

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: P640014

Luminaire Tested: **IFLD-M-SA4A-AMB-U-33-VI**

Issue Date: 02/09/2023

**Test Information**

Test Method: LM-79-2019  
Report Number: P640014  
Test Lab: INNOVATION CENTER(G2)  
Issue Date: 02/09/2023  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: IFLD-M-SA4A-AMB-U-33-VI  
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ 3 distribution lens and VISOR  
Light Source: (64) 1620K CCT, 0 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp:	N/A	NEMA Type:	2H x 2V
Luminaire Lumens:	4328.1 lumens	Max Intensity:	54241.6 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	33.7 lumens/watt		
Luminous Opening:	Rectangular (W 2' x L: 0.5' x H: 0')		

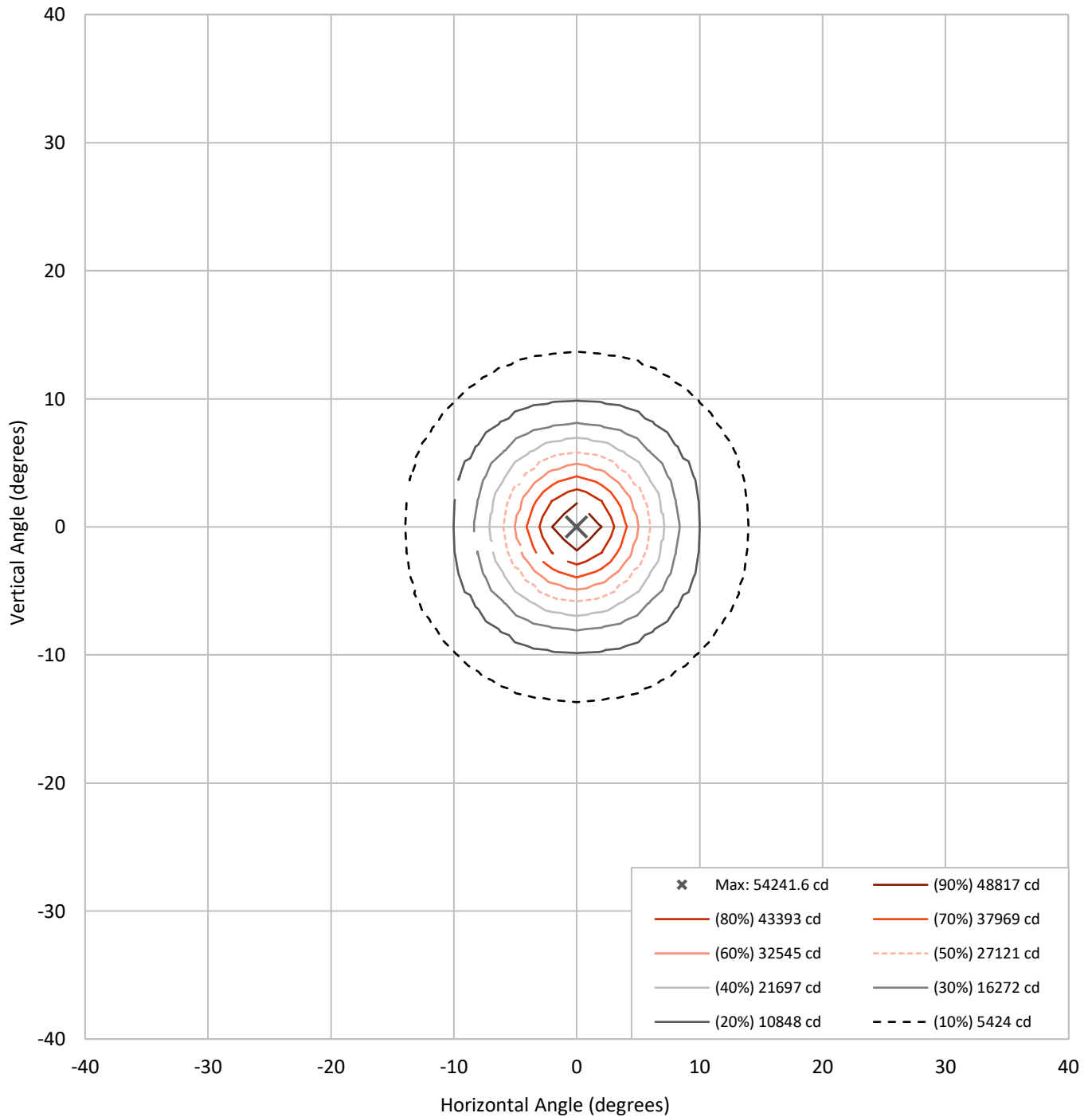
Beam Angle (50%):	12°H x 11.7°V	Field Angle (10%):	27.9°H x 27.2°V
Beam Lumens:	1158.6 lumens	Field Lumens:	2939.3 lumens
Beam Efficiency:	26.8%	Field Efficiency:	67.9%

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: 25 FT



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### Iso-Candela Plot





