

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: P640012

Luminaire Tested: **IFLD-S-SA3A-AMB-U-33-VI**

Issue Date: 02/09/2023

Test Information

Test Method: LM-79-2019
Report Number: P640012
Test Lab: INNOVATION CENTER(G2)
Issue Date: 02/09/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA3A-AMB-U-33-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ 3 distribution lens and VISOR
Light Source: (48) 1620K CCT, 0 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	2H x 2V
Luminaire Lumens:	3224.6 lumens	Max Intensity:	40411 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	34.0 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		

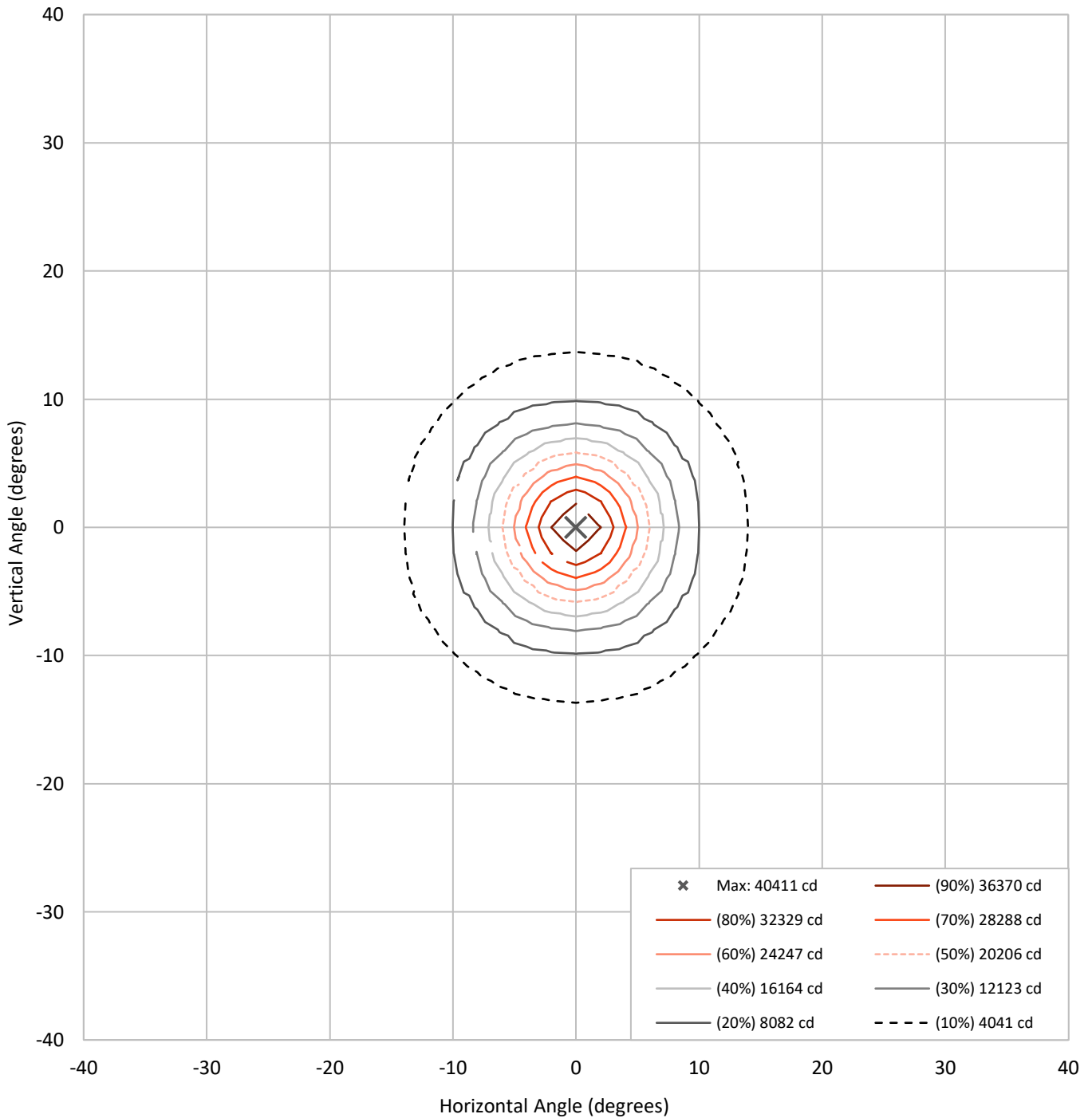
Beam Angle (50%):	12°H x 11.7°V	Field Angle (10%):	27.9°H x 27.2°V
Beam Lumens:	863.2 lumens	Field Lumens:	2189.8 lumens
Beam Efficiency:	26.8%	Field Efficiency:	67.9%

