

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: P724171

Luminaire Tested: **IFLD-M-SA4B-750-U-22-VI**

Issue Date: 01/11/2023

Test Information

Test Method: LM-79-2019
Report Number: P724171
Test Lab: INNOVATION CENTER(G2)
Issue Date: 01/11/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-M-SA4B-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

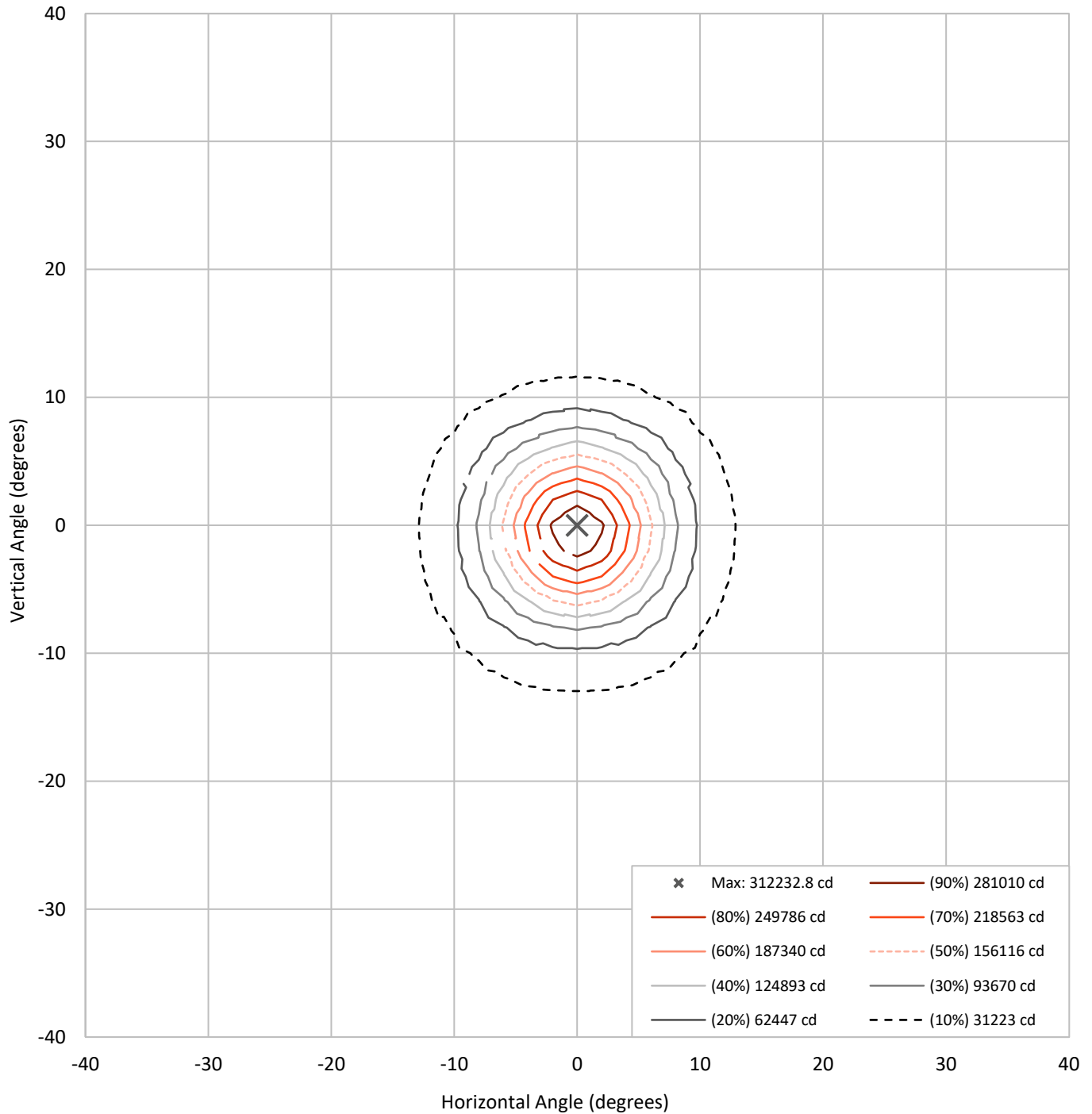
Lumens per Lamp:	N/A	NEMA Type:	2H x 2V
Luminaire Lumens:	21809.6 lumens	Max Intensity:	312232.8 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	131.3 lumens/watt		
Luminous Opening:	Rectangular (W 2' x L: 0.5' x H: 0')		
Beam Angle (50%):	12.2°H x 11.7°V	Field Angle (10%):	25.1°H x 24.3°V
Beam Lumens:	6823.1 lumens	Field Lumens:	15524.9 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



