

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: P640016

Luminaire Tested: **IFLD-L-SA8A-AMB-U-33-VI**

Issue Date: 02/09/2023

Test Information

Test Method: LM-79-2019
Report Number: P640016
Test Lab: INNOVATION CENTER(G2)
Issue Date: 02/09/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-L-SA8A-AMB-U-33-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ 3 distribution lens and VISOR
Light Source: (128) 1620K CCT, 0 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	2H x 2V
Luminaire Lumens:	8028.6 lumens	Max Intensity:	100616.1 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	32.4 lumens/watt		
Luminous Opening:	Rectangular (W 2' x L: 1' x H: 0')		

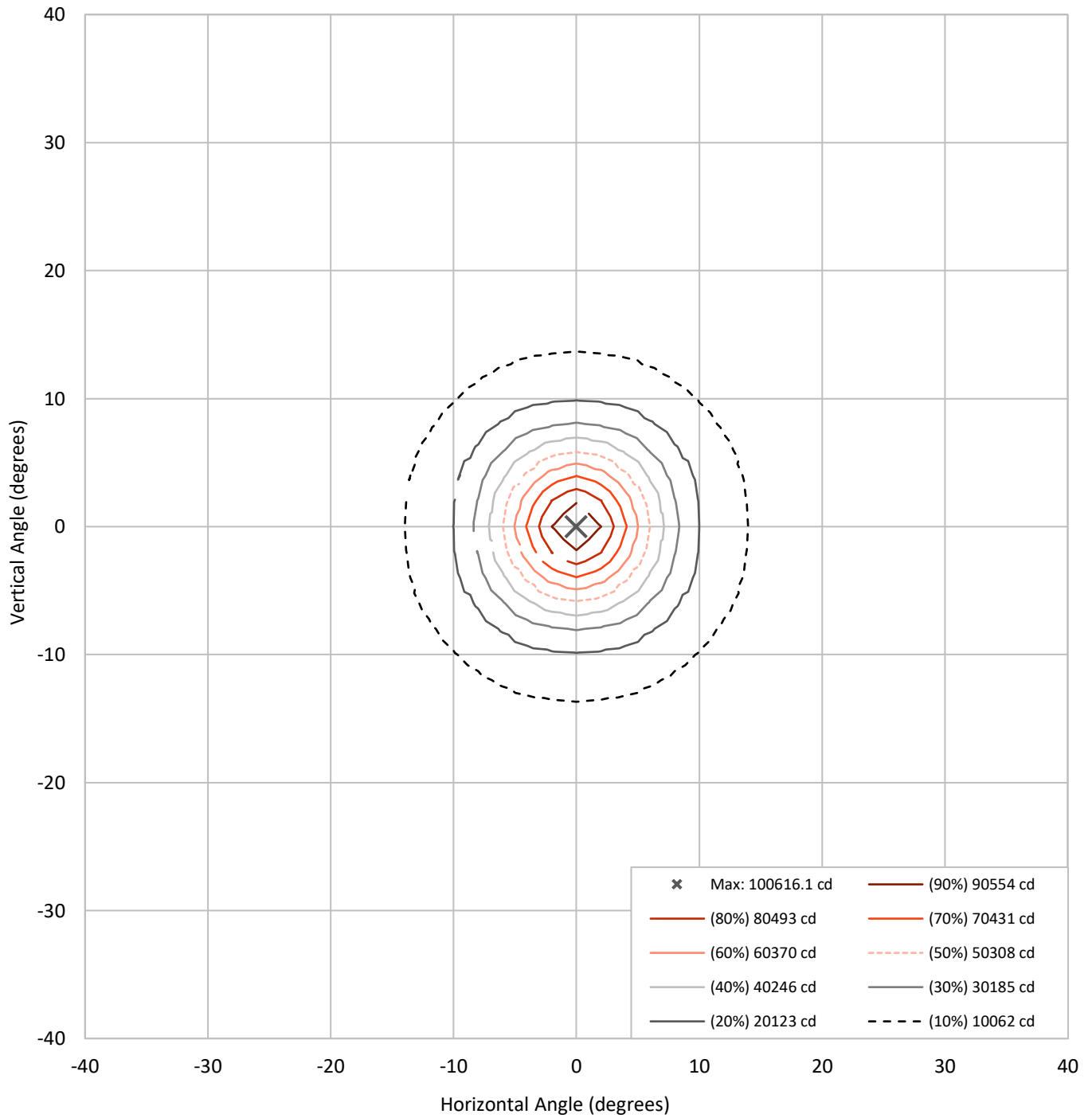
Beam Angle (50%):	12°H x 11.7°V	Field Angle (10%):	27.9°H x 27.2°V
Beam Lumens:	2149.2 lumens	Field Lumens:	5452.3 lumens
Beam Efficiency:	26.8%	Field Efficiency:	67.9%

Input Watts (W): 247.8
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: 25 FT