Input Watts (W): 94.8
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



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Iso-Candela Plot





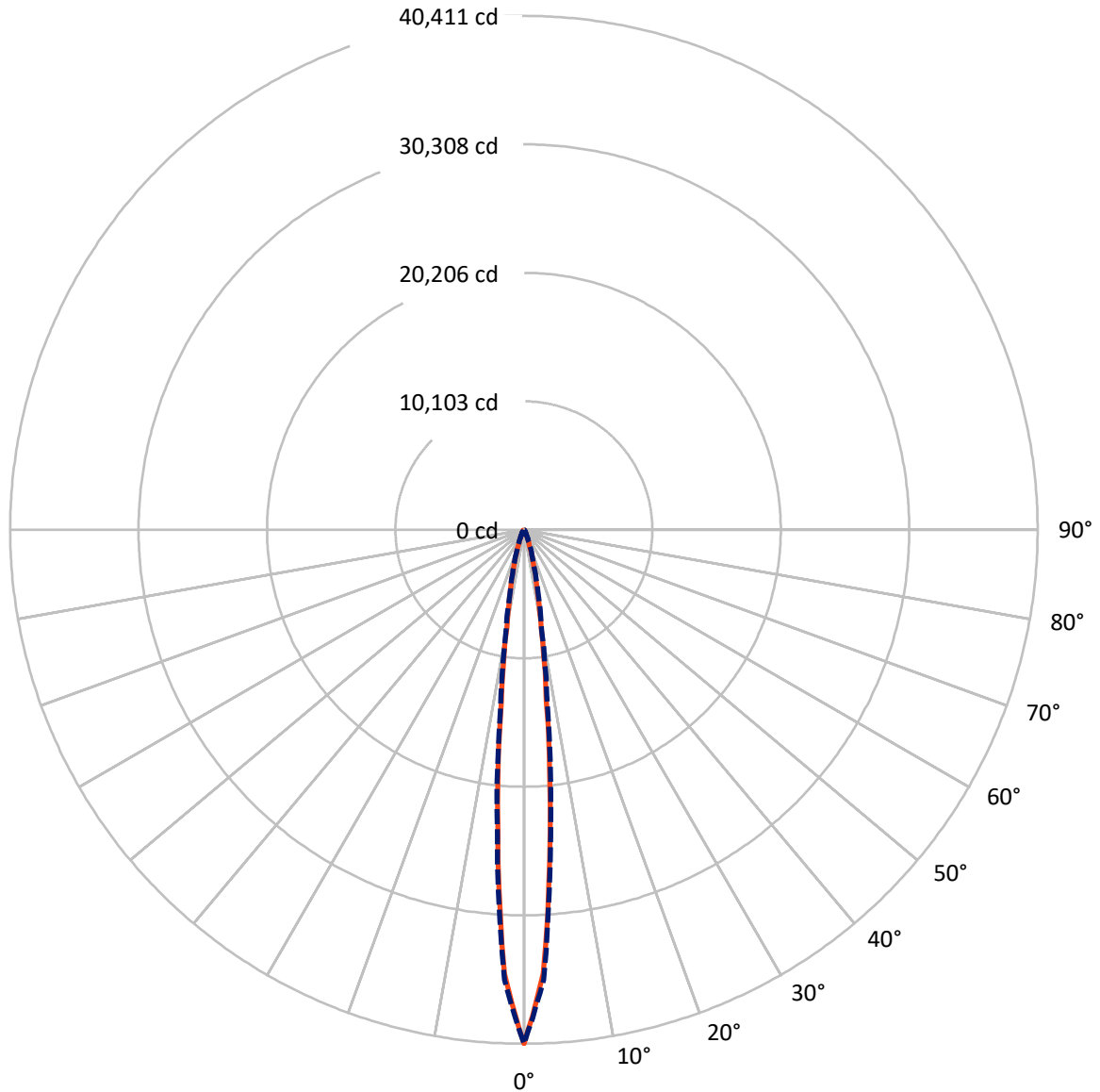
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Lumen Table

90	0.0	0.3	0.7	1.1	1.2	1.1	0.7	0.3	0.0							
80	0.0	0.1	0.2	0.3	0.5	0.6	0.8	0.9	0.9	0.8	0.6	0.5	0.3	0.2	0.1	0.0
70	0.0	0.1	0.2	0.4	0.7	1.0	1.3	1.4	1.4	1.3	1.0	0.7	0.4	0.2	0.1	0.0
60		0.1	0.2	0.3	0.5	0.6	0.8	0.9	0.9	0.8	0.6	0.5	0.3	0.2	0.1	
50	0.0	0.1	0.3	0.6	1.1	1.5	2.1	2.4	2.4	2.1	1.5	1.1	0.6	0.3	0.1	0.0
40		0.1	0.4	0.9	1.5	2.5	3.8	4.8	4.8	3.8	2.5	1.5	0.9	0.4	0.1	
30	0.1	0.2	0.5	1.1	2.2	4.2	9.7	16.4	16.4	9.7	4.2	2.2	1.1	0.5	0.2	0.1
20		0.2	0.6	1.4	3.0	9.4	38.5	92.1	92.1	38.5	9.4	3.0	1.4	0.6	0.2	
10	0.1	0.2	0.7	1.5	3.6	16.3	95.0	475.6	475.6	95.0	16.3	3.6	1.5	0.7	0.2	0.1
0		0.2	0.7	1.5	3.6	16.3	95.0	475.6	475.6	95.0	16.3	3.6	1.5	0.7	0.2	
-10	0.1	0.2	0.6	1.4	3.0	9.4	38.5	92.1	92.1	38.5	9.4	3.0	1.4	0.6	0.2	0.1
-20		0.2	0.5	1.1	2.2	4.2	9.7	16.4	16.4	9.7	4.2	2.2	1.1	0.5	0.2	
-30	0.0	0.1	0.4	0.9	1.5	2.5	3.8	4.8	4.8	3.8	2.5	1.5	0.9	0.4	0.1	0.0
-40		0.1	0.3	0.6	1.1	1.5	2.1	2.4	2.4	2.1	1.5	1.1	0.6	0.3	0.1	
-50	0.0	0.1	0.2	0.4	0.7	1.0	1.3	1.4	1.4	1.3	1.0	0.7	0.4	0.2	0.1	0.0
-60		0.1	0.2	0.3	0.5	0.6	0.8	0.9	0.9	0.8	0.6	0.5	0.3	0.2	0.1	
-70	0.0	0.1	0.2	0.3	0.5	0.6	0.8	0.9	0.9	0.8	0.6	0.5	0.3	0.2	0.1	0.0
-80		0.1	0.2	0.3	0.5	0.6	0.8	0.9	0.9	0.8	0.6	0.5	0.3	0.2	0.1	
-90	0.0	0.3	0.7	1.1	1.2	1.1	0.7	0.3	0.0							