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Iso-Candela Plot





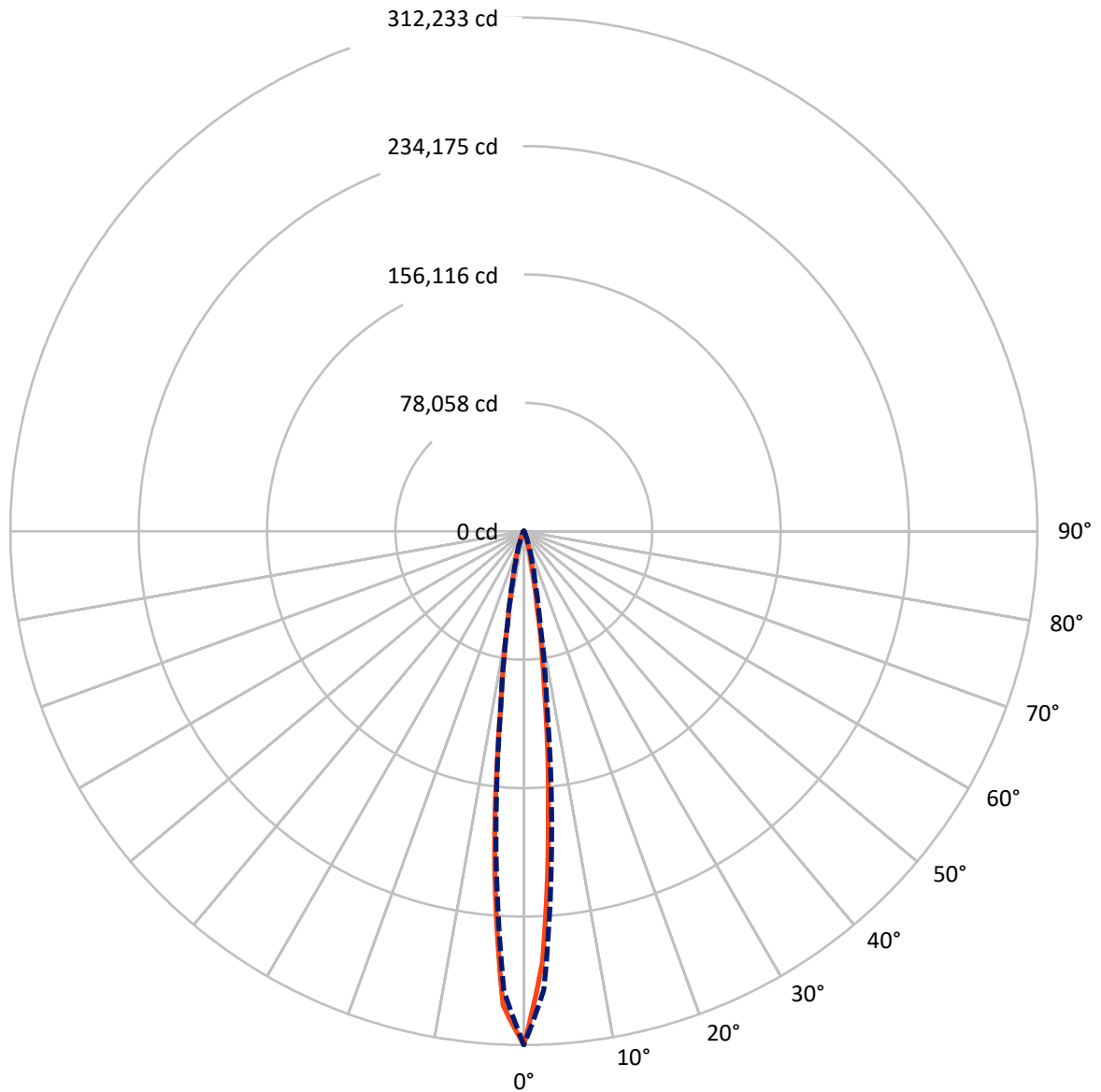
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Lumen Table