REPORT NUMBER: P640016
CATALOG NUMBER: IFLD-L-SA8A-AMB-U-33-VI

Iso-Candela Plot





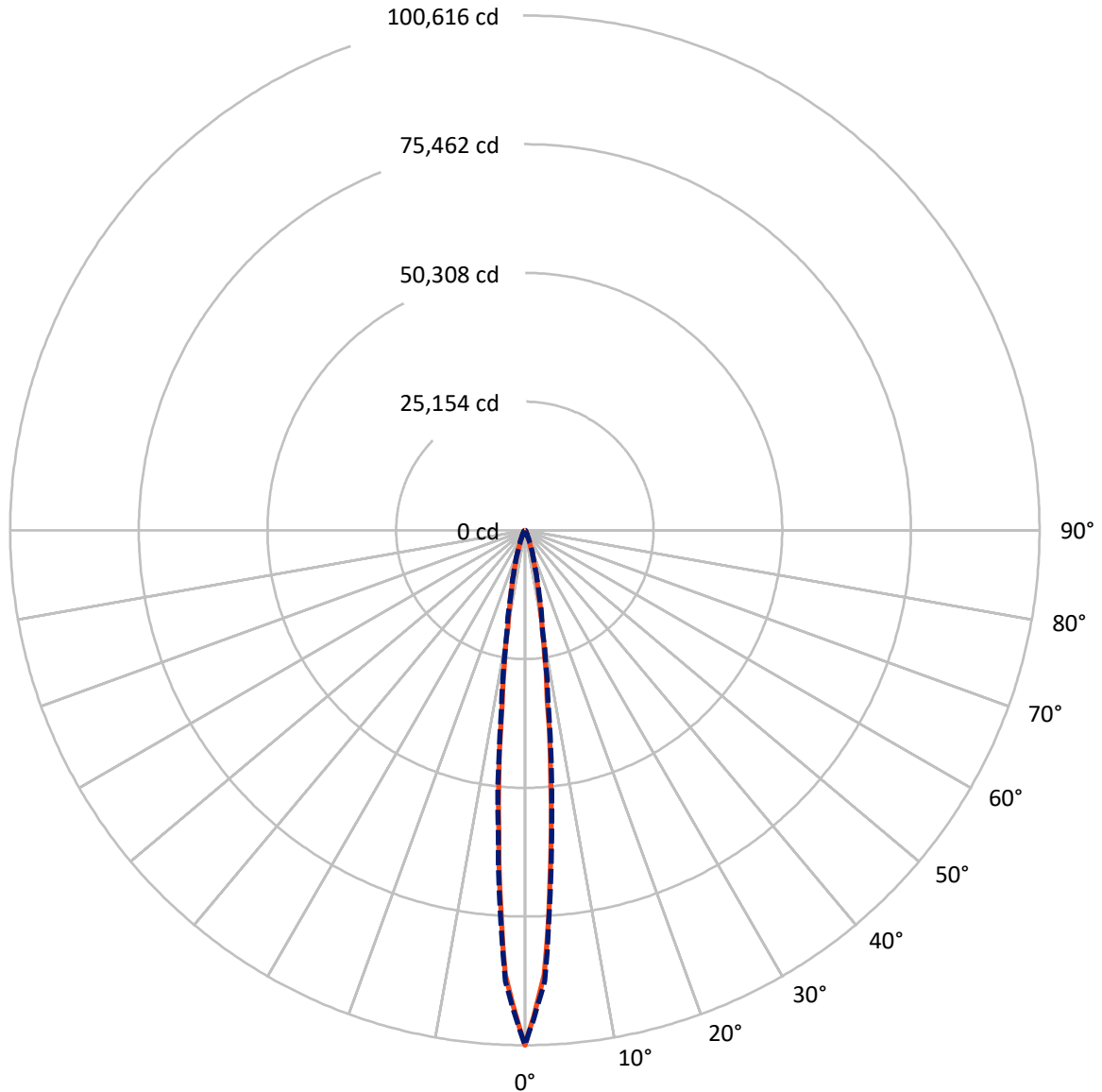
REPORT NUMBER: P640016
 CATALOG NUMBER: IFLD-L-SA8A-AMB-U-33-VI

Lumen Table

90	0.1	0.7		1.7		2.9		3.1		2.9		1.7		0.7		0.1
80	0.1	0.7		1.7		2.9		3.1		2.9		1.7		0.7		0.1
70	0.1	0.2	0.5	0.8	1.2	1.5	1.9	2.1	2.1	1.9	1.5	1.2	0.8	0.5	0.2	0.1
60		0.2	0.6	1.1	1.8	2.5	3.2	3.5	3.5	3.2	2.5	1.8	1.1	0.6	0.2	
50	0.1	0.3	0.8	1.6	2.7	3.8	5.2	6.0	6.0	5.2	3.8	2.7	1.6	0.8	0.3	0.1
40		0.3	1.1	2.2	3.8	6.1	9.5	11.9	11.9	9.5	6.1	3.8	2.2	1.1	0.3	
30	0.1	0.4	1.3	2.8	5.4	10.5	24.1	40.9	40.9	24.1	10.5	5.4	2.8	1.3	0.4	0.1
20		0.5	1.6	3.5	7.5	23.3	96.0	229.3	229.3	96.0	23.3	7.5	3.5	1.6	0.5	
10	0.2	0.5	1.7	3.8	9.0	40.6	236.5	1184.1	1184.1	236.5	40.6	9.0	3.8	1.7	0.5	0.2
0		0.5	1.7	3.8	9.0	40.6	236.5	1184.1	1184.1	236.5	40.6	9.0	3.8	1.7	0.5	
-10	0.1	0.5	1.6	3.5	7.5	23.3	96.0	229.3	229.3	96.0	23.3	7.5	3.5	1.6	0.5	0.1
-20		0.4	1.3	2.8	5.4	10.5	24.1	40.9	40.9	24.1	10.5	5.4	2.8	1.3	0.4	
-30	0.1	0.3	1.1	2.2	3.8	6.1	9.5	11.9	11.9	9.5	6.1	3.8	2.2	1.1	0.3	0.1
-40		0.3	0.8	1.6	2.7	3.8	5.2	6.0	6.0	5.2	3.8	2.7	1.6	0.8	0.3	
-50	0.1	0.2	0.6	1.1	1.8	2.5	3.2	3.5	3.5	3.2	2.5	1.8	1.1	0.6	0.2	0.1
-60		0.2	0.5	0.8	1.2	1.5	1.9	2.1	2.1	1.9	1.5	1.2	0.8	0.5	0.2	
-70	0.1	0.2	0.5	0.8	1.2	1.5	1.9	2.1	2.1	1.9	1.5	1.2	0.8	0.5	0.2	0.1
-80		0.2	0.5	0.8	1.2	1.5	1.9	2.1	2.1	1.9	1.5	1.2	0.8	0.5	0.2	
-90	0.1	0.7		1.7		2.9		3.1		2.9		1.7		0.7		0.1