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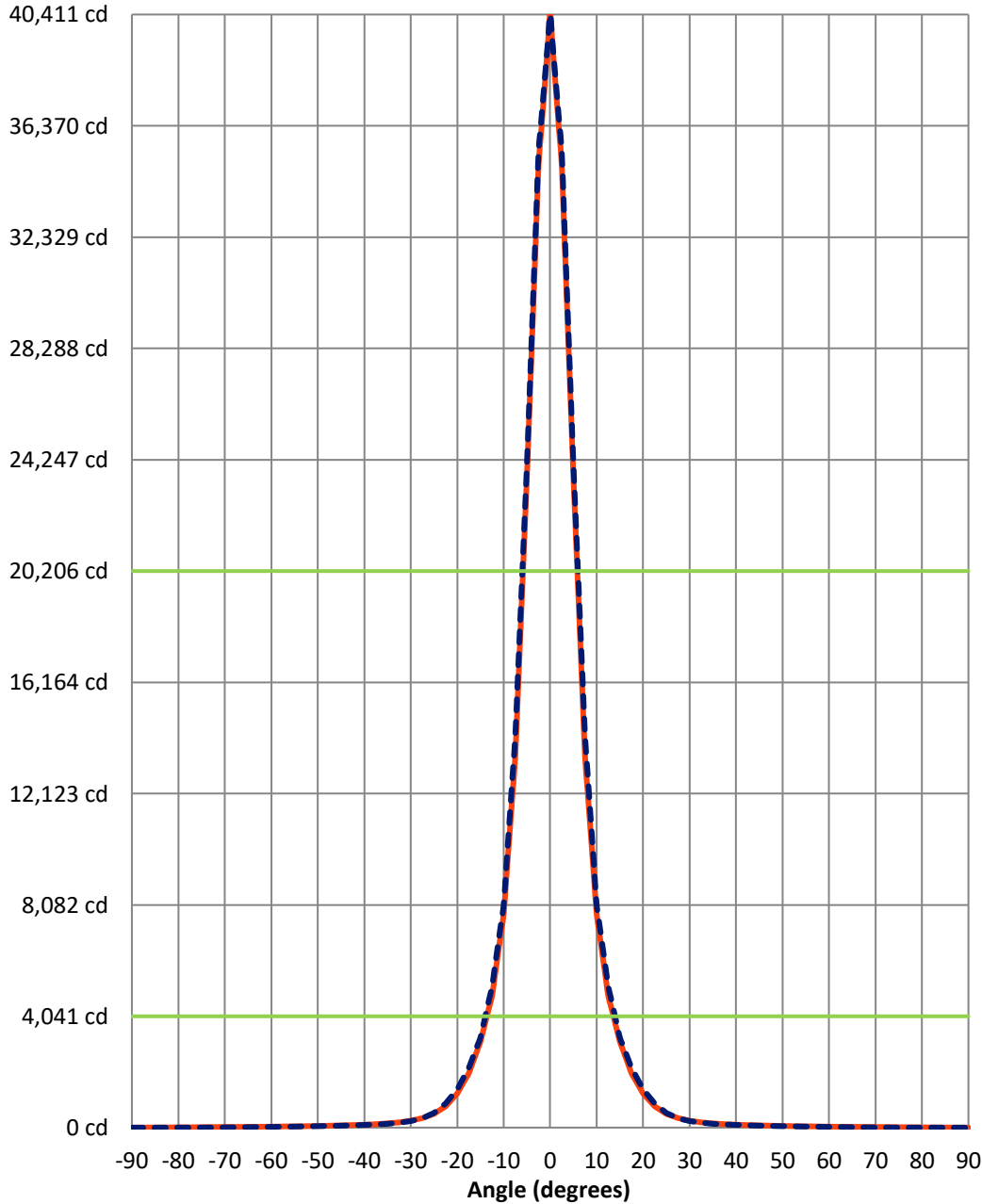
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
 H Angle: 12°
 V Angle: 11.7°
 Lumens: 863.2
 Efficiency: 26.8%