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	0.2	0.0	0.0	0.2	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	3.1	4.4	5.8	6.8	6.8	5.8	4.4	3.1	1.8	0.7	0.2	0.1			
40		0.4	1.5	3.3	5.6	8.8	13.3	15.9	15.9	13.3	8.8	5.6	3.3	1.5	0.4				
30	0.2	0.7	2.3	4.8	8.8	15.1	29.1	46.9	46.9	29.1	15.1	8.8	4.8	2.3	0.7	0.2			
20		1.0	3.1	6.5	13.3	32.9	171.8	434.7	434.7	171.8	32.9	13.3	6.5	3.1	1.0				
10	0.4	1.2	3.7	7.7	16.2	66.8	553.4	3410.2	3410.2	553.4	66.8	16.2	7.7	3.7	1.2	0.4			
0		1.4	4.1	8.2	16.9	76.1	609.0	3755.6	3755.6	609.0	76.1	16.9	8.2	4.1	1.4				
-10	0.5	1.5	4.2	8.1	15.8	45.6	273.3	658.7	658.7	273.3	45.6	15.8	8.1	4.2	1.5	0.5			
-20		1.5	4.2	7.7	13.4	23.2	56.5	106.1	106.1	56.5	23.2	13.4	7.7	4.2	1.5				
-30	0.5	1.3	3.9	7.1	11.1	16.5	23.3	27.4	27.4	23.3	16.5	11.1	7.1	3.9	1.3	0.5			
-40		1.2	3.4	6.4	9.7	12.8	16.2	18.0	18.0	16.2	12.8	9.7	6.4	3.4	1.2				
-50	0.4	1.0	2.7	5.4	8.5	11.2	13.8	15.0	15.0	13.8	11.2	8.5	5.4	2.7	1.0	0.4			
-60		0.7	1.9	3.9	6.5	8.9	11.3	12.5	12.5	11.3	8.9	6.5	3.9	1.9	0.7				
-70	0.2	3.0		8.2		15.1		18.2		15.1		8.2		3.0		0.2			
-80		3.0		8.2		15.1		18.2		15.1		8.2		3.0					
-90	0.2	3.0		8.2		15.1		18.2		15.1		8.2		3.0		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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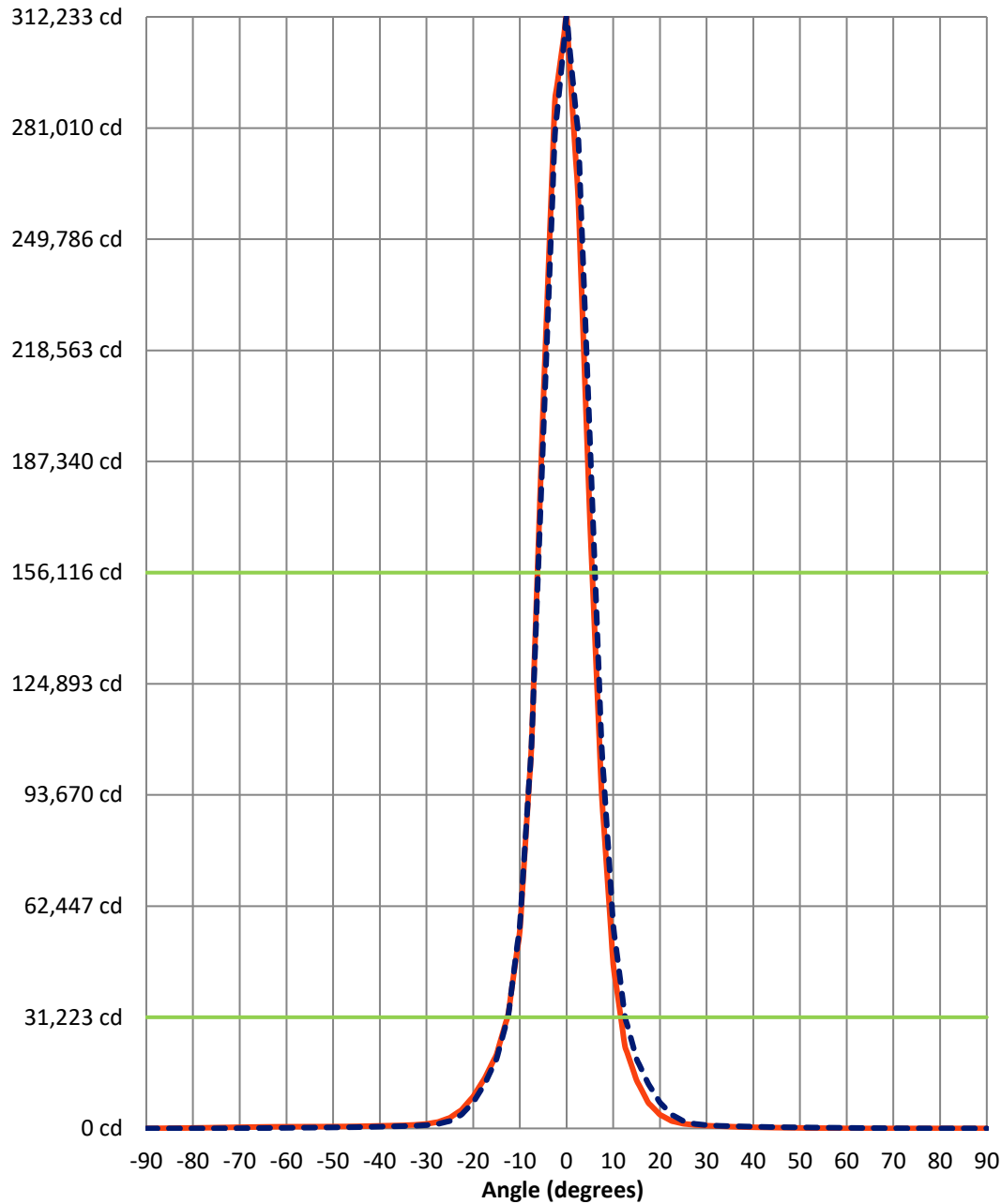
Luminous Intensity Polar Plot



— 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: 6823.1
 Efficiency: 31.3%