REPORT NUMBER: P640016
CATALOG NUMBER: IFLD-L-SA8A-AMB-U-33-VI

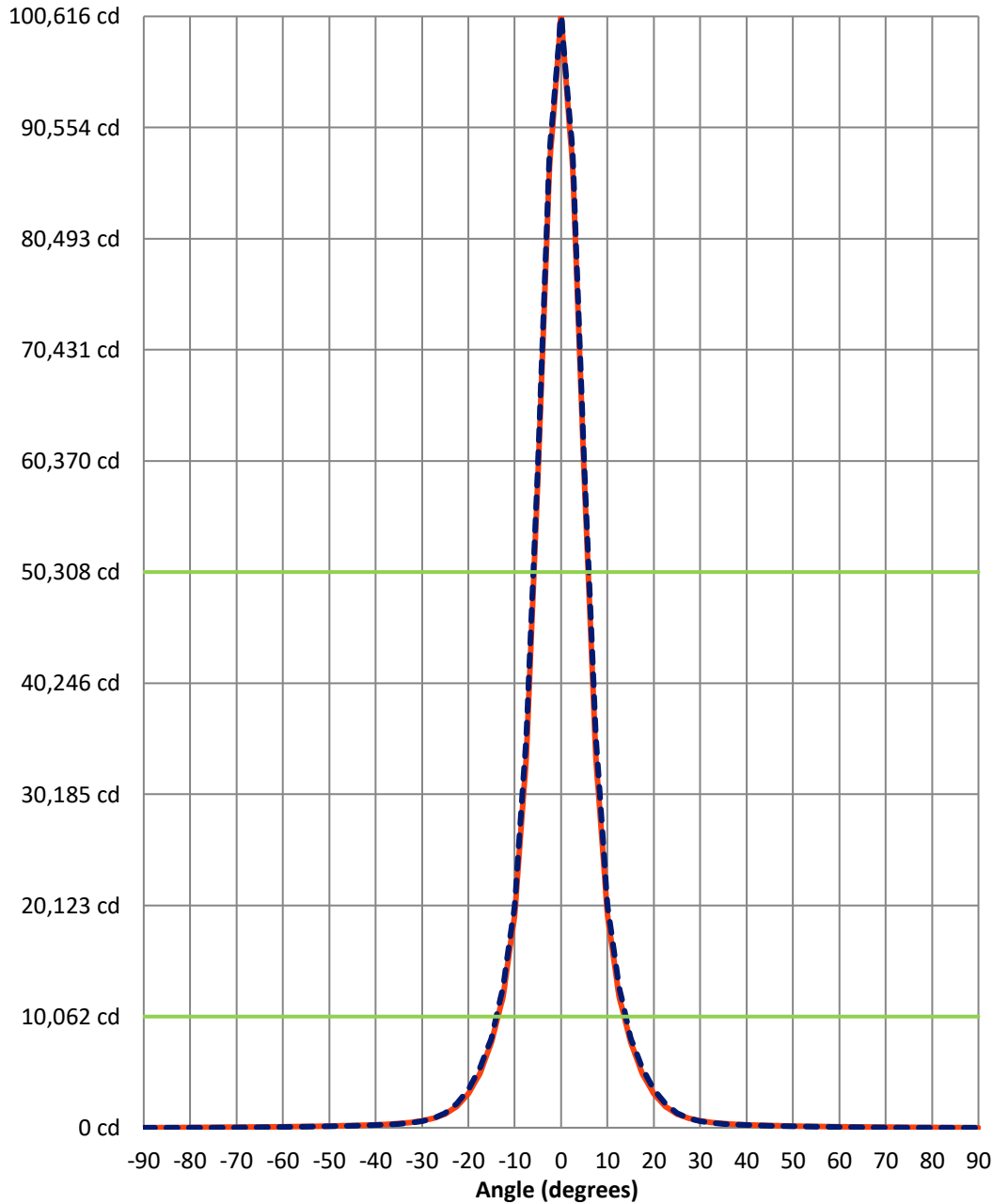
Luminous Intensity Polar Plot



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

REPORT NUMBER: P640016
CATALOG NUMBER: IFLD-L-SA8A-AMB-U-33-VI

Luminous Intensity Plot



Beam:
H Angle: 12°
V Angle: 11.7°
Lumens: 2149.2
Efficiency: 26.8%

Field:
H Angle: 27.9°
V Angle: 27.2°
Lumens: 5452.3
Efficiency: 67.9%

Spill:
Lumens: 2576.3
Efficiency: 32.1%

— Vertical Distribution through 0-Deg
- - - Horizontal Distribution through 0-Deg