Field:
 H Angle: 27.9°
 V Angle: 27.2°
 Lumens: 2189.8
 Efficiency: 67.9%

Spill:
 Lumens: 1034.7
 Efficiency: 32.1%

- 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°	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
85°	4.5	4.5	4.5	4.5	6.0	6.0	6.0	6.0	4.5	4.5	4.5
82.5°	6.0	7.5	7.5	7.5	7.5	8.9	8.9	8.9	8.9	7.5	7.5
80°	8.9	8.9	8.9	10.4	10.4	11.9	13.4	11.9	11.9	11.9	10.4
77.5°	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9
75°	14.9	14.9	14.9	14.9	14.9	14.9	14.9	13.4	13.4	13.4	13.4
72.5°	20.9	19.4	19.4	19.4	19.4	17.9	17.9	17.9	16.4	16.4	16.4
70°	22.4	22.4	22.4	22.4	22.4	22.4	20.9	20.9	19.4	19.4	17.9
67.5°	25.3	25.3	25.3	25.3	25.3	25.3	23.8	22.4	22.4	20.9	19.4
65°	28.3	28.3	28.3	28.3	28.3	26.8	26.8	25.3	23.8	22.4	22.4
62.5°	31.3	31.3	31.3	31.3	31.3	29.8	29.8	28.3	26.8	25.3	25.3
60°	34.3	34.3	34.3	34.3	34.3	34.3	32.8	32.8	29.8	28.3	28.3
57.5°	41.7	41.7	41.7	40.2	40.2	40.2	38.8	37.3	35.8	34.3	32.8
55°	46.2	46.2	46.2	46.2	44.7	44.7	43.2	41.7	38.8	37.3	35.8
52.5°	52.2	50.7	50.7	50.7	50.7	49.2	47.7	46.2	43.2	41.7	40.2
50°	59.6	59.6	59.6	58.1	58.1	56.6	55.1	52.2	49.2	47.7	46.2
47.5°	70.1	70.1	68.6	68.6	67.1	65.6	62.6	59.6	56.6	53.7	50.7
45°	80.5	79.0	77.5	77.5	76.0	73.0	70.1	67.1	62.6	58.1	55.1
42.5°	92.4	90.9	89.4	89.4	87.9	83.5	80.5	76.0	70.1	65.6	59.6
40°	104.3	104.3	104.3	102.8	101.4	98.4	92.4	87.9	80.5	73.0	67.1
37.5°	123.7	123.7	122.2	122.2	119.2	114.8	108.8	101.4	92.4	83.5	76.0
35°	153.5	153.5	150.5	147.6	143.1	135.6	128.2	117.8	107.3	96.9	86.5
32.5°	189.3	190.8	186.3	181.8	172.9	162.5	150.5	137.1	122.2	110.3	98.4
30°	250.4	247.4	241.5	232.5	216.1	198.2	180.4	161.0	141.6	123.7	110.3
27.5°	345.8	336.9	327.9	310.0	284.7	251.9	225.1	195.3	168.4	141.6	122.2
25°	497.8	493.4	475.5	442.7	393.5	341.3	296.6	244.4	205.7	166.9	140.1
22.5°	772.1	758.7	722.9	663.3	570.9	485.9	408.4	326.4	256.4	205.7	165.4
20°	1237.1	1205.8	1147.7	1029.9	867.5	727.4	576.8	456.1	336.9	256.4	198.2
17.5°	1972.0	1948.1	1836.3	1602.3	1359.4	1111.9	861.5	646.9	465.0	333.9	240.0
15°	3121.1	2981.0	2787.3	2423.6	2007.7	1594.9	1222.2	882.4	606.6	426.3	299.6
12.5°	4783.1	4617.6	4227.1	3516.1	2827.5	2159.8	1620.2	1165.6	791.5	521.7	350.3
10°	7764.1	7457.1	6530.0	4985.8	3905.2	2866.3	2068.8	1469.7	964.4	627.5	411.4
7.5°	13493.7	12602.4	10277.1	7260.3	5043.9	3624.9	2563.7	1770.7	1164.1	733.3	463.6
5°	23650.1	21594.7	15671.3	10396.4	6711.8	4435.8	2969.1	2003.3	1304.2	809.4	502.3
2.5°	34919.9	30663.0	21788.4	13162.8	7902.7	4912.8	3195.7	2128.5	1381.7	852.6	521.7
0°	40411.0	35414.8	24089.8	14247.9	8098.0	5131.9	3268.7	2174.7	1386.2	876.4	533.6
-2.5°	34919.9	30663.0	21788.4	13162.8	7902.7	4912.8	3195.7	2128.5	1381.7	852.6	521.7
-5°	23650.1	21594.7	15671.3	10396.4	6711.8	4435.8	2969.1	2003.3	1304.2	809.4	502.3
-7.5°	13493.7	12602.4	10277.1	7260.3	5043.9	3624.9	2563.7	1770.7	1164.1	733.3	463.6
-10°	7764.1	7457.1	6530.0	4985.8	3905.2	2866.3	2068.8	1469.7	964.4	627.5	411.4
-12.5°	4783.1	4617.6	4227.1	3516.1	2827.5	2159.8	1620.2	1165.6	791.5	521.7	350.3
-15°	3121.1	2981.0	2787.3	2423.6	2007.7	1594.9	1222.2	882.4	606.6	426.3	299.6
-17.5°	1972.0	1948.1	1836.3	1602.3	1359.4	1111.9	861.5	646.9	465.0	333.9	240.0
-20°	1237.1	1205.8	1147.7	1029.9	867.5	727.4	576.8	456.1	336.9	256.4	198.2



