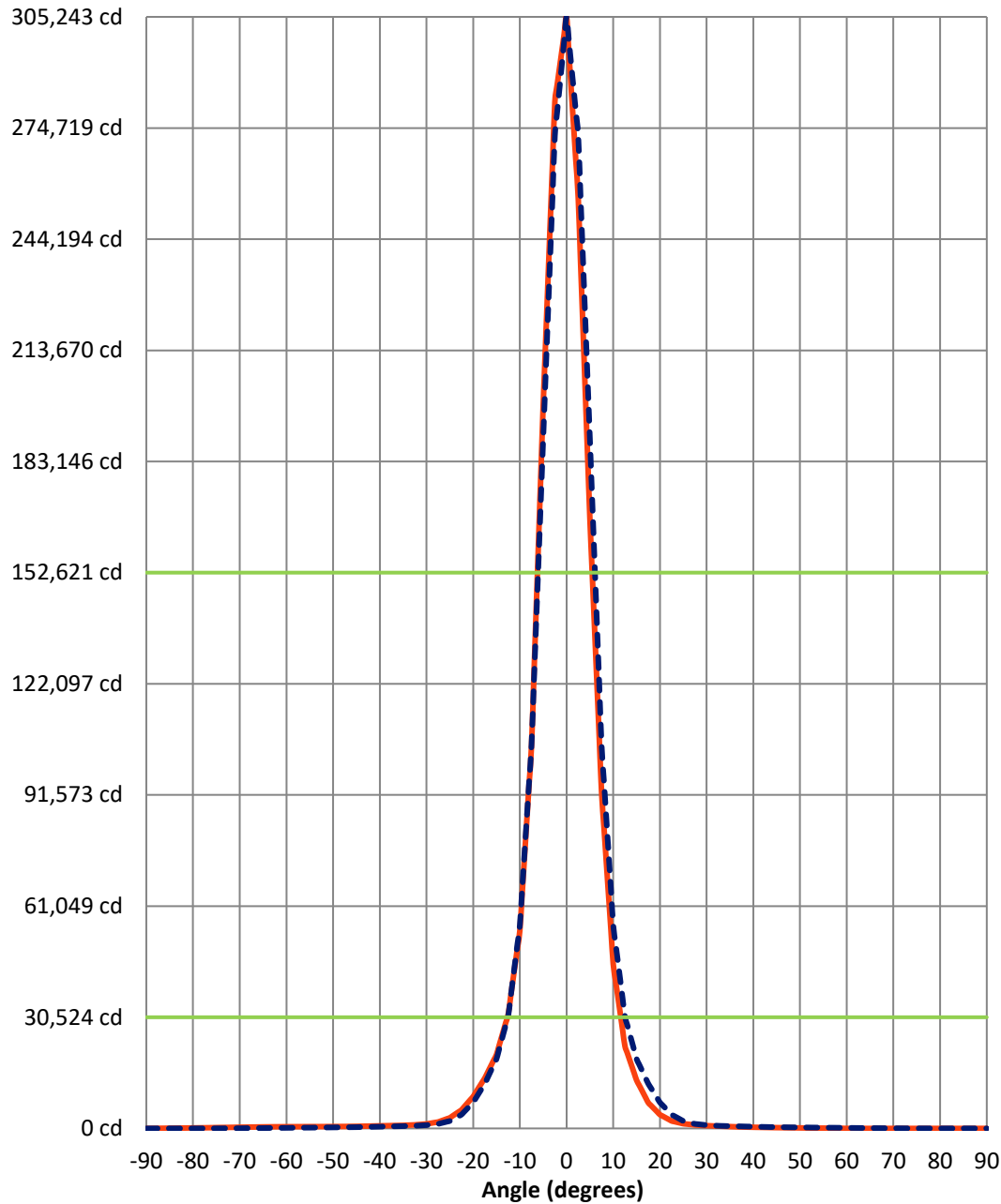
Luminous Intensity Polar Plot



— Vertical Distribution Through 0-Deg - - - Horizontal Distribution Through 0-Deg

REPORT NUMBER: P724142
CATALOG NUMBER: IFLD-M-SA4B-740-U-22-VI

Luminous Intensity Plot



Beam:
H Angle: 12.2°
V Angle: 11.7°
Lumens: 6670.3
Efficiency: 31.3%

Field:
H Angle: 25.1°
V Angle: 24.3°
Lumens: 15177.3
Efficiency: 71.2%

Spill:
Lumens: 6144
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	3.8	3.8
85°	0.0	0.0	0.0	0.0	3.8	3.8	3.8	3.8	3.8	7.6	7.6
82.5°	0.0	0.0	0.0	0.0	3.8	3.8	3.8	3.8	7.6	7.6	7.6
80°	0.0	0.0	0.0	0.0	3.8	3.8	3.8	3.8	7.6	7.6	7.6
77.5°	0.0	0.0	0.0	0.0	3.8	3.8	3.8	3.8	3.8	3.8	7.6
75°	0.0	0.0	0.0	0.0	3.8	3.8	3.8	3.8	3.8	3.8	3.8
72.5°	0.0	0.0	0.0	0.0	3.8	3.8	3.8	3.8	3.8	3.8	3.8
70°	0.0	0.0	0.0	0.0	3.8	3.8	3.8	3.8	3.8	3.8	3.8
67.5°	0.0	0.0	0.0	0.0	3.8	3.8	3.8	3.8	3.8	3.8	3.8
65°	0.0	0.0	0.0	0.0	3.8	3.8	3.8	3.8	3.8	3.8	3.8
62.5°	0.0	0.0	0.0	0.0	3.8	3.8	3.8	3.8	3.8	3.8	3.8
60°	7.6	7.6	7.6	7.6	11.5	11.5	15.3	15.3	15.3	7.6	15.3
57.5°	61.1	61.1	57.3	53.5	49.7	45.8	45.8	45.8	45.8	45.8	38.2
55°	84.0	84.0	84.0	80.2	80.2	76.4	72.6	68.8	68.8	64.9	61.1
52.5°	99.3	99.3	99.3	99.3	95.5	95.5	95.5	91.7	84.0	84.0	80.2
50°	141.3	137.5	137.5	137.5	137.5	129.9	126.1	118.4	114.6	110.8	107.0
47.5°	183.3	183.3	179.5	179.5	175.7	168.1	160.4	152.8	145.2	141.3	133.7
45°	217.7	217.7	213.9	213.9	210.1	202.4	191.0	179.5	171.9	164.3	156.6
42.5°	267.4	263.6	259.7	255.9	248.3	236.8	221.5	206.3	194.8	183.3	175.7
40°	320.9	320.9	317.0	313.2	301.8	290.3	271.2	252.1	233.0	210.1	198.6
37.5°	385.8	389.6	393.4	393.4	385.8	370.5	343.8	320.9	290.3	259.7	244.5
35°	504.2	504.2	511.9	511.9	500.4	481.3	462.2	412.5	374.3	336.1	301.8
32.5°	634.1	637.9	622.6	611.2	595.9	573.0	538.6	496.6	454.6	404.9	366.7
30°	760.1	760.1	741.0	718.1	687.6	649.4	607.3	561.5	511.9	462.2	416.4
27.5°	958.8	939.7	924.4	886.2	832.7	760.1	706.7	634.1	569.1	511.9	462.2
25°	1287.3	1283.4	1249.1	1184.1	1077.2	962.6	874.7	752.5	653.2	565.3	508.0
22.5°	2047.4	2020.7	1940.5	1780.0	1527.9	1329.3	1149.8	958.8	779.2	660.8	569.1
20°	3785.4	3697.6	3483.6	3040.5	2475.2	2085.6	1638.7	1317.8	1016.1	794.5	657.0