Field:
 H Angle: 25.1°
 V Angle: 24.3°
 Lumens: 15524.9
 Efficiency: 71.2%

Spill:
 Lumens: 6284.7
 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	3.9	3.9
85°	0.0	0.0	0.0	0.0	3.9	3.9	3.9	3.9	3.9	7.8	7.8
82.5°	0.0	0.0	0.0	0.0	3.9	3.9	3.9	3.9	7.8	7.8	7.8
80°	0.0	0.0	0.0	0.0	3.9	3.9	3.9	3.9	7.8	7.8	7.8
77.5°	0.0	0.0	0.0	0.0	3.9	3.9	3.9	3.9	3.9	3.9	7.8
75°	0.0	0.0	0.0	0.0	3.9	3.9	3.9	3.9	3.9	3.9	3.9
72.5°	0.0	0.0	0.0	0.0	3.9	3.9	3.9	3.9	3.9	3.9	3.9
70°	0.0	0.0	0.0	0.0	3.9	3.9	3.9	3.9	3.9	3.9	3.9
67.5°	0.0	0.0	0.0	0.0	3.9	3.9	3.9	3.9	3.9	3.9	3.9
65°	0.0	0.0	0.0	0.0	3.9	3.9	3.9	3.9	3.9	3.9	3.9
62.5°	0.0	0.0	0.0	0.0	3.9	3.9	3.9	3.9	3.9	3.9	3.9
60°	7.8	7.8	7.8	7.8	11.7	11.7	15.6	15.6	15.6	7.8	15.6
57.5°	62.5	62.5	58.6	54.7	50.8	46.9	46.9	46.9	46.9	46.9	39.1
55°	86.0	86.0	86.0	82.1	82.1	78.1	74.2	70.3	70.3	66.4	62.5
52.5°	101.6	101.6	101.6	101.6	97.7	97.7	97.7	93.8	86.0	86.0	82.1
50°	144.6	140.7	140.7	140.7	140.7	132.8	128.9	121.1	117.2	113.3	109.4
47.5°	187.5	187.5	183.6	183.6	179.7	171.9	164.1	156.3	148.5	144.6	136.8
45°	222.7	222.7	218.8	218.8	214.9	207.1	195.4	183.6	175.8	168.0	160.2
42.5°	273.5	269.6	265.7	261.8	254.0	242.2	226.6	211.0	199.3	187.5	179.7
40°	328.2	328.2	324.3	320.4	308.7	297.0	277.4	257.9	238.3	214.9	203.2
37.5°	394.6	398.5	402.4	402.4	394.6	379.0	351.7	328.2	297.0	265.7	250.1
35°	515.8	515.8	523.6	523.6	511.9	492.3	472.8	422.0	382.9	343.8	308.7
32.5°	648.6	652.5	636.9	625.2	609.5	586.1	550.9	507.9	465.0	414.2	375.1
30°	777.5	777.5	758.0	734.6	703.3	664.2	621.3	574.4	523.6	472.8	425.9
27.5°	980.7	961.2	945.6	906.5	851.8	777.5	722.8	648.6	582.2	523.6	472.8
25°	1316.7	1312.8	1277.7	1211.2	1101.8	984.6	894.8	769.7	668.1	578.3	519.7
22.5°	2094.3	2066.9	1984.9	1820.8	1562.9	1359.7	1176.1	980.7	797.1	676.0	582.2
20°	3872.1	3782.2	3563.4	3110.2	2531.9	2133.4	1676.2	1348.0	1039.3	812.7	672.0
17.5°	7224.5	7165.9	7083.9	6036.7	4860.6	4016.7	2989.1	2066.9	1476.9	1062.8	797.1
15°	13542.6	13108.8	12202.4	10948.1	9303.2	7189.4	5286.5	3336.8	2109.9	1414.4	1012.0
12.5°	23150.5	22669.9	20329.5	17191.9	14234.1	11225.5	7880.9	5071.6	3004.7	1797.3	1199.5
10°	46129.1	42639.9	36087.4	26932.7	21021.0	15675.9	11065.4	6919.8	3911.2	2270.1	1422.2
7.5°	94481.4	83080.0	64020.4	45195.2	29253.6	20560.0	14132.5	9049.2	5212.3	2840.6	1625.4
5°	171243.4	151015.5	113771.5	68505.9	42479.7	25768.4	16769.9	10760.6	6169.6	3305.5	1828.6
2.5°	261477.5	235310.6	164483.8	94200.1	52380.7	29800.6	18614.2	11885.9	6779.1	3622.0	1984.9
0°	312232.8	278903.9	193706.2	107848.1	57096.7	31512.0	19516.7	12561.8	7294.8	3879.9	2086.5
-2.5°	288425.9	261594.8	178018.5	100182.1	54560.9	30761.8	19645.7	12729.8	7380.8	3950.2	2133.4
-5°	203282.9	181261.6	123176.3	73929.2	46293.2	28335.4	18536.0	12096.9	7142.5	3848.6	2113.8
-7.5°	107547.2	97583.7	73050.1	53123.1	33790.0	23982.7	16687.9	10975.5	6525.1	3575.1	1996.6
-10°	55565.1	53521.6	46121.3	34766.8	27343.0	20091.1	14242.0	9385.2	5454.5	3078.9	1797.3
-12.5°	32035.6	31687.9	29308.3	25158.8	20966.3	16504.3	11686.6	7654.3	4552.0	2551.4	1516.0
-15°	20743.6	20892.1	20063.8	18336.8	15949.4	12350.8	8978.9	5692.9	3368.1	2066.9	1336.3
-17.5°	14156.0	14116.9	13730.1	12546.2	10623.8	8342.0	5950.8	4020.6	2551.4	1609.8	1109.7
-20°	8955.4	8971.1	8611.6	7795.0	6380.6	5142.0	3704.1	2711.6	1809.1	1266.0	980.7