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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°	772.1	758.7	722.9	663.3	570.9	485.9	408.4	326.4	256.4	205.7	165.4
-25°	497.8	493.4	475.5	442.7	393.5	341.3	296.6	244.4	205.7	166.9	140.1
-27.5°	345.8	336.9	327.9	310.0	284.7	251.9	225.1	195.3	168.4	141.6	122.2
-30°	250.4	247.4	241.5	232.5	216.1	198.2	180.4	161.0	141.6	123.7	110.3
-32.5°	189.3	190.8	186.3	181.8	172.9	162.5	150.5	137.1	122.2	110.3	98.4
-35°	153.5	153.5	150.5	147.6	143.1	135.6	128.2	117.8	107.3	96.9	86.5
-37.5°	123.7	123.7	122.2	122.2	119.2	114.8	108.8	101.4	92.4	83.5	76.0
-40°	104.3	104.3	104.3	102.8	101.4	98.4	92.4	87.9	80.5	73.0	67.1
-42.5°	92.4	90.9	89.4	89.4	87.9	83.5	80.5	76.0	70.1	65.6	59.6
-45°	80.5	79.0	77.5	77.5	76.0	73.0	70.1	67.1	62.6	58.1	55.1
-47.5°	70.1	70.1	68.6	68.6	67.1	65.6	62.6	59.6	56.6	53.7	50.7
-50°	59.6	59.6	59.6	58.1	58.1	56.6	55.1	52.2	49.2	47.7	46.2
-52.5°	52.2	50.7	50.7	50.7	50.7	49.2	47.7	46.2	43.2	41.7	40.2
-55°	46.2	46.2	46.2	46.2	44.7	44.7	43.2	41.7	38.8	37.3	35.8
-57.5°	41.7	41.7	41.7	40.2	40.2	40.2	38.8	37.3	35.8	34.3	32.8
-60°	34.3	34.3	34.3	34.3	34.3	34.3	32.8	32.8	29.8	28.3	28.3
-62.5°	31.3	31.3	31.3	31.3	31.3	29.8	29.8	28.3	26.8	25.3	25.3
-65°	28.3	28.3	28.3	28.3	28.3	26.8	26.8	25.3	23.8	22.4	22.4
-67.5°	25.3	25.3	25.3	25.3	25.3	25.3	23.8	22.4	22.4	20.9	19.4
-70°	22.4	22.4	22.4	22.4	22.4	22.4	20.9	20.9	19.4	19.4	17.9
-72.5°	20.9	19.4	19.4	19.4	19.4	17.9	17.9	17.9	16.4	16.4	16.4
-75°	14.9	14.9	14.9	14.9	14.9	14.9	14.9	13.4	13.4	13.4	13.4
-77.5°	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9
-80°	8.9	8.9	8.9	10.4	10.4	11.9	13.4	11.9	11.9	11.9	10.4
-82.5°	6.0	7.5	7.5	7.5	7.5	8.9	8.9	8.9	8.9	7.5	7.5
-85°	4.5	4.5	4.5	4.5	6.0	6.0	6.0	6.0	4.5	4.5	4.5
-87.5°	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
-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°	3.0	3.0	3.0	3.0	1.5	1.5	1.5	1.5	1.5	1.5	1.5
85°	4.5	4.5	4.5	4.5	4.5	4.5	3.0	3.0	3.0	3.0	3.0
82.5°	7.5	7.5	7.5	6.0	6.0	6.0	4.5	4.5	6.0	6.0	6.0
80°	10.4	8.9	8.9	7.5	7.5	7.5	6.0	6.0	6.0	6.0	6.0
77.5°	11.9	10.4	10.4	8.9	8.9	7.5	7.5	7.5	6.0	6.0	6.0
75°	11.9	11.9	10.4	10.4	10.4	10.4	10.4	8.9	7.5	7.5	7.5
72.5°	16.4	16.4	14.9	14.9	13.4	13.4	13.4	13.4	11.9	10.4	8.9
70°	17.9	17.9	17.9	16.4	16.4	14.9	14.9	13.4	13.4	11.9	11.9
67.5°	19.4	19.4	19.4	17.9	17.9	16.4	16.4	14.9	14.9	13.4	11.9
65°	20.9	20.9	19.4	19.4	17.9	17.9	16.4	14.9	14.9	13.4	13.4
62.5°	23.8	22.4	20.9	20.9	19.4	17.9	17.9	16.4	14.9	13.4	13.4
60°	26.8	25.3	23.8	22.4	20.9	19.4	17.9	16.4	14.9	13.4	13.4
57.5°	31.3	29.8	28.3	25.3	23.8	20.9	19.4	17.9	16.4	13.4	13.4
55°	34.3	32.8	31.3	28.3	26.8	23.8	22.4	19.4	17.9	14.9	13.4
52.5°	38.8	35.8	34.3	31.3	29.8	26.8	25.3	22.4	19.4	17.9	14.9
50°	43.2	41.7	38.8	35.8	32.8	29.8	26.8	25.3	22.4	19.4	16.4
47.5°	47.7	46.2	43.2	40.2	37.3	32.8	29.8	26.8	23.8	22.4	19.4
45°	52.2	49.2	46.2	44.7	40.2	37.3	32.8	29.8	26.8	23.8	20.9
42.5°	56.6	53.7	50.7	47.7	43.2	40.2	35.8	32.8	29.8	26.8	22.4
40°	62.6	58.1	55.1	50.7	47.7	43.2	38.8	34.3	31.3	28.3	25.3
37.5°	70.1	65.6	59.6	55.1	52.2	47.7	43.2	38.8	34.3	31.3	26.8
35°	79.0	73.0	67.1	61.1	56.6	52.2	46.2	41.7	37.3	32.8	29.8
32.5°	89.4	80.5	73.0	67.1	61.1	55.1	49.2	44.7	40.2	34.3	31.3
30°	98.4	89.4	80.5	73.0	65.6	58.1	52.2	47.7	41.7	37.3	32.8
27.5°	108.8	96.9	87.9	79.0	70.1	61.1	55.1	49.2	44.7	38.8	34.3
25°	120.7	105.8	95.4	85.0	74.5	65.6	58.1	52.2	46.2	41.7	35.8
22.5°	135.6	117.8	104.3	92.4	80.5	68.6	61.1	55.1	49.2	43.2	37.3
20°	158.0	132.7	114.8	99.9	86.5	74.5	65.6	58.1	52.2	44.7	38.8
17.5°	184.8	152.0	128.2	108.8	92.4	80.5	70.1	61.1	53.7	47.7	40.2
15°	219.1	169.9	138.6	116.3	98.4	85.0	73.0	64.1	55.1	49.2	41.7
12.5°	245.9	186.3	149.1	125.2	105.8	90.9	76.0	65.6	56.6	49.2	43.2
10°	280.2	204.2	159.5	131.2	110.3	92.4	79.0	67.1	58.1	50.7	44.7
7.5°	307.0	217.6	166.9	134.1	111.8	93.9	80.5	68.6	58.1	50.7	44.7
5°	326.4	228.0	169.9	135.6	113.3	95.4	80.5	68.6	59.6	52.2	44.7
2.5°	338.3	237.0	174.4	137.1	114.8	96.9	82.0	70.1	59.6	52.2	44.7
0°	338.3	237.0	175.9	137.1	114.8	98.4	82.0	70.1	59.6	52.2	44.7
-2.5°	338.3	237.0	174.4	137.1	114.8	96.9	82.0	70.1	59.6	52.2	44.7
-5°	326.4	228.0	169.9	135.6	113.3	95.4	80.5	68.6	59.6	52.2	44.7
-7.5°	307.0	217.6	166.9	134.1	111.8	93.9	80.5	68.6	58.1	50.7	44.7
-10°	280.2	204.2	159.5	131.2	110.3	92.4	79.0	67.1	58.1	50.7	44.7
-12.5°	245.9	186.3	149.1	125.2	105.8	90.9	76.0	65.6	56.6	49.2	43.2
-15°	219.1	169.9	138.6	116.3	98.4	85.0	73.0	64.1	55.1	49.2	41.7
-17.5°	184.8	152.0	128.2	108.8	92.4	80.5	70.1	61.1	53.7	47.7	40.2
-20°	158.0	132.7	114.8	99.9	86.5	74.5	65.6	58.1	52.2	44.7	38.8