17.5°	7062.8	7005.5	6925.3	5901.6	4751.8	3926.7	2922.1	2020.7	1443.9	1039.0	779.2
15°	13239.4	12815.4	11929.2	10703.0	9094.9	7028.4	5168.2	3262.1	2062.7	1382.8	989.3
12.5°	22632.2	22162.4	19874.3	16807.0	13915.5	10974.2	7704.5	4958.1	2937.4	1757.1	1172.7
10°	45096.4	41685.3	35279.5	26329.8	20550.4	15325.0	10817.6	6764.8	3823.6	2219.3	1390.4
7.5°	92366.2	81220.1	62587.2	44183.4	28598.7	20099.7	13816.2	8846.6	5095.6	2777.0	1589.0
5°	167409.7	147634.6	111224.5	66972.3	41528.7	25191.5	16394.5	10519.7	6031.4	3231.5	1787.7
2.5°	255623.8	230042.7	160801.4	92091.2	51208.0	29133.5	18197.5	11619.8	6627.3	3540.9	1940.5
0°	305242.8	272660.0	189369.6	105433.7	55818.5	30806.6	19079.8	12280.6	7131.5	3793.0	2039.8
-2.5°	281968.8	255738.4	174033.2	97939.3	53339.5	30073.2	19205.9	12444.9	7215.6	3861.8	2085.6
-5°	198731.9	177203.6	120418.7	72274.1	45256.8	27701.1	18121.1	11826.1	6982.6	3762.5	2066.5
-7.5°	105139.6	95399.1	71414.7	51933.8	33033.5	23445.8	16314.3	10729.8	6379.0	3495.1	1951.9
-10°	54321.1	52323.4	45088.7	33988.4	26730.8	19641.3	13923.1	9175.1	5332.4	3010.0	1757.1
-12.5°	31318.4	30978.4	28652.2	24595.6	20497.0	16134.8	11425.0	7483.0	4450.0	2494.3	1482.1
-15°	20279.2	20424.4	19614.6	17926.2	15592.4	12074.3	8777.9	5565.4	3292.7	2020.7	1306.4
-17.5°	13839.1	13800.9	13422.7	12265.3	10386.0	8155.2	5817.5	3930.6	2494.3	1573.8	1084.8
-20°	8754.9	8770.2	8418.8	7620.5	6237.7	5026.8	3621.2	2650.9	1768.6	1237.6	958.8



REPORT NUMBER: P724142
 CATALOG NUMBER: IFLD-M-SA4B-740-U-22-VI

CANDELA DISTRIBUTION (continued):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
-22.5°	5080.3	5091.8	4870.2	4419.5	3693.7	2979.4	2353.0	1753.3	1302.5	1031.3	840.4
-25°	2918.3	2872.5	2784.6	2566.9	2226.9	1837.3	1562.3	1233.8	1042.8	874.7	767.8
-27.5°	1768.6	1738.0	1692.2	1596.7	1463.0	1268.2	1142.1	997.0	886.2	786.9	721.9
-30°	1233.8	1245.2	1207.1	1157.4	1096.3	1008.4	939.7	870.9	798.3	737.2	676.1
-32.5°	981.7	989.3	970.2	951.1	920.6	886.2	844.2	794.5	737.2	679.9	622.6
-35°	844.2	848.0	848.0	844.2	836.5	809.8	779.2	733.4	679.9	626.4	576.8
-37.5°	775.4	779.2	779.2	775.4	764.0	741.0	710.5	672.3	622.6	573.0	534.8