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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°	5196.7	5208.4	4981.8	4520.7	3778.3	3047.7	2406.9	1793.4	1332.4	1055.0	859.6
-25°	2985.1	2938.3	2848.4	2625.7	2277.9	1879.4	1598.1	1262.0	1066.7	894.8	785.4
-27.5°	1809.1	1777.8	1730.9	1633.2	1496.5	1297.2	1168.3	1019.8	906.5	804.9	738.5
-30°	1262.0	1273.8	1234.7	1183.9	1121.4	1031.5	961.2	890.9	816.6	754.1	691.6
-32.5°	1004.2	1012.0	992.4	972.9	941.6	906.5	863.5	812.7	754.1	695.5	636.9
-35°	863.5	867.4	867.4	863.5	855.7	828.3	797.1	750.2	695.5	640.8	590.0
-37.5°	793.2	797.1	797.1	793.2	781.5	758.0	726.7	687.7	636.9	586.1	547.0
-40°	718.9	722.8	718.9	711.1	699.4	676.0	652.5	621.3	582.2	539.2	504.0
-42.5°	648.6	644.7	640.8	633.0	621.3	605.6	586.1	562.6	535.3	504.0	476.7
-45°	582.2	582.2	578.3	574.4	566.6	554.8	543.1	523.6	504.0	480.6	457.1
-47.5°	547.0	547.0	543.1	539.2	535.3	527.5	515.8	500.1	484.5	465.0	445.4
-50°	523.6	523.6	523.6	519.7	515.8	507.9	496.2	484.5	468.9	449.3	429.8
-52.5°	507.9	507.9	507.9	504.0	500.1	496.2	484.5	468.9	449.3	433.7	418.1
-55°	500.1	496.2	496.2	492.3	488.4	484.5	468.9	453.2	437.6	422.0	406.4
-57.5°	488.4	484.5	484.5	480.6	476.7	472.8	457.1	441.5	425.9	406.4	394.6
-60°	476.7	472.8	472.8	465.0	461.1	457.1	441.5	425.9	410.3	394.6	379.0
-62.5°	461.1	457.1	453.2	449.3	441.5	433.7	422.0	406.4	386.8	371.2	355.6
-65°	425.9	422.0	418.1	414.2	410.3	406.4	394.6	375.1	359.5	343.8	328.2
-67.5°	382.9	382.9	382.9	375.1	371.2	363.4	355.6	339.9	324.3	308.7	297.0
-70°	332.1	332.1	332.1	324.3	320.4	316.5	304.8	293.0	281.3	269.6	254.0
-72.5°	281.3	277.4	277.4	273.5	265.7	261.8	254.0	246.2	234.4	226.6	214.9
-75°	230.5	226.6	226.6	222.7	218.8	214.9	207.1	203.2	195.4	187.5	175.8
-77.5°	183.6	183.6	183.6	179.7	175.8	171.9	168.0	164.1	160.2	152.4	144.6
-80°	140.7	140.7	140.7	140.7	140.7	140.7	140.7	136.8	128.9	125.0	121.1
-82.5°	101.6	105.5	105.5	105.5	105.5	105.5	105.5	105.5	101.6	97.7	93.8
-85°	66.4	70.3	70.3	74.2	78.1	78.1	82.1	78.1	74.2	66.4	62.5
-87.5°	35.2	35.2	35.2	35.2	35.2	35.2	35.2	31.3	31.3	31.3	27.4
-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°	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	7.8	7.8	7.8
85°	7.8	7.8	7.8	7.8	11.7	11.7	11.7	15.6	15.6	15.6	15.6
82.5°	7.8	11.7	11.7	11.7	15.6	15.6	19.5	23.4	31.3	35.2	35.2
80°	7.8	11.7	11.7	11.7	15.6	15.6	19.5	19.5	23.4	27.4	35.2
77.5°	7.8	7.8	11.7	11.7	11.7	15.6	15.6	19.5	19.5	23.4	27.4
75°	3.9	7.8	7.8	7.8	11.7	11.7	15.6	15.6	19.5	19.5	23.4
72.5°	3.9	7.8	7.8	7.8	11.7	11.7	15.6	15.6	15.6	19.5	19.5
70°	3.9	7.8	7.8	7.8	7.8	11.7	11.7	11.7	15.6	15.6	15.6
67.5°	3.9	3.9	3.9	7.8	7.8	7.8	7.8	11.7	11.7	11.7	15.6
65°	3.9	3.9	3.9	3.9	7.8	7.8	7.8	7.8	11.7	11.7	11.7
62.5°	3.9	3.9	3.9	7.8	7.8	7.8	7.8	7.8	11.7	11.7	11.7
60°	15.6	15.6	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7
57.5°	35.2	35.2	31.3	27.4	23.4	23.4	19.5	15.6	15.6	11.7	11.7
55°	58.6	54.7	50.8	43.0	39.1	35.2	31.3	23.4	19.5	15.6	11.7
52.5°	74.2	70.3	66.4	62.5	54.7	46.9	43.0	39.1	31.3	23.4	19.5
50°	109.4	97.7	89.9	82.1	74.2	66.4	58.6	54.7	43.0	35.2	27.4
47.5°	132.8	125.0	113.3	105.5	97.7	86.0	74.2	66.4	58.6	46.9	35.2
45°	152.4	144.6	132.8	125.0	117.2	105.5	93.8	82.1	74.2	62.5	46.9
42.5°	171.9	164.1	152.4	144.6	132.8	121.1	109.4	97.7	86.0	78.1	62.5
40°	199.3	187.5	171.9	164.1	156.3	140.7	125.0	113.3	101.6	89.9	74.2
37.5°	234.4	222.7	203.2	187.5	175.8	164.1	148.5	132.8	121.1	105.5	89.9
35°	289.1	269.6	242.2	218.8	203.2	187.5	168.0	152.4	136.8	121.1	105.5
32.5°	343.8	312.6	277.4	250.1	226.6	207.1	187.5	171.9	152.4	132.8	117.2
30°	386.8	351.7	316.5	277.4	250.1	226.6	207.1	187.5	168.0	148.5	128.9
27.5°	429.8	390.7	351.7	312.6	273.5	242.2	222.7	203.2	183.6	164.1	140.7
25°	472.8	429.8	390.7	347.7	300.9	265.7	238.3	222.7	203.2	179.7	152.4
22.5°	511.9	472.8	433.7	386.8	332.1	285.2	257.9	238.3	218.8	191.5	168.0
20°	586.1	535.3	488.4	429.8	367.3	320.4	285.2	257.9	234.4	207.1	179.7
17.5°	683.8	609.5	547.0	480.6	418.1	359.5	308.7	277.4	254.0	222.7	191.5
15°	808.8	679.9	601.7	535.3	461.1	394.6	339.9	297.0	265.7	234.4	207.1
12.5°	902.6	734.6	648.6	586.1	507.9	433.7	363.4	312.6	277.4	246.2	214.9
10°	1008.1	793.2	687.7	617.3	535.3	453.2	379.0	324.3	285.2	257.9	226.6
7.5°	1094.0	840.1	707.2	629.1	550.9	468.9	394.6	336.0	297.0	265.7	234.4
5°	1172.2	879.1	722.8	633.0	558.7	480.6	402.4	343.8	304.8	273.5	242.2
2.5°	1226.9	914.3	738.5	640.8	566.6	488.4	414.2	351.7	312.6	281.3	250.1
0°	1273.8	926.0	734.6	640.8	570.5	488.4	418.1	355.6	316.5	285.2	254.0
-2.5°	1289.4	945.6	754.1	648.6	578.3	496.2	425.9	359.5	320.4	289.1	261.8
-5°	1289.4	929.9	754.1	656.4	582.2	500.1	425.9	363.4	324.3	293.0	261.8
-7.5°	1242.5	906.5	750.2	664.2	586.1	504.0	425.9	367.3	328.2	297.0	265.7
-10°	1160.5	871.3	746.3	668.1	586.1	500.1	425.9	367.3	328.2	297.0	269.6
-12.5°	1027.6	824.4	726.7	660.3	578.3	492.3	422.0	367.3	328.2	300.9	269.6
-15°	961.2	785.4	703.3	636.9	558.7	480.6	414.2	363.4	328.2	300.9	273.5
-17.5°	871.3	754.1	679.9	613.4	543.1	468.9	406.4	363.4	328.2	297.0	273.5
-20°	808.8	718.9	652.5	593.9	523.6	457.1	402.4	359.5	328.2	297.0	273.5