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CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
-22.5°	135.6	117.8	104.3	92.4	80.5	68.6	61.1	55.1	49.2	43.2	37.3
-25°	120.7	105.8	95.4	85.0	74.5	65.6	58.1	52.2	46.2	41.7	35.8
-27.5°	108.8	96.9	87.9	79.0	70.1	61.1	55.1	49.2	44.7	38.8	34.3
-30°	98.4	89.4	80.5	73.0	65.6	58.1	52.2	47.7	41.7	37.3	32.8
-32.5°	89.4	80.5	73.0	67.1	61.1	55.1	49.2	44.7	40.2	34.3	31.3
-35°	79.0	73.0	67.1	61.1	56.6	52.2	46.2	41.7	37.3	32.8	29.8
-37.5°	70.1	65.6	59.6	55.1	52.2	47.7	43.2	38.8	34.3	31.3	26.8
-40°	62.6	58.1	55.1	50.7	47.7	43.2	38.8	34.3	31.3	28.3	25.3
-42.5°	56.6	53.7	50.7	47.7	43.2	40.2	35.8	32.8	29.8	26.8	22.4
-45°	52.2	49.2	46.2	44.7	40.2	37.3	32.8	29.8	26.8	23.8	20.9
-47.5°	47.7	46.2	43.2	40.2	37.3	32.8	29.8	26.8	23.8	22.4	19.4
-50°	43.2	41.7	38.8	35.8	32.8	29.8	26.8	25.3	22.4	19.4	16.4
-52.5°	38.8	35.8	34.3	31.3	29.8	26.8	25.3	22.4	19.4	17.9	14.9
-55°	34.3	32.8	31.3	28.3	26.8	23.8	22.4	19.4	17.9	14.9	13.4
-57.5°	31.3	29.8	28.3	25.3	23.8	20.9	19.4	17.9	16.4	13.4	13.4
-60°	26.8	25.3	23.8	22.4	20.9	19.4	17.9	16.4	14.9	13.4	13.4
-62.5°	23.8	22.4	20.9	20.9	19.4	17.9	17.9	16.4	14.9	13.4	13.4
-65°	20.9	20.9	19.4	19.4	17.9	17.9	16.4	14.9	14.9	13.4	13.4
-67.5°	19.4	19.4	19.4	17.9	17.9	16.4	16.4	14.9	14.9	13.4	11.9
-70°	17.9	17.9	17.9	16.4	16.4	14.9	14.9	13.4	13.4	11.9	11.9
-72.5°	16.4	16.4	14.9	14.9	13.4	13.4	13.4	13.4	11.9	10.4	8.9
-75°	11.9	11.9	10.4	10.4	10.4	10.4	10.4	8.9	7.5	7.5	7.5
-77.5°	11.9	10.4	10.4	8.9	8.9	7.5	7.5	7.5	6.0	6.0	6.0
-80°	10.4	8.9	8.9	7.5	7.5	7.5	6.0	6.0	6.0	6.0	6.0
-82.5°	7.5	7.5	7.5	6.0	6.0	6.0	4.5	4.5	6.0	6.0	6.0
-85°	4.5	4.5	4.5	4.5	4.5	4.5	3.0	3.0	3.0	3.0	3.0
-87.5°	3.0	3.0	3.0	3.0	1.5	1.5	1.5	1.5	1.5	1.5	1.5
-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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 CATALOG NUMBER: IFLD-S-SA3A-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°	1.5	1.5	1.5	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	3.0	3.0	1.5	1.5	1.5	1.5	1.5	1.5	1.5	0.0	0.0
82.5°	6.0	6.0	4.5	3.0	3.0	1.5	1.5	1.5	1.5	0.0	0.0
80°	7.5	7.5	6.0	6.0	4.5	3.0	3.0	1.5	1.5	1.5	0.0