-40°	702.8	706.7	702.8	695.2	683.7	660.8	637.9	607.3	569.1	527.1	492.8
-42.5°	634.1	630.3	626.4	618.8	607.3	592.1	573.0	550.0	523.3	492.8	466.0
-45°	569.1	569.1	565.3	561.5	553.9	542.4	530.9	511.9	492.8	469.8	446.9
-47.5°	534.8	534.8	530.9	527.1	523.3	515.7	504.2	488.9	473.7	454.6	435.5
-50°	511.9	511.9	511.9	508.0	504.2	496.6	485.1	473.7	458.4	439.3	420.2
-52.5°	496.6	496.6	496.6	492.8	488.9	485.1	473.7	458.4	439.3	424.0	408.7
-55°	488.9	485.1	485.1	481.3	477.5	473.7	458.4	443.1	427.8	412.5	397.3
-57.5°	477.5	473.7	473.7	469.8	466.0	462.2	446.9	431.6	416.4	397.3	385.8
-60°	466.0	462.2	462.2	454.6	450.7	446.9	431.6	416.4	401.1	385.8	370.5
-62.5°	450.7	446.9	443.1	439.3	431.6	424.0	412.5	397.3	378.2	362.9	347.6
-65°	416.4	412.5	408.7	404.9	401.1	397.3	385.8	366.7	351.4	336.1	320.9
-67.5°	374.3	374.3	374.3	366.7	362.9	355.2	347.6	332.3	317.0	301.8	290.3
-70°	324.7	324.7	324.7	317.0	313.2	309.4	297.9	286.5	275.0	263.6	248.3
-72.5°	275.0	271.2	271.2	267.4	259.7	255.9	248.3	240.6	229.2	221.5	210.1
-75°	225.4	221.5	221.5	217.7	213.9	210.1	202.4	198.6	191.0	183.3	171.9
-77.5°	179.5	179.5	179.5	175.7	171.9	168.1	164.3	160.4	156.6	149.0	141.3
-80°	137.5	137.5	137.5	137.5	137.5	137.5	137.5	133.7	126.1	122.2	118.4
-82.5°	99.3	103.1	103.1	103.1	103.1	103.1	103.1	103.1	99.3	95.5	91.7
-85°	64.9	68.8	68.8	72.6	76.4	76.4	80.2	76.4	72.6	64.9	61.1
-87.5°	34.4	34.4	34.4	34.4	34.4	34.4	34.4	30.6	30.6	30.6	26.7
-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: P724142
 CATALOG NUMBER: IFLD-M-SA4B-740-U-22-VI

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°	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	7.6	7.6	7.6
85°	7.6	7.6	7.6	7.6	11.5	11.5	11.5	15.3	15.3	15.3	15.3
82.5°	7.6	11.5	11.5	11.5	15.3	15.3	19.1	22.9	30.6	34.4	34.4
80°	7.6	11.5	11.5	11.5	15.3	15.3	19.1	19.1	22.9	26.7	34.4
77.5°	7.6	7.6	11.5	11.5	11.5	15.3	15.3	19.1	19.1	22.9	26.7
75°	3.8	7.6	7.6	7.6	11.5	11.5	15.3	15.3	19.1	19.1	22.9
72.5°	3.8	7.6	7.6	7.6	11.5	11.5	15.3	15.3	15.3	19.1	19.1
70°	3.8	7.6	7.6	7.6	7.6	11.5	11.5	11.5	15.3	15.3	15.3
67.5°	3.8	3.8	3.8	7.6	7.6	7.6	7.6	11.5	11.5	11.5	15.3