REPORT NUMBER: P640016
 CATALOG NUMBER: IFLD-L-SA8A-AMB-U-33-VI

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°	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4
85°	11.1	11.1	11.1	11.1	14.8	14.8	14.8	14.8	11.1	11.1	11.1
82.5°	14.8	18.6	18.6	18.6	18.6	22.3	22.3	22.3	22.3	18.6	18.6
80°	22.3	22.3	22.3	26.0	26.0	29.7	33.4	29.7	29.7	29.7	26.0
77.5°	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7
75°	37.1	37.1	37.1	37.1	37.1	37.1	37.1	33.4	33.4	33.4	33.4
72.5°	52.0	48.2	48.2	48.2	48.2	44.5	44.5	44.5	40.8	40.8	40.8
70°	55.7	55.7	55.7	55.7	55.7	55.7	52.0	52.0	48.2	48.2	44.5
67.5°	63.1	63.1	63.1	63.1	63.1	63.1	59.4	55.7	55.7	52.0	48.2
65°	70.5	70.5	70.5	70.5	70.5	66.8	66.8	63.1	59.4	55.7	55.7
62.5°	77.9	77.9	77.9	77.9	77.9	74.2	74.2	70.5	66.8	63.1	63.1
60°	85.4	85.4	85.4	85.4	85.4	85.4	81.6	81.6	74.2	70.5	70.5
57.5°	103.9	103.9	103.9	100.2	100.2	100.2	96.5	92.8	89.1	85.4	81.6
55°	115.0	115.0	115.0	115.0	111.3	111.3	107.6	103.9	96.5	92.8	89.1
52.5°	129.9	126.2	126.2	126.2	126.2	122.5	118.8	115.0	107.6	103.9	100.2
50°	148.4	148.4	148.4	144.7	144.7	141.0	137.3	129.9	122.5	118.8	115.0
47.5°	174.4	174.4	170.7	170.7	167.0	163.3	155.9	148.4	141.0	133.6	126.2
45°	200.4	196.7	193.0	193.0	189.3	181.8	174.4	167.0	155.9	144.7	137.3
42.5°	230.1	226.4	222.7	222.7	219.0	207.8	200.4	189.3	174.4	163.3	148.4
40°	259.8	259.8	259.8	256.1	252.4	244.9	230.1	219.0	200.4	181.8	167.0
37.5°	308.0	308.0	304.3	304.3	296.9	285.8	270.9	252.4	230.1	207.8	189.3
35°	382.2	382.2	374.8	367.4	356.3	337.7	319.2	293.2	267.2	241.2	215.2
32.5°	471.3	475.0	463.9	452.8	430.5	404.5	374.8	341.4	304.3	274.6	244.9
30°	623.5	616.0	601.2	578.9	538.1	493.6	449.0	400.8	352.6	308.0	274.6
27.5°	861.0	838.7	816.4	771.9	708.8	627.2	560.4	486.2	419.4	352.6	304.3
25°	1239.5	1228.4	1183.8	1102.2	979.7	849.8	738.5	608.6	512.1	415.6	348.8
22.5°	1922.4	1889.0	1799.9	1651.5	1421.4	1209.8	1016.8	812.7	638.3	512.1	411.9
20°	3080.2	3002.3	2857.6	2564.4	2159.9	1811.0	1436.2	1135.6	838.7	638.3	493.6
17.5°	4909.8	4850.4	4572.1	3989.5	3384.5	2768.5	2145.0	1610.6	1157.9	831.3	597.5
15°	7771.1	7422.3	6939.8	6034.3	4998.9	3970.9	3043.1	2197.0	1510.4	1061.4	745.9
12.5°	11909.0	11497.1	10524.8	8754.5	7040.0	5377.4	4034.0	2902.1	1970.6	1298.9	872.1
10°	19331.3	18566.8	16258.4	12413.7	9723.2	7136.5	5151.0	3659.2	2401.1	1562.4	1024.3
7.5°	33596.8	31377.6	25588.2	18076.9	12558.5	9025.5	6383.1	4408.8	2898.4	1825.9	1154.2
5°	58884.4	53766.8	39018.8	25885.1	16711.2	11044.3	7392.6	4987.8	3247.2	2015.1	1250.6
2.5°	86944.3	76345.3	54249.2	32773.0	19676.4	12231.9	7956.7	5299.5	3440.2	2122.8	1298.9
0°	100616.1	88176.4	59979.2	35474.7	20162.6	12777.4	8138.5	5414.5	3451.3	2182.1	1328.6
-2.5°	86944.3	76345.3	54249.2	32773.0	19676.4	12231.9	7956.7	5299.5	3440.2	2122.8	1298.9
-5°	58884.4	53766.8	39018.8	25885.1	16711.2	11044.3	7392.6	4987.8	3247.2	2015.1	1250.6
-7.5°	33596.8	31377.6	25588.2	18076.9	12558.5	9025.5	6383.1	4408.8	2898.4	1825.9	1154.2
-10°	19331.3	18566.8	16258.4	12413.7	9723.2	7136.5	5151.0	3659.2	2401.1	1562.4	1024.3
-12.5°	11909.0	11497.1	10524.8	8754.5	7040.0	5377.4	4034.0	2902.1	1970.6	1298.9	872.1
-15°	7771.1	7422.3	6939.8	6034.3	4998.9	3970.9	3043.1	2197.0	1510.4	1061.4	745.9
-17.5°	4909.8	4850.4	4572.1	3989.5	3384.5	2768.5	2145.0	1610.6	1157.9	831.3	597.5
-20°	3080.2	3002.3	2857.6	2564.4	2159.9	1811.0	1436.2	1135.6	838.7	638.3	493.6