77.5°	6.0	6.0	6.0	6.0	6.0	4.5	3.0	3.0	1.5	1.5	0.0
75°	7.5	6.0	6.0	6.0	6.0	4.5	4.5	3.0	1.5	1.5	0.0
72.5°	8.9	7.5	7.5	6.0	6.0	4.5	4.5	3.0	3.0	1.5	1.5
70°	10.4	8.9	7.5	7.5	6.0	4.5	4.5	3.0	3.0	1.5	1.5
67.5°	11.9	10.4	8.9	7.5	6.0	4.5	4.5	3.0	3.0	1.5	1.5
65°	11.9	10.4	8.9	8.9	6.0	6.0	4.5	3.0	3.0	1.5	1.5
62.5°	11.9	10.4	8.9	8.9	7.5	6.0	4.5	3.0	3.0	1.5	1.5
60°	11.9	10.4	8.9	8.9	7.5	6.0	4.5	3.0	3.0	1.5	1.5
57.5°	11.9	10.4	8.9	8.9	7.5	6.0	4.5	3.0	3.0	1.5	1.5
55°	11.9	10.4	8.9	7.5	7.5	6.0	4.5	3.0	3.0	1.5	1.5
52.5°	13.4	11.9	8.9	7.5	7.5	6.0	4.5	3.0	3.0	1.5	1.5
50°	14.9	11.9	10.4	7.5	7.5	6.0	4.5	3.0	3.0	1.5	1.5
47.5°	16.4	13.4	10.4	8.9	7.5	6.0	4.5	3.0	3.0	1.5	1.5
45°	17.9	14.9	11.9	8.9	7.5	6.0	4.5	3.0	3.0	1.5	1.5
42.5°	19.4	16.4	13.4	10.4	7.5	6.0	4.5	3.0	3.0	1.5	1.5
40°	20.9	17.9	13.4	10.4	7.5	6.0	4.5	3.0	3.0	1.5	1.5
37.5°	22.4	19.4	14.9	11.9	8.9	6.0	4.5	3.0	3.0	1.5	1.5
35°	23.8	20.9	16.4	11.9	8.9	6.0	4.5	3.0	3.0	1.5	1.5
32.5°	26.8	22.4	17.9	13.4	10.4	7.5	4.5	3.0	3.0	1.5	1.5
30°	28.3	23.8	19.4	14.9	10.4	7.5	4.5	3.0	3.0	1.5	1.5
27.5°	28.3	23.8	20.9	14.9	11.9	7.5	6.0	4.5	3.0	1.5	1.5
25°	29.8	25.3	20.9	16.4	11.9	8.9	6.0	4.5	3.0	1.5	1.5
22.5°	31.3	26.8	22.4	17.9	13.4	8.9	6.0	4.5	3.0	1.5	1.5
20°	32.8	28.3	22.4	17.9	13.4	8.9	6.0	4.5	3.0	1.5	1.5
17.5°	34.3	28.3	23.8	17.9	13.4	10.4	6.0	4.5	3.0	1.5	1.5
15°	35.8	29.8	23.8	19.4	14.9	10.4	6.0	4.5	3.0	1.5	1.5
12.5°	35.8	31.3	25.3	19.4	14.9	10.4	7.5	4.5	3.0	1.5	1.5
10°	37.3	31.3	25.3	19.4	14.9	10.4	7.5	4.5	3.0	1.5	1.5
7.5°	37.3	31.3	25.3	20.9	14.9	10.4	7.5	4.5	3.0	1.5	1.5
5°	37.3	32.8	25.3	20.9	14.9	10.4	7.5	4.5	3.0	1.5	1.5
2.5°	37.3	32.8	25.3	20.9	14.9	10.4	7.5	4.5	3.0	1.5	1.5
0°	37.3	32.8	25.3	20.9	14.9	10.4	7.5	4.5	3.0	1.5	1.5
-2.5°	37.3	32.8	25.3	20.9	14.9	10.4	7.5	4.5	3.0	1.5	1.5
-5°	37.3	32.8	25.3	20.9	14.9	10.4	7.5	4.5	3.0	1.5	1.5
-7.5°	37.3	31.3	25.3	20.9	14.9	10.4	7.5	4.5	3.0	1.5	1.5
-10°	37.3	31.3	25.3	19.4	14.9	10.4	7.5	4.5	3.0	1.5	1.5
-12.5°	35.8	31.3	25.3	19.4	14.9	10.4	7.5	4.5	3.0	1.5	1.5
-15°	35.8	29.8	23.8	19.4	14.9	10.4	6.0	4.5	3.0	1.5	1.5
-17.5°	34.3	28.3	23.8	17.9	13.4	10.4	6.0	4.5	3.0	1.5	1.5
-20°	32.8	28.3	22.4	17.9	13.4	8.9	6.0	4.5	3.0	1.5	1.5