65°	3.8	3.8	3.8	3.8	7.6	7.6	7.6	7.6	11.5	11.5	11.5
62.5°	3.8	3.8	3.8	7.6	7.6	7.6	7.6	7.6	11.5	11.5	11.5
60°	15.3	15.3	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5
57.5°	34.4	34.4	30.6	26.7	22.9	22.9	19.1	15.3	15.3	11.5	11.5
55°	57.3	53.5	49.7	42.0	38.2	34.4	30.6	22.9	19.1	15.3	11.5
52.5°	72.6	68.8	64.9	61.1	53.5	45.8	42.0	38.2	30.6	22.9	19.1
50°	107.0	95.5	87.9	80.2	72.6	64.9	57.3	53.5	42.0	34.4	26.7
47.5°	129.9	122.2	110.8	103.1	95.5	84.0	72.6	64.9	57.3	45.8	34.4
45°	149.0	141.3	129.9	122.2	114.6	103.1	91.7	80.2	72.6	61.1	45.8
42.5°	168.1	160.4	149.0	141.3	129.9	118.4	107.0	95.5	84.0	76.4	61.1
40°	194.8	183.3	168.1	160.4	152.8	137.5	122.2	110.8	99.3	87.9	72.6
37.5°	229.2	217.7	198.6	183.3	171.9	160.4	145.2	129.9	118.4	103.1	87.9
35°	282.7	263.6	236.8	213.9	198.6	183.3	164.3	149.0	133.7	118.4	103.1
32.5°	336.1	305.6	271.2	244.5	221.5	202.4	183.3	168.1	149.0	129.9	114.6
30°	378.2	343.8	309.4	271.2	244.5	221.5	202.4	183.3	164.3	145.2	126.1
27.5°	420.2	382.0	343.8	305.6	267.4	236.8	217.7	198.6	179.5	160.4	137.5
25°	462.2	420.2	382.0	340.0	294.1	259.7	233.0	217.7	198.6	175.7	149.0
22.5°	500.4	462.2	424.0	378.2	324.7	278.8	252.1	233.0	213.9	187.2	164.3
20°	573.0	523.3	477.5	420.2	359.1	313.2	278.8	252.1	229.2	202.4	175.7
17.5°	668.5	595.9	534.8	469.8	408.7	351.4	301.8	271.2	248.3	217.7	187.2
15°	790.7	664.6	588.2	523.3	450.7	385.8	332.3	290.3	259.7	229.2	202.4
12.5°	882.4	718.1	634.1	573.0	496.6	424.0	355.2	305.6	271.2	240.6	210.1
10°	985.5	775.4	672.3	603.5	523.3	443.1	370.5	317.0	278.8	252.1	221.5
7.5°	1069.5	821.3	691.4	615.0	538.6	458.4	385.8	328.5	290.3	259.7	229.2
5°	1145.9	859.5	706.7	618.8	546.2	469.8	393.4	336.1	297.9	267.4	236.8
2.5°	1199.4	893.8	721.9	626.4	553.9	477.5	404.9	343.8	305.6	275.0	244.5
0°	1245.2	905.3	718.1	626.4	557.7	477.5	408.7	347.6	309.4	278.8	248.3
-2.5°	1260.5	924.4	737.2	634.1	565.3	485.1	416.4	351.4	313.2	282.7	255.9
-5°	1260.5	909.1	737.2	641.7	569.1	488.9	416.4	355.2	317.0	286.5	255.9
-7.5°	1214.7	886.2	733.4	649.4	573.0	492.8	416.4	359.1	320.9	290.3	259.7
-10°	1134.5	851.8	729.6	653.2	573.0	488.9	416.4	359.1	320.9	290.3	263.6