REPORT NUMBER: P724171
 CATALOG NUMBER: IFLD-M-SA4B-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°	754.1	679.9	621.3	562.6	500.1	441.5	394.6	355.6	324.3	297.0	273.5
-25°	711.1	644.7	590.0	535.3	480.6	429.8	386.8	351.7	320.4	297.0	269.6
-27.5°	672.0	609.5	558.7	507.9	457.1	418.1	379.0	347.7	320.4	293.0	265.7
-30°	629.1	578.3	527.5	480.6	445.4	406.4	371.2	339.9	316.5	289.1	261.8
-32.5°	586.1	539.2	496.2	461.1	429.8	398.5	367.3	336.0	308.7	281.3	254.0
-35°	547.0	504.0	472.8	441.5	418.1	390.7	359.5	328.2	304.8	277.4	254.0
-37.5°	507.9	476.7	449.3	425.9	402.4	379.0	347.7	320.4	297.0	269.6	242.2
-40°	476.7	453.2	433.7	414.2	390.7	363.4	339.9	312.6	289.1	261.8	230.5
-42.5°	457.1	437.6	418.1	398.5	379.0	355.6	332.1	304.8	281.3	254.0	222.7
-45°	437.6	422.0	406.4	390.7	371.2	347.7	320.4	293.0	269.6	242.2	218.8
-47.5°	425.9	410.3	394.6	382.9	367.3	336.0	312.6	285.2	257.9	234.4	207.1
-50°	414.2	398.5	386.8	371.2	351.7	324.3	300.9	273.5	250.1	222.7	199.3
-52.5°	402.4	386.8	371.2	355.6	336.0	312.6	289.1	265.7	238.3	211.0	187.5
-55°	390.7	375.1	359.5	343.8	324.3	304.8	281.3	250.1	222.7	195.4	171.9
-57.5°	379.0	367.3	347.7	328.2	308.7	289.1	261.8	234.4	207.1	179.7	160.2
-60°	363.4	347.7	332.1	308.7	289.1	265.7	242.2	218.8	191.5	168.0	148.5
-62.5°	339.9	324.3	308.7	285.2	265.7	246.2	226.6	199.3	179.7	156.3	136.8
-65°	312.6	297.0	281.3	261.8	242.2	222.7	207.1	183.6	164.1	144.6	128.9
-67.5°	281.3	265.7	254.0	234.4	218.8	199.3	183.6	164.1	144.6	128.9	113.3
-70°	242.2	230.5	218.8	203.2	187.5	171.9	156.3	140.7	125.0	113.3	97.7
-72.5°	207.1	195.4	183.6	171.9	160.2	144.6	132.8	121.1	109.4	97.7	89.9
-75°	168.0	160.2	152.4	144.6	132.8	121.1	113.3	101.6	93.8	86.0	82.1
-77.5°	140.7	132.8	125.0	117.2	109.4	101.6	93.8	86.0	82.1	78.1	74.2
-80°	113.3	109.4	105.5	97.7	93.8	86.0	82.1	74.2	74.2	74.2	74.2
-82.5°	89.9	86.0	82.1	78.1	74.2	70.3	70.3	66.4	70.3	70.3	66.4
-85°	62.5	58.6	54.7	54.7	50.8	50.8	46.9	46.9	46.9	43.0	43.0
-87.5°	27.4	27.4	27.4	27.4	23.4	23.4	23.4	23.4	23.4	19.5	19.5
-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: P724171
 CATALOG NUMBER: IFLD-M-SA4B-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°	7.8	7.8	3.9	3.9	3.9	3.9	3.9	3.9	3.9	0.0	0.0
85°	15.6	15.6	11.7	11.7	11.7	7.8	7.8	3.9	3.9	3.9	3.9
82.5°	35.2	31.3	27.4	23.4	19.5	15.6	11.7	7.8	7.8	3.9	3.9
80°	43.0	43.0	43.0	39.1	31.3	23.4	15.6	11.7	7.8	3.9	3.9
77.5°	31.3	31.3	35.2	39.1	39.1	31.3	19.5	11.7	7.8	7.8	3.9
75°	23.4	23.4	23.4	27.4	31.3	31.3	23.4	15.6	7.8	7.8	3.9
72.5°	23.4	23.4	23.4	23.4	23.4	23.4	23.4	15.6	11.7	7.8	7.8
70°	19.5	19.5	19.5	19.5	19.5	19.5	19.5	15.6	11.7	7.8	7.8
67.5°	15.6	15.6	19.5	19.5	19.5	15.6	15.6	15.6	11.7	7.8	7.8
65°	11.7	15.6	15.6	19.5	15.6	15.6	15.6	11.7	11.7	7.8	7.8
62.5°	11.7	11.7	15.6	15.6	15.6	15.6	11.7	11.7	11.7	7.8	7.8
60°	11.7	11.7	11.7	15.6	11.7	11.7	11.7	11.7	11.7	7.8	7.8
57.5°	11.7	11.7	11.7	11.7	11.7	11.7	11.7	7.8	7.8	7.8	7.8
55°	11.7	11.7	11.7	11.7	11.7	11.7	7.8	7.8	7.8	7.8	7.8
52.5°	15.6	11.7	11.7	11.7	11.7	11.7	7.8	7.8	7.8	7.8	7.8
50°	19.5	11.7	11.7	11.7	11.7	7.8	7.8	7.8	7.8	7.8	7.8
47.5°	27.4	19.5	15.6	11.7	11.7	7.8	7.8	7.8	7.8	7.8	3.9
45°	39.1	27.4	19.5	15.6	11.7	7.8	7.8	7.8	7.8	7.8	3.9
42.5°	46.9	35.2	23.4	19.5	15.6	11.7	7.8	7.8	7.8	3.9	3.9
40°	58.6	46.9	31.3	23.4	15.6	11.7	7.8	7.8	7.8	3.9	3.9
37.5°	74.2	58.6	39.1	27.4	19.5	11.7	11.7	7.8	7.8	3.9	3.9
35°	86.0	66.4	50.8	31.3	23.4	15.6	11.7	7.8	7.8	3.9	3.9
32.5°	97.7	78.1	62.5	39.1	27.4	19.5	15.6	7.8	7.8	3.9	3.9
30°	109.4	89.9	70.3	50.8	35.2	23.4	15.6	7.8	7.8	3.9	3.9
27.5°	121.1	97.7	78.1	58.6	39.1	27.4	19.5	11.7	7.8	3.9	3.9
25°	132.8	109.4	86.0	66.4	43.0	31.3	19.5	11.7	7.8	7.8	3.9
22.5°	140.7	121.1	97.7	74.2	50.8	35.2	23.4	15.6	7.8	7.8	3.9
20°	152.4	132.8	105.5	82.1	58.6	39.1	23.4	15.6	7.8	7.8	3.9
17.5°	164.1	140.7	113.3	89.9	66.4	43.0	27.4	19.5	7.8	7.8	3.9
15°	175.8	148.5	121.1	93.8	70.3	46.9	27.4	19.5	7.8	7.8	3.9
12.5°	187.5	160.2	128.9	101.6	74.2	50.8	31.3	23.4	11.7	7.8	3.9
10°	195.4	168.0	136.8	105.5	78.1	58.6	35.2	23.4	11.7	7.8	3.9
7.5°	207.1	175.8	144.6	113.3	82.1	62.5	39.1	23.4	11.7	7.8	3.9
5°	211.0	183.6	148.5	121.1	86.0	66.4	43.0	27.4	11.7	7.8	3.9
2.5°	214.9	191.5	152.4	125.0	89.9	66.4	43.0	27.4	15.6	7.8	3.9
0°	218.8	195.4	156.3	128.9	93.8	70.3	46.9	27.4	15.6	7.8	3.9
-2.5°	222.7	199.3	164.1	132.8	97.7	74.2	50.8	27.4	15.6	7.8	3.9
-5°	226.6	199.3	171.9	136.8	101.6	74.2	50.8	31.3	19.5	7.8	3.9
-7.5°	230.5	203.2	175.8	140.7	105.5	74.2	54.7	31.3	19.5	11.7	3.9
-10°	234.4	207.1	179.7	144.6	105.5	78.1	54.7	31.3	19.5	11.7	3.9
-12.5°	238.3	211.0	179.7	144.6	109.4	78.1	54.7	35.2	19.5	11.7	3.9
-15°	242.2	211.0	179.7	144.6	109.4	82.1	58.6	35.2	19.5	11.7	7.8
-17.5°	242.2	211.0	179.7	148.5	109.4	82.1	58.6	35.2	19.5	11.7	7.8
-20°	242.2	211.0	179.7	148.5	109.4	82.1	58.6	35.2	19.5	11.7	7.8