REPORT NUMBER: P640016
 CATALOG NUMBER: IFLD-L-SA8A-AMB-U-33-VI

CANDELA DISTRIBUTION (continued):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
-22.5°	1922.4	1889.0	1799.9	1651.5	1421.4	1209.8	1016.8	812.7	638.3	512.1	411.9
-25°	1239.5	1228.4	1183.8	1102.2	979.7	849.8	738.5	608.6	512.1	415.6	348.8
-27.5°	861.0	838.7	816.4	771.9	708.8	627.2	560.4	486.2	419.4	352.6	304.3
-30°	623.5	616.0	601.2	578.9	538.1	493.6	449.0	400.8	352.6	308.0	274.6
-32.5°	471.3	475.0	463.9	452.8	430.5	404.5	374.8	341.4	304.3	274.6	244.9
-35°	382.2	382.2	374.8	367.4	356.3	337.7	319.2	293.2	267.2	241.2	215.2
-37.5°	308.0	308.0	304.3	304.3	296.9	285.8	270.9	252.4	230.1	207.8	189.3
-40°	259.8	259.8	259.8	256.1	252.4	244.9	230.1	219.0	200.4	181.8	167.0
-42.5°	230.1	226.4	222.7	222.7	219.0	207.8	200.4	189.3	174.4	163.3	148.4
-45°	200.4	196.7	193.0	193.0	189.3	181.8	174.4	167.0	155.9	144.7	137.3
-47.5°	174.4	174.4	170.7	170.7	167.0	163.3	155.9	148.4	141.0	133.6	126.2
-50°	148.4	148.4	148.4	144.7	144.7	141.0	137.3	129.9	122.5	118.8	115.0
-52.5°	129.9	126.2	126.2	126.2	126.2	122.5	118.8	115.0	107.6	103.9	100.2
-55°	115.0	115.0	115.0	115.0	111.3	111.3	107.6	103.9	96.5	92.8	89.1
-57.5°	103.9	103.9	103.9	100.2	100.2	100.2	96.5	92.8	89.1	85.4	81.6
-60°	85.4	85.4	85.4	85.4	85.4	85.4	81.6	81.6	74.2	70.5	70.5
-62.5°	77.9	77.9	77.9	77.9	77.9	74.2	74.2	70.5	66.8	63.1	63.1
-65°	70.5	70.5	70.5	70.5	70.5	66.8	66.8	63.1	59.4	55.7	55.7
-67.5°	63.1	63.1	63.1	63.1	63.1	63.1	59.4	55.7	55.7	52.0	48.2
-70°	55.7	55.7	55.7	55.7	55.7	55.7	52.0	52.0	48.2	48.2	44.5
-72.5°	52.0	48.2	48.2	48.2	48.2	44.5	44.5	44.5	40.8	40.8	40.8
-75°	37.1	37.1	37.1	37.1	37.1	37.1	37.1	33.4	33.4	33.4	33.4
-77.5°	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7
-80°	22.3	22.3	22.3	26.0	26.0	29.7	33.4	29.7	29.7	29.7	26.0
-82.5°	14.8	18.6	18.6	18.6	18.6	22.3	22.3	22.3	22.3	18.6	18.6
-85°	11.1	11.1	11.1	11.1	14.8	14.8	14.8	14.8	11.1	11.1	11.1
-87.5°	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4
-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: P640016
 CATALOG NUMBER: IFLD-L-SA8A-AMB-U-33-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°	7.4	7.4	7.4	7.4	3.7	3.7	3.7	3.7	3.7	3.7	3.7
85°	11.1	11.1	11.1	11.1	11.1	11.1	7.4	7.4	7.4	7.4	7.4
82.5°	18.6	18.6	18.6	14.8	14.8	14.8	11.1	11.1	14.8	14.8	14.8
80°	26.0	22.3	22.3	18.6	18.6	18.6	14.8	14.8	14.8	14.8	14.8
77.5°	29.7	26.0	26.0	22.3	22.3	18.6	18.6	18.6	14.8	14.8	14.8
75°	29.7	29.7	26.0	26.0	26.0	26.0	26.0	22.3	18.6	18.6	18.6
72.5°	40.8	40.8	37.1	37.1	33.4	33.4	33.4	33.4	29.7	26.0	22.3
70°	44.5	44.5	44.5	40.8	40.8	37.1	37.1	33.4	33.4	29.7	29.7
67.5°	48.2	48.2	48.2	44.5	44.5	40.8	40.8	37.1	37.1	33.4	29.7
65°	52.0	52.0	48.2	48.2	44.5	44.5	40.8	37.1	37.1	33.4	33.4
62.5°	59.4	55.7	52.0	52.0	48.2	44.5	44.5	40.8	37.1	33.4	33.4
60°	66.8	63.1	59.4	55.7	52.0	48.2	44.5	40.8	37.1	33.4	33.4
57.5°	77.9	74.2	70.5	63.1	59.4	52.0	48.2	44.5	40.8	33.4	33.4
55°	85.4	81.6	77.9	70.5	66.8	59.4	55.7	48.2	44.5	37.1	33.4
52.5°	96.5	89.1	85.4	77.9	74.2	66.8	63.1	55.7	48.2	44.5	37.1
50°	107.6	103.9	96.5	89.1	81.6	74.2	66.8	63.1	55.7	48.2	40.8
47.5°	118.8	115.0	107.6	100.2	92.8	81.6	74.2	66.8	59.4	55.7	48.2
45°	129.9	122.5	115.0	111.3	100.2	92.8	81.6	74.2	66.8	59.4	52.0
42.5°	141.0	133.6	126.2	118.8	107.6	100.2	89.1	81.6	74.2	66.8	55.7
40°	155.9	144.7	137.3	126.2	118.8	107.6	96.5	85.4	77.9	70.5	63.1
37.5°	174.4	163.3	148.4	137.3	129.9	118.8	107.6	96.5	85.4	77.9	66.8
35°	196.7	181.8	167.0	152.2	141.0	129.9	115.0	103.9	92.8	81.6	74.2
32.5°	222.7	200.4	181.8	167.0	152.2	137.3	122.5	111.3	100.2	85.4	77.9
30°	244.9	222.7	200.4	181.8	163.3	144.7	129.9	118.8	103.9	92.8	81.6
27.5°	270.9	241.2	219.0	196.7	174.4	152.2	137.3	122.5	111.3	96.5	85.4
25°	300.6	263.5	237.5	211.5	185.6	163.3	144.7	129.9	115.0	103.9	89.1
22.5°	337.7	293.2	259.8	230.1	200.4	170.7	152.2	137.3	122.5	107.6	92.8
20°	393.4	330.3	285.8	248.6	215.2	185.6	163.3	144.7	129.9	111.3	96.5
17.5°	460.2	378.5	319.2	270.9	230.1	200.4	174.4	152.2	133.6	118.8	100.2
15°	545.5	423.1	345.1	289.5	244.9	211.5	181.8	159.6	137.3	122.5	103.9
12.5°	612.3	463.9	371.1	311.7	263.5	226.4	189.3	163.3	141.0	122.5	107.6
10°	697.7	508.4	397.1	326.6	274.6	230.1	196.7	167.0	144.7	126.2	111.3
7.5°	764.5	541.8	415.6	334.0	278.3	233.8	200.4	170.7	144.7	126.2	111.3
5°	812.7	567.8	423.1	337.7	282.0	237.5	200.4	170.7	148.4	129.9	111.3
2.5°	842.4	590.1	434.2	341.4	285.8	241.2	204.1	174.4	148.4	129.9	111.3
0°	842.4	590.1	437.9	341.4	285.8	244.9	204.1	174.4	148.4	129.9	111.3
-2.5°	842.4	590.1	434.2	341.4	285.8	241.2	204.1	174.4	148.4	129.9	111.3
-5°	812.7	567.8	423.1	337.7	282.0	237.5	200.4	170.7	148.4	129.9	111.3
-7.5°	764.5	541.8	415.6	334.0	278.3	233.8	200.4	170.7	144.7	126.2	111.3
-10°	697.7	508.4	397.1	326.6	274.6	230.1	196.7	167.0	144.7	126.2	111.3
-12.5°	612.3	463.9	371.1	311.7	263.5	226.4	189.3	163.3	141.0	122.5	107.6
-15°	545.5	423.1	345.1	289.5	244.9	211.5	181.8	159.6	137.3	122.5	103.9
-17.5°	460.2	378.5	319.2	270.9	230.1	200.4	174.4	152.2	133.6	118.8	100.2
-20°	393.4	330.3	285.8	248.6	215.2	185.6	163.3	144.7	129.9	111.3	96.5