-12.5°	1004.6	806.0	710.5	645.5	565.3	481.3	412.5	359.1	320.9	294.1	263.6
-15°	939.7	767.8	687.6	622.6	546.2	469.8	404.9	355.2	320.9	294.1	267.4
-17.5°	851.8	737.2	664.6	599.7	530.9	458.4	397.3	355.2	320.9	290.3	267.4
-20°	790.7	702.8	637.9	580.6	511.9	446.9	393.4	351.4	320.9	290.3	267.4



REPORT NUMBER: P724142
 CATALOG NUMBER: IFLD-M-SA4B-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°	737.2	664.6	607.3	550.0	488.9	431.6	385.8	347.6	317.0	290.3	267.4
-25°	695.2	630.3	576.8	523.3	469.8	420.2	378.2	343.8	313.2	290.3	263.6
-27.5°	657.0	595.9	546.2	496.6	446.9	408.7	370.5	340.0	313.2	286.5	259.7
-30°	615.0	565.3	515.7	469.8	435.5	397.3	362.9	332.3	309.4	282.7	255.9
-32.5°	573.0	527.1	485.1	450.7	420.2	389.6	359.1	328.5	301.8	275.0	248.3
-35°	534.8	492.8	462.2	431.6	408.7	382.0	351.4	320.9	297.9	271.2	248.3
-37.5°	496.6	466.0	439.3	416.4	393.4	370.5	340.0	313.2	290.3	263.6	236.8
-40°	466.0	443.1	424.0	404.9	382.0	355.2	332.3	305.6	282.7	255.9	225.4
-42.5°	446.9	427.8	408.7	389.6	370.5	347.6	324.7	297.9	275.0	248.3	217.7
-45°	427.8	412.5	397.3	382.0	362.9	340.0	313.2	286.5	263.6	236.8	213.9
-47.5°	416.4	401.1	385.8	374.3	359.1	328.5	305.6	278.8	252.1	229.2	202.4
-50°	404.9	389.6	378.2	362.9	343.8	317.0	294.1	267.4	244.5	217.7	194.8
-52.5°	393.4	378.2	362.9	347.6	328.5	305.6	282.7	259.7	233.0	206.3	183.3
-55°	382.0	366.7	351.4	336.1	317.0	297.9	275.0	244.5	217.7	191.0	168.1
-57.5°	370.5	359.1	340.0	320.9	301.8	282.7	255.9	229.2	202.4	175.7	156.6
-60°	355.2	340.0	324.7	301.8	282.7	259.7	236.8	213.9	187.2	164.3	145.2
-62.5°	332.3	317.0	301.8	278.8	259.7	240.6	221.5	194.8	175.7	152.8	133.7
-65°	305.6	290.3	275.0	255.9	236.8	217.7	202.4	179.5	160.4	141.3	126.1
-67.5°	275.0	259.7	248.3	229.2	213.9	194.8	179.5	160.4	141.3	126.1	110.8
-70°	236.8	225.4	213.9	198.6	183.3	168.1	152.8	137.5	122.2	110.8	95.5
-72.5°	202.4	191.0	179.5	168.1	156.6	141.3	129.9	118.4	107.0	95.5	87.9
-75°	164.3	156.6	149.0	141.3	129.9	118.4	110.8	99.3	91.7	84.0	80.2
-77.5°	137.5	129.9	122.2	114.6	107.0	99.3	91.7	84.0	80.2	76.4	72.6
-80°	110.8	107.0	103.1	95.5	91.7	84.0	80.2	72.6	72.6	72.6	72.6
-82.5°	87.9	84.0	80.2	76.4	72.6	68.8	68.8	64.9	68.8	68.8	64.9