REPORT NUMBER: P640012
 CATALOG NUMBER: IFLD-S-SA3A-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°	31.3	26.8	22.4	17.9	13.4	8.9	6.0	4.5	3.0	1.5	1.5
-25°	29.8	25.3	20.9	16.4	11.9	8.9	6.0	4.5	3.0	1.5	1.5
-27.5°	28.3	23.8	20.9	14.9	11.9	7.5	6.0	4.5	3.0	1.5	1.5
-30°	28.3	23.8	19.4	14.9	10.4	7.5	4.5	3.0	3.0	1.5	1.5
-32.5°	26.8	22.4	17.9	13.4	10.4	7.5	4.5	3.0	3.0	1.5	1.5
-35°	23.8	20.9	16.4	11.9	8.9	6.0	4.5	3.0	3.0	1.5	1.5
-37.5°	22.4	19.4	14.9	11.9	8.9	6.0	4.5	3.0	3.0	1.5	1.5
-40°	20.9	17.9	13.4	10.4	7.5	6.0	4.5	3.0	3.0	1.5	1.5
-42.5°	19.4	16.4	13.4	10.4	7.5	6.0	4.5	3.0	3.0	1.5	1.5
-45°	17.9	14.9	11.9	8.9	7.5	6.0	4.5	3.0	3.0	1.5	1.5
-47.5°	16.4	13.4	10.4	8.9	7.5	6.0	4.5	3.0	3.0	1.5	1.5
-50°	14.9	11.9	10.4	7.5	7.5	6.0	4.5	3.0	3.0	1.5	1.5
-52.5°	13.4	11.9	8.9	7.5	7.5	6.0	4.5	3.0	3.0	1.5	1.5
-55°	11.9	10.4	8.9	7.5	7.5	6.0	4.5	3.0	3.0	1.5	1.5
-57.5°	11.9	10.4	8.9	8.9	7.5	6.0	4.5	3.0	3.0	1.5	1.5
-60°	11.9	10.4	8.9	8.9	7.5	6.0	4.5	3.0	3.0	1.5	1.5
-62.5°	11.9	10.4	8.9	8.9	7.5	6.0	4.5	3.0	3.0	1.5	1.5
-65°	11.9	10.4	8.9	8.9	6.0	6.0	4.5	3.0	3.0	1.5	1.5
-67.5°	11.9	10.4	8.9	7.5	6.0	4.5	4.5	3.0	3.0	1.5	1.5
-70°	10.4	8.9	7.5	7.5	6.0	4.5	4.5	3.0	3.0	1.5	1.5
-72.5°	8.9	7.5	7.5	6.0	6.0	4.5	4.5	3.0	3.0	1.5	1.5
-75°	7.5	6.0	6.0	6.0	6.0	4.5	4.5	3.0	1.5	1.5	0.0
-77.5°	6.0	6.0	6.0	6.0	6.0	4.5	3.0	3.0	1.5	1.5	0.0
-80°	7.5	7.5	6.0	6.0	4.5	3.0	3.0	1.5	1.5	1.5	0.0
-82.5°	6.0	6.0	4.5	3.0	3.0	1.5	1.5	1.5	1.5	0.0	0.0
-85°	3.0	3.0	1.5	1.5	1.5	1.5	1.5	1.5	1.5	0.0	0.0
-87.5°	1.5	1.5	1.5	1.5	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: P640012
 CATALOG NUMBER: IFLD-S-SA3A-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°	1.5	0.0	0.0	0.0
30°	1.5	0.0	0.0	0.0
27.5°	1.5	0.0	0.0	0.0
25°	1.5	0.0	0.0	0.0
22.5°	1.5	0.0	0.0	0.0
20°	1.5	0.0	0.0	0.0
17.5°	1.5	0.0	0.0	0.0
15°	1.5	0.0	0.0	0.0
12.5°	1.5	0.0	0.0	0.0
10°	1.5	0.0	0.0	0.0
7.5°	1.5	0.0	0.0	0.0
5°	1.5	0.0	0.0	0.0
2.5°	1.5	0.0	0.0	0.0
0°	1.5	0.0	0.0	0.0
-2.5°	1.5	0.0	0.0	0.0
-5°	1.5	0.0	0.0	0.0
-7.5°	1.5	0.0	0.0	0.0
-10°	1.5	0.0	0.0	0.0
-12.5°	1.5	0.0	0.0	0.0
-15°	1.5	0.0	0.0	0.0
-17.5°	1.5	0.0	0.0	0.0
-20°	1.5	0.0	0.0	0.0



REPORT NUMBER: P640012
CATALOG NUMBER: IFLD-S-SA3A-AMB-U-33-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	1.5	0.0	0.0	0.0
-25°	1.5	0.0	0.0	0.0
-27.5°	1.5	0.0	0.0	0.0
-30°	1.5	0.0	0.0	0.0
-32.5°	1.5	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)