REPORT NUMBER: P724171
 CATALOG NUMBER: IFLD-M-SA4B-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°	238.3	207.1	179.7	144.6	109.4	82.1	58.6	35.2	23.4	11.7	7.8
-25°	238.3	207.1	179.7	144.6	109.4	82.1	54.7	35.2	23.4	11.7	7.8
-27.5°	234.4	207.1	175.8	140.7	105.5	78.1	54.7	35.2	23.4	11.7	7.8
-30°	230.5	203.2	171.9	136.8	105.5	78.1	54.7	35.2	23.4	11.7	7.8
-32.5°	226.6	195.4	168.0	132.8	101.6	74.2	54.7	35.2	23.4	11.7	7.8
-35°	218.8	191.5	160.2	128.9	97.7	74.2	50.8	35.2	23.4	15.6	7.8
-37.5°	211.0	183.6	156.3	125.0	93.8	70.3	50.8	35.2	23.4	15.6	7.8
-40°	203.2	179.7	148.5	117.2	89.9	66.4	50.8	35.2	23.4	15.6	11.7
-42.5°	195.4	171.9	144.6	113.3	89.9	66.4	46.9	35.2	23.4	15.6	11.7
-45°	191.5	168.0	136.8	109.4	86.0	66.4	46.9	31.3	23.4	15.6	11.7
-47.5°	183.6	156.3	128.9	105.5	82.1	62.5	43.0	31.3	23.4	15.6	11.7
-50°	171.9	148.5	125.0	101.6	78.1	58.6	43.0	31.3	23.4	15.6	11.7
-52.5°	160.2	136.8	117.2	93.8	74.2	58.6	43.0	31.3	23.4	15.6	11.7
-55°	148.5	128.9	109.4	89.9	70.3	54.7	39.1	31.3	23.4	15.6	11.7
-57.5°	140.7	121.1	101.6	82.1	66.4	50.8	39.1	27.4	19.5	15.6	11.7
-60°	132.8	113.3	93.8	78.1	62.5	50.8	39.1	27.4	19.5	15.6	7.8
-62.5°	121.1	105.5	86.0	74.2	58.6	46.9	35.2	27.4	19.5	15.6	7.8
-65°	109.4	93.8	78.1	66.4	54.7	43.0	35.2	27.4	19.5	15.6	7.8
-67.5°	97.7	86.0	74.2	62.5	50.8	43.0	35.2	27.4	19.5	11.7	7.8
-70°	89.9	78.1	66.4	58.6	50.8	39.1	35.2	27.4	19.5	11.7	7.8
-72.5°	78.1	70.3	62.5	54.7	46.9	43.0	35.2	27.4	15.6	11.7	7.8
-75°	74.2	66.4	58.6	54.7	50.8	43.0	35.2	23.4	15.6	11.7	7.8
-77.5°	74.2	66.4	62.5	58.6	50.8	43.0	31.3	19.5	11.7	11.7	7.8
-80°	74.2	70.3	66.4	54.7	46.9	35.2	23.4	19.5	11.7	7.8	3.9
-82.5°	66.4	54.7	46.9	39.1	35.2	27.4	19.5	15.6	7.8	7.8	3.9
-85°	43.0	35.2	31.3	27.4	23.4	19.5	11.7	7.8	7.8	3.9	3.9
-87.5°	19.5	19.5	15.6	11.7	11.7	7.8	7.8	3.9	3.9	3.9	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: P724171
 CATALOG NUMBER: IFLD-M-SA4B-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°	3.9	0.0	0.0	0.0
77.5°	3.9	0.0	0.0	0.0
75°	3.9	3.9	0.0	0.0
72.5°	3.9	3.9	0.0	0.0
70°	3.9	3.9	0.0	0.0
67.5°	3.9	3.9	0.0	0.0
65°	3.9	3.9	0.0	0.0
62.5°	3.9	3.9	0.0	0.0
60°	3.9	3.9	0.0	0.0
57.5°	3.9	3.9	3.9	0.0
55°	3.9	3.9	3.9	0.0
52.5°	3.9	3.9	3.9	0.0
50°	3.9	3.9	3.9	0.0
47.5°	3.9	3.9	3.9	0.0
45°	3.9	3.9	3.9	0.0
42.5°	3.9	3.9	3.9	0.0
40°	3.9	3.9	3.9	0.0
37.5°	3.9	3.9	3.9	0.0
35°	3.9	3.9	3.9	0.0
32.5°	3.9	3.9	3.9	0.0
30°	3.9	3.9	3.9	0.0
27.5°	3.9	3.9	3.9	0.0
25°	3.9	3.9	3.9	0.0
22.5°	3.9	3.9	3.9	0.0
20°	3.9	3.9	3.9	0.0
17.5°	3.9	3.9	3.9	0.0
15°	3.9	3.9	3.9	0.0
12.5°	3.9	3.9	3.9	0.0
10°	3.9	3.9	3.9	0.0
7.5°	3.9	3.9	3.9	0.0
5°	3.9	3.9	3.9	0.0
2.5°	3.9	3.9	3.9	0.0
0°	3.9	3.9	3.9	0.0
-2.5°	3.9	3.9	3.9	0.0
-5°	3.9	3.9	3.9	0.0
-7.5°	3.9	3.9	3.9	0.0
-10°	3.9	3.9	3.9	0.0
-12.5°	3.9	3.9	3.9	0.0
-15°	3.9	3.9	3.9	0.0
-17.5°	3.9	3.9	3.9	0.0
-20°	3.9	3.9	3.9	0.0