-85°	61.1	57.3	53.5	53.5	49.7	49.7	45.8	45.8	45.8	42.0	42.0
-87.5°	26.7	26.7	26.7	26.7	22.9	22.9	22.9	22.9	22.9	19.1	19.1
-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: P724142
 CATALOG NUMBER: IFLD-M-SA4B-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°	7.6	7.6	3.8	3.8	3.8	3.8	3.8	3.8	3.8	0.0	0.0
85°	15.3	15.3	11.5	11.5	11.5	7.6	7.6	3.8	3.8	3.8	3.8
82.5°	34.4	30.6	26.7	22.9	19.1	15.3	11.5	7.6	7.6	3.8	3.8
80°	42.0	42.0	42.0	38.2	30.6	22.9	15.3	11.5	7.6	3.8	3.8
77.5°	30.6	30.6	34.4	38.2	38.2	30.6	19.1	11.5	7.6	7.6	3.8
75°	22.9	22.9	22.9	26.7	30.6	30.6	22.9	15.3	7.6	7.6	3.8
72.5°	22.9	22.9	22.9	22.9	22.9	22.9	22.9	15.3	11.5	7.6	7.6
70°	19.1	19.1	19.1	19.1	19.1	19.1	19.1	15.3	11.5	7.6	7.6
67.5°	15.3	15.3	19.1	19.1	19.1	15.3	15.3	15.3	11.5	7.6	7.6
65°	11.5	15.3	15.3	19.1	15.3	15.3	15.3	11.5	11.5	7.6	7.6
62.5°	11.5	11.5	15.3	15.3	15.3	15.3	11.5	11.5	11.5	7.6	7.6
60°	11.5	11.5	11.5	15.3	11.5	11.5	11.5	11.5	11.5	7.6	7.6
57.5°	11.5	11.5	11.5	11.5	11.5	11.5	11.5	7.6	7.6	7.6	7.6
55°	11.5	11.5	11.5	11.5	11.5	11.5	7.6	7.6	7.6	7.6	7.6
52.5°	15.3	11.5	11.5	11.5	11.5	11.5	7.6	7.6	7.6	7.6	7.6
50°	19.1	11.5	11.5	11.5	11.5	7.6	7.6	7.6	7.6	7.6	7.6
47.5°	26.7	19.1	15.3	11.5	11.5	7.6	7.6	7.6	7.6	7.6	3.8
45°	38.2	26.7	19.1	15.3	11.5	7.6	7.6	7.6	7.6	7.6	3.8
42.5°	45.8	34.4	22.9	19.1	15.3	11.5	7.6	7.6	7.6	3.8	3.8
40°	57.3	45.8	30.6	22.9	15.3	11.5	7.6	7.6	7.6	3.8	3.8
37.5°	72.6	57.3	38.2	26.7	19.1	11.5	11.5	7.6	7.6	3.8	3.8
35°	84.0	64.9	49.7	30.6	22.9	15.3	11.5	7.6	7.6	3.8	3.8
32.5°	95.5	76.4	61.1	38.2	26.7	19.1	15.3	7.6	7.6	3.8	3.8
30°	107.0	87.9	68.8	49.7	34.4	22.9	15.3	7.6	7.6	3.8	3.8
27.5°	118.4	95.5	76.4	57.3	38.2	26.7	19.1	11.5	7.6	3.8	3.8
25°	129.9	107.0	84.0	64.9	42.0	30.6	19.1	11.5	7.6	7.6	3.8
22.5°	137.5	118.4	95.5	72.6	49.7	34.4	22.9	15.3	7.6	7.6	3.8
20°	149.0	129.9	103.1	80.2	57.3	38.2	22.9	15.3	7.6	7.6	3.8
17.5°	160.4	137.5	110.8	87.9	64.9	42.0	26.7	19.1	7.6	7.6	3.8
15°	171.9	145.2	118.4	91.7	68.8	45.8	26.7	19.1	7.6	7.6	3.8
12.5°	183.3	156.6	126.1	99.3	72.6	49.7	30.6	22.9	11.5	7.6	3.8
10°	191.0	164.3	133.7	103.1	76.4	57.3	34.4	22.9	11.5	7.6	3.8