REPORT NUMBER: P640016
 CATALOG NUMBER: IFLD-L-SA8A-AMB-U-33-VI

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
-22.5°	337.7	293.2	259.8	230.1	200.4	170.7	152.2	137.3	122.5	107.6	92.8
-25°	300.6	263.5	237.5	211.5	185.6	163.3	144.7	129.9	115.0	103.9	89.1
-27.5°	270.9	241.2	219.0	196.7	174.4	152.2	137.3	122.5	111.3	96.5	85.4
-30°	244.9	222.7	200.4	181.8	163.3	144.7	129.9	118.8	103.9	92.8	81.6
-32.5°	222.7	200.4	181.8	167.0	152.2	137.3	122.5	111.3	100.2	85.4	77.9
-35°	196.7	181.8	167.0	152.2	141.0	129.9	115.0	103.9	92.8	81.6	74.2
-37.5°	174.4	163.3	148.4	137.3	129.9	118.8	107.6	96.5	85.4	77.9	66.8
-40°	155.9	144.7	137.3	126.2	118.8	107.6	96.5	85.4	77.9	70.5	63.1
-42.5°	141.0	133.6	126.2	118.8	107.6	100.2	89.1	81.6	74.2	66.8	55.7
-45°	129.9	122.5	115.0	111.3	100.2	92.8	81.6	74.2	66.8	59.4	52.0
-47.5°	118.8	115.0	107.6	100.2	92.8	81.6	74.2	66.8	59.4	55.7	48.2
-50°	107.6	103.9	96.5	89.1	81.6	74.2	66.8	63.1	55.7	48.2	40.8
-52.5°	96.5	89.1	85.4	77.9	74.2	66.8	63.1	55.7	48.2	44.5	37.1
-55°	85.4	81.6	77.9	70.5	66.8	59.4	55.7	48.2	44.5	37.1	33.4
-57.5°	77.9	74.2	70.5	63.1	59.4	52.0	48.2	44.5	40.8	33.4	33.4
-60°	66.8	63.1	59.4	55.7	52.0	48.2	44.5	40.8	37.1	33.4	33.4
-62.5°	59.4	55.7	52.0	52.0	48.2	44.5	44.5	40.8	37.1	33.4	33.4
-65°	52.0	52.0	48.2	48.2	44.5	44.5	40.8	37.1	37.1	33.4	33.4
-67.5°	48.2	48.2	48.2	44.5	44.5	40.8	40.8	37.1	37.1	33.4	29.7
-70°	44.5	44.5	44.5	40.8	40.8	37.1	37.1	33.4	33.4	29.7	29.7
-72.5°	40.8	40.8	37.1	37.1	33.4	33.4	33.4	33.4	29.7	26.0	22.3
-75°	29.7	29.7	26.0	26.0	26.0	26.0	26.0	22.3	18.6	18.6	18.6
-77.5°	29.7	26.0	26.0	22.3	22.3	18.6	18.6	18.6	14.8	14.8	14.8
-80°	26.0	22.3	22.3	18.6	18.6	18.6	14.8	14.8	14.8	14.8	14.8
-82.5°	18.6	18.6	18.6	14.8	14.8	14.8	11.1	11.1	14.8	14.8	14.8
-85°	11.1	11.1	11.1	11.1	11.1	11.1	7.4	7.4	7.4	7.4	7.4
-87.5°	7.4	7.4	7.4	7.4	3.7	3.7	3.7	3.7	3.7	3.7	3.7
-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: P640016
 CATALOG NUMBER: IFLD-L-SA8A-AMB-U-33-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°	3.7	3.7	3.7	3.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	7.4	7.4	3.7	3.7	3.7	3.7	3.7	3.7	3.7	0.0	0.0
82.5°	14.8	14.8	11.1	7.4	7.4	3.7	3.7	3.7	3.7	0.0	0.0
80°	18.6	18.6	14.8	14.8	11.1	7.4	7.4	3.7	3.7	3.7	0.0