REPORT NUMBER: P724171
CATALOG NUMBER: IFLD-M-SA4B-750-U-22-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	3.9	3.9	3.9	0.0
-25°	3.9	3.9	3.9	0.0
-27.5°	3.9	3.9	3.9	0.0
-30°	3.9	3.9	3.9	0.0
-32.5°	3.9	3.9	3.9	0.0
-35°	3.9	3.9	3.9	0.0
-37.5°	3.9	3.9	3.9	0.0
-40°	3.9	3.9	3.9	0.0
-42.5°	3.9	3.9	3.9	0.0
-45°	3.9	3.9	3.9	0.0
-47.5°	3.9	3.9	3.9	0.0
-50°	3.9	3.9	3.9	0.0
-52.5°	3.9	3.9	3.9	0.0
-55°	3.9	3.9	3.9	0.0
-57.5°	3.9	3.9	3.9	0.0
-60°	3.9	3.9	0.0	0.0
-62.5°	3.9	3.9	0.0	0.0
-65°	3.9	3.9	0.0	0.0
-67.5°	3.9	3.9	0.0	0.0
-70°	3.9	3.9	0.0	0.0
-72.5°	3.9	3.9	0.0	0.0
-75°	3.9	3.9	0.0	0.0
-77.5°	3.9	0.0	0.0	0.0
-80°	3.9	0.0	0.0	0.0
-82.5°	3.9	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)