7.5°	202.4	171.9	141.3	110.8	80.2	61.1	38.2	22.9	11.5	7.6	3.8
5°	206.3	179.5	145.2	118.4	84.0	64.9	42.0	26.7	11.5	7.6	3.8
2.5°	210.1	187.2	149.0	122.2	87.9	64.9	42.0	26.7	15.3	7.6	3.8
0°	213.9	191.0	152.8	126.1	91.7	68.8	45.8	26.7	15.3	7.6	3.8
-2.5°	217.7	194.8	160.4	129.9	95.5	72.6	49.7	26.7	15.3	7.6	3.8
-5°	221.5	194.8	168.1	133.7	99.3	72.6	49.7	30.6	19.1	7.6	3.8
-7.5°	225.4	198.6	171.9	137.5	103.1	72.6	53.5	30.6	19.1	11.5	3.8
-10°	229.2	202.4	175.7	141.3	103.1	76.4	53.5	30.6	19.1	11.5	3.8
-12.5°	233.0	206.3	175.7	141.3	107.0	76.4	53.5	34.4	19.1	11.5	3.8
-15°	236.8	206.3	175.7	141.3	107.0	80.2	57.3	34.4	19.1	11.5	7.6
-17.5°	236.8	206.3	175.7	145.2	107.0	80.2	57.3	34.4	19.1	11.5	7.6
-20°	236.8	206.3	175.7	145.2	107.0	80.2	57.3	34.4	19.1	11.5	7.6



REPORT NUMBER: P724142
 CATALOG NUMBER: IFLD-M-SA4B-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°	233.0	202.4	175.7	141.3	107.0	80.2	57.3	34.4	22.9	11.5	7.6
-25°	233.0	202.4	175.7	141.3	107.0	80.2	53.5	34.4	22.9	11.5	7.6
-27.5°	229.2	202.4	171.9	137.5	103.1	76.4	53.5	34.4	22.9	11.5	7.6
-30°	225.4	198.6	168.1	133.7	103.1	76.4	53.5	34.4	22.9	11.5	7.6
-32.5°	221.5	191.0	164.3	129.9	99.3	72.6	53.5	34.4	22.9	11.5	7.6
-35°	213.9	187.2	156.6	126.1	95.5	72.6	49.7	34.4	22.9	15.3	7.6
-37.5°	206.3	179.5	152.8	122.2	91.7	68.8	49.7	34.4	22.9	15.3	7.6
-40°	198.6	175.7	145.2	114.6	87.9	64.9	49.7	34.4	22.9	15.3	11.5
-42.5°	191.0	168.1	141.3	110.8	87.9	64.9	45.8	34.4	22.9	15.3	11.5
-45°	187.2	164.3	133.7	107.0	84.0	64.9	45.8	30.6	22.9	15.3	11.5
-47.5°	179.5	152.8	126.1	103.1	80.2	61.1	42.0	30.6	22.9	15.3	11.5
-50°	168.1	145.2	122.2	99.3	76.4	57.3	42.0	30.6	22.9	15.3	11.5
-52.5°	156.6	133.7	114.6	91.7	72.6	57.3	42.0	30.6	22.9	15.3	11.5
-55°	145.2	126.1	107.0	87.9	68.8	53.5	38.2	30.6	22.9	15.3	11.5
-57.5°	137.5	118.4	99.3	80.2	64.9	49.7	38.2	26.7	19.1	15.3	11.5
-60°	129.9	110.8	91.7	76.4	61.1	49.7	38.2	26.7	19.1	15.3	7.6
-62.5°	118.4	103.1	84.0	72.6	57.3	45.8	34.4	26.7	19.1	15.3	7.6
-65°	107.0	91.7	76.4	64.9	53.5	42.0	34.4	26.7	19.1	15.3	7.6
-67.5°	95.5	84.0	72.6	61.1	49.7	42.0	34.4	26.7	19.1	11.5	7.6
-70°	87.9	76.4	64.9	57.3	49.7	38.2	34.4	26.7	19.1	11.5	7.6