77.5°	14.8	14.8	14.8	14.8	14.8	11.1	7.4	7.4	3.7	3.7	0.0
75°	18.6	14.8	14.8	14.8	14.8	11.1	11.1	7.4	3.7	3.7	0.0
72.5°	22.3	18.6	18.6	14.8	14.8	11.1	11.1	7.4	7.4	3.7	3.7
70°	26.0	22.3	18.6	18.6	14.8	11.1	11.1	7.4	7.4	3.7	3.7
67.5°	29.7	26.0	22.3	18.6	14.8	11.1	11.1	7.4	7.4	3.7	3.7
65°	29.7	26.0	22.3	22.3	14.8	14.8	11.1	7.4	7.4	3.7	3.7
62.5°	29.7	26.0	22.3	22.3	18.6	14.8	11.1	7.4	7.4	3.7	3.7
60°	29.7	26.0	22.3	22.3	18.6	14.8	11.1	7.4	7.4	3.7	3.7
57.5°	29.7	26.0	22.3	22.3	18.6	14.8	11.1	7.4	7.4	3.7	3.7
55°	29.7	26.0	22.3	18.6	18.6	14.8	11.1	7.4	7.4	3.7	3.7
52.5°	33.4	29.7	22.3	18.6	18.6	14.8	11.1	7.4	7.4	3.7	3.7
50°	37.1	29.7	26.0	18.6	18.6	14.8	11.1	7.4	7.4	3.7	3.7
47.5°	40.8	33.4	26.0	22.3	18.6	14.8	11.1	7.4	7.4	3.7	3.7
45°	44.5	37.1	29.7	22.3	18.6	14.8	11.1	7.4	7.4	3.7	3.7
42.5°	48.2	40.8	33.4	26.0	18.6	14.8	11.1	7.4	7.4	3.7	3.7
40°	52.0	44.5	33.4	26.0	18.6	14.8	11.1	7.4	7.4	3.7	3.7
37.5°	55.7	48.2	37.1	29.7	22.3	14.8	11.1	7.4	7.4	3.7	3.7
35°	59.4	52.0	40.8	29.7	22.3	14.8	11.1	7.4	7.4	3.7	3.7
32.5°	66.8	55.7	44.5	33.4	26.0	18.6	11.1	7.4	7.4	3.7	3.7
30°	70.5	59.4	48.2	37.1	26.0	18.6	11.1	7.4	7.4	3.7	3.7
27.5°	70.5	59.4	52.0	37.1	29.7	18.6	14.8	11.1	7.4	3.7	3.7
25°	74.2	63.1	52.0	40.8	29.7	22.3	14.8	11.1	7.4	3.7	3.7
22.5°	77.9	66.8	55.7	44.5	33.4	22.3	14.8	11.1	7.4	3.7	3.7
20°	81.6	70.5	55.7	44.5	33.4	22.3	14.8	11.1	7.4	3.7	3.7
17.5°	85.4	70.5	59.4	44.5	33.4	26.0	14.8	11.1	7.4	3.7	3.7
15°	89.1	74.2	59.4	48.2	37.1	26.0	14.8	11.1	7.4	3.7	3.7
12.5°	89.1	77.9	63.1	48.2	37.1	26.0	18.6	11.1	7.4	3.7	3.7
10°	92.8	77.9	63.1	48.2	37.1	26.0	18.6	11.1	7.4	3.7	3.7
7.5°	92.8	77.9	63.1	52.0	37.1	26.0	18.6	11.1	7.4	3.7	3.7
5°	92.8	81.6	63.1	52.0	37.1	26.0	18.6	11.1	7.4	3.7	3.7
2.5°	92.8	81.6	63.1	52.0	37.1	26.0	18.6	11.1	7.4	3.7	3.7
0°	92.8	81.6	63.1	52.0	37.1	26.0	18.6	11.1	7.4	3.7	3.7
-2.5°	92.8	81.6	63.1	52.0	37.1	26.0	18.6	11.1	7.4	3.7	3.7
-5°	92.8	81.6	63.1	52.0	37.1	26.0	18.6	11.1	7.4	3.7	3.7
-7.5°	92.8	77.9	63.1	52.0	37.1	26.0	18.6	11.1	7.4	3.7	3.7
-10°	92.8	77.9	63.1	48.2	37.1	26.0	18.6	11.1	7.4	3.7	3.7
-12.5°	89.1	77.9	63.1	48.2	37.1	26.0	18.6	11.1	7.4	3.7	3.7
-15°	89.1	74.2	59.4	48.2	37.1	26.0	14.8	11.1	7.4	3.7	3.7
-17.5°	85.4	70.5	59.4	44.5	33.4	26.0	14.8	11.1	7.4	3.7	3.7
-20°	81.6	70.5	55.7	44.5	33.4	22.3	14.8	11.1	7.4	3.7	3.7



REPORT NUMBER: P640016
 CATALOG NUMBER: IFLD-L-SA8A-AMB-U-33-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	77.9	66.8	55.7	44.5	33.4	22.3	14.8	11.1	7.4	3.7	3.7
-25°	74.2	63.1	52.0	40.8	29.7	22.3	14.8	11.1	7.4	3.7	3.7
-27.5°	70.5	59.4	52.0	37.1	29.7	18.6	14.8	11.1	7.4	3.7	3.7
-30°	70.5	59.4	48.2	37.1	26.0	18.6	11.1	7.4	7.4	3.7	3.7
-32.5°	66.8	55.7	44.5	33.4	26.0	18.6	11.1	7.4	7.4	3.7	3.7
-35°	59.4	52.0	40.8	29.7	22.3	14.8	11.1	7.4	7.4	3.7	3.7
-37.5°	55.7	48.2	37.1	29.7	22.3	14.8	11.1	7.4	7.4	3.7	3.7
-40°	52.0	44.5	33.4	26.0	18.6	14.8	11.1	7.4	7.4	3.7	3.7
-42.5°	48.2	40.8	33.4	26.0	18.6	14.8	11.1	7.4	7.4	3.7	3.7
-45°	44.5	37.1	29.7	22.3	18.6	14.8	11.1	7.4	7.4	3.7	3.7
-47.5°	40.8	33.4	26.0	22.3	18.6	14.8	11.1	7.4	7.4	3.7	3.7
-50°	37.1	29.7	26.0	18.6	18.6	14.8	11.1	7.4	7.4	3.7	3.7
-52.5°	33.4	29.7	22.3	18.6	18.6	14.8	11.1	7.4	7.4	3.7	3.7
-55°	29.7	26.0	22.3	18.6	18.6	14.8	11.1	7.4	7.4	3.7	3.7
-57.5°	29.7	26.0	22.3	22.3	18.6	14.8	11.1	7.4	7.4	3.7	3.7
-60°	29.7	26.0	22.3	22.3	18.6	14.8	11.1	7.4	7.4	3.7	3.7
-62.5°	29.7	26.0	22.3	22.3	18.6	14.8	11.1	7.4	7.4	3.7	3.7
-65°	29.7	26.0	22.3	22.3	14.8	14.8	11.1	7.4	7.4	3.7	3.7
-67.5°	29.7	26.0	22.3	18.6	14.8	11.1	11.1	7.4	7.4	3.7	3.7
-70°	26.0	22.3	18.6	18.6	14.8	11.1	11.1	7.4	7.4	3.7	3.7
-72.5°	22.3	18.6	18.6	14.8	14.8	11.1	11.1	7.4	7.4	3.7	3.7
-75°	18.6	14.8	14.8	14.8	14.8	11.1	11.1	7.4	3.7	3.7	0.0
-77.5°	14.8	14.8	14.8	14.8	14.8	11.1	7.4	7.4	3.7	3.7	0.0
-80°	18.6	18.6	14.8	14.8	11.1	7.4	7.4	3.7	3.7	3.7	0.0
-82.5°	14.8	14.8	11.1	7.4	7.4	3.7	3.7	3.7	3.7	0.0	0.0
-85°	7.4	7.4	3.7	3.7	3.7	3.7	3.7	3.7	3.7	0.0	0.0
-87.5°	3.7	3.7	3.7	3.7	0.0	0.0	0.0	0.0	0.0	0.0	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: P640016
 CATALOG NUMBER: IFLD-L-SA8A-AMB-U-33-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°	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0
65°	0.0	0.0	0.0	0.0
62.5°	0.0	0.0	0.0	0.0
60°	0.0	0.0	0.0	0.0
57.5°	0.0	0.0	0.0	0.0
55°	0.0	0.0	0.0	0.0
52.5°	0.0	0.0	0.0	0.0
50°	0.0	0.0	0.0	0.0
47.5°	0.0	0.0	0.0	0.0
45°	0.0	0.0	0.0	0.0
42.5°	0.0	0.0	0.0	0.0
40°	0.0	0.0	0.0	0.0
37.5°	0.0	0.0	0.0	0.0
35°	0.0	0.0	0.0	0.0
32.5°	3.7	0.0	0.0	0.0
30°	3.7	0.0	0.0	0.0
27.5°	3.7	0.0	0.0	0.0
25°	3.7	0.0	0.0	0.0
22.5°	3.7	0.0	0.0	0.0
20°	3.7	0.0	0.0	0.0
17.5°	3.7	0.0	0.0	0.0
15°	3.7	0.0	0.0	0.0
12.5°	3.7	0.0	0.0	0.0
10°	3.7	0.0	0.0	0.0
7.5°	3.7	0.0	0.0	0.0
5°	3.7	0.0	0.0	0.0
2.5°	3.7	0.0	0.0	0.0
0°	3.7	0.0	0.0	0.0
-2.5°	3.7	0.0	0.0	0.0
-5°	3.7	0.0	0.0	0.0
-7.5°	3.7	0.0	0.0	0.0
-10°	3.7	0.0	0.0	0.0
-12.5°	3.7	0.0	0.0	0.0
-15°	3.7	0.0	0.0	0.0
-17.5°	3.7	0.0	0.0	0.0
-20°	3.7	0.0	0.0	0.0



REPORT NUMBER: P640016
CATALOG NUMBER: IFLD-L-SA8A-AMB-U-33-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	3.7	0.0	0.0	0.0
-25°	3.7	0.0	0.0	0.0
-27.5°	3.7	0.0	0.0	0.0
-30°	3.7	0.0	0.0	0.0
-32.5°	3.7	0.0	0.0	0.0
-35°	0.0	0.0	0.0	0.0
-37.5°	0.0	0.0	0.0	0.0
-40°	0.0	0.0	0.0	0.0
-42.5°	0.0	0.0	0.0	0.0
-45°	0.0	0.0	0.0	0.0
-47.5°	0.0	0.0	0.0	0.0
-50°	0.0	0.0	0.0	0.0
-52.5°	0.0	0.0	0.0	0.0
-55°	0.0	0.0	0.0	0.0
-57.5°	0.0	0.0	0.0	0.0
-60°	0.0	0.0	0.0	0.0
-62.5°	0.0	0.0	0.0	0.0
-65°	0.0	0.0	0.0	0.0
-67.5°	0.0	0.0	0.0	0.0
-70°	0.0	0.0	0.0	0.0
-72.5°	0.0	0.0	0.0	0.0
-75°	0.0	0.0	0.0	0.0
-77.5°	0.0	0.0	0.0	0.0
-80°	0.0	0.0	0.0	0.0
-82.5°	0.0	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)