-72.5°	76.4	68.8	61.1	53.5	45.8	42.0	34.4	26.7	15.3	11.5	7.6
-75°	72.6	64.9	57.3	53.5	49.7	42.0	34.4	22.9	15.3	11.5	7.6
-77.5°	72.6	64.9	61.1	57.3	49.7	42.0	30.6	19.1	11.5	11.5	7.6
-80°	72.6	68.8	64.9	53.5	45.8	34.4	22.9	19.1	11.5	7.6	3.8
-82.5°	64.9	53.5	45.8	38.2	34.4	26.7	19.1	15.3	7.6	7.6	3.8
-85°	42.0	34.4	30.6	26.7	22.9	19.1	11.5	7.6	7.6	3.8	3.8
-87.5°	19.1	19.1	15.3	11.5	11.5	7.6	7.6	3.8	3.8	3.8	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: P724142
 CATALOG NUMBER: IFLD-M-SA4B-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°	3.8	0.0	0.0	0.0
77.5°	3.8	0.0	0.0	0.0
75°	3.8	3.8	0.0	0.0
72.5°	3.8	3.8	0.0	0.0
70°	3.8	3.8	0.0	0.0
67.5°	3.8	3.8	0.0	0.0
65°	3.8	3.8	0.0	0.0
62.5°	3.8	3.8	0.0	0.0
60°	3.8	3.8	0.0	0.0
57.5°	3.8	3.8	3.8	0.0
55°	3.8	3.8	3.8	0.0
52.5°	3.8	3.8	3.8	0.0
50°	3.8	3.8	3.8	0.0
47.5°	3.8	3.8	3.8	0.0
45°	3.8	3.8	3.8	0.0
42.5°	3.8	3.8	3.8	0.0
40°	3.8	3.8	3.8	0.0
37.5°	3.8	3.8	3.8	0.0
35°	3.8	3.8	3.8	0.0
32.5°	3.8	3.8	3.8	0.0
30°	3.8	3.8	3.8	0.0
27.5°	3.8	3.8	3.8	0.0
25°	3.8	3.8	3.8	0.0
22.5°	3.8	3.8	3.8	0.0
20°	3.8	3.8	3.8	0.0
17.5°	3.8	3.8	3.8	0.0
15°	3.8	3.8	3.8	0.0
12.5°	3.8	3.8	3.8	0.0
10°	3.8	3.8	3.8	0.0
7.5°	3.8	3.8	3.8	0.0
5°	3.8	3.8	3.8	0.0
2.5°	3.8	3.8	3.8	0.0
0°	3.8	3.8	3.8	0.0
-2.5°	3.8	3.8	3.8	0.0
-5°	3.8	3.8	3.8	0.0
-7.5°	3.8	3.8	3.8	0.0
-10°	3.8	3.8	3.8	0.0
-12.5°	3.8	3.8	3.8	0.0
-15°	3.8	3.8	3.8	0.0
-17.5°	3.8	3.8	3.8	0.0
-20°	3.8	3.8	3.8	0.0



REPORT NUMBER: P724142
CATALOG NUMBER: IFLD-M-SA4B-740-U-22-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	3.8	3.8	3.8	0.0
-25°	3.8	3.8	3.8	0.0
-27.5°	3.8	3.8	3.8	0.0
-30°	3.8	3.8	3.8	0.0
-32.5°	3.8	3.8	3.8	0.0
-35°	3.8	3.8	3.8	0.0
-37.5°	3.8	3.8	3.8	0.0
-40°	3.8	3.8	3.8	0.0
-42.5°	3.8	3.8	3.8	0.0
-45°	3.8	3.8	3.8	0.0
-47.5°	3.8	3.8	3.8	0.0
-50°	3.8	3.8	3.8	0.0
-52.5°	3.8	3.8	3.8	0.0
-55°	3.8	3.8	3.8	0.0
-57.5°	3.8	3.8	3.8	0.0
-60°	3.8	3.8	0.0	0.0
-62.5°	3.8	3.8	0.0	0.0
-65°	3.8	3.8	0.0	0.0
-67.5°	3.8	3.8	0.0	0.0
-70°	3.8	3.8	0.0	0.0
-72.5°	3.8	3.8	0.0	0.0
-75°	3.8	3.8	0.0	0.0
-77.5°	3.8	0.0	0.0	0.0
-80°	3.8	0.0	0.0	0.0
-82.5°	3.8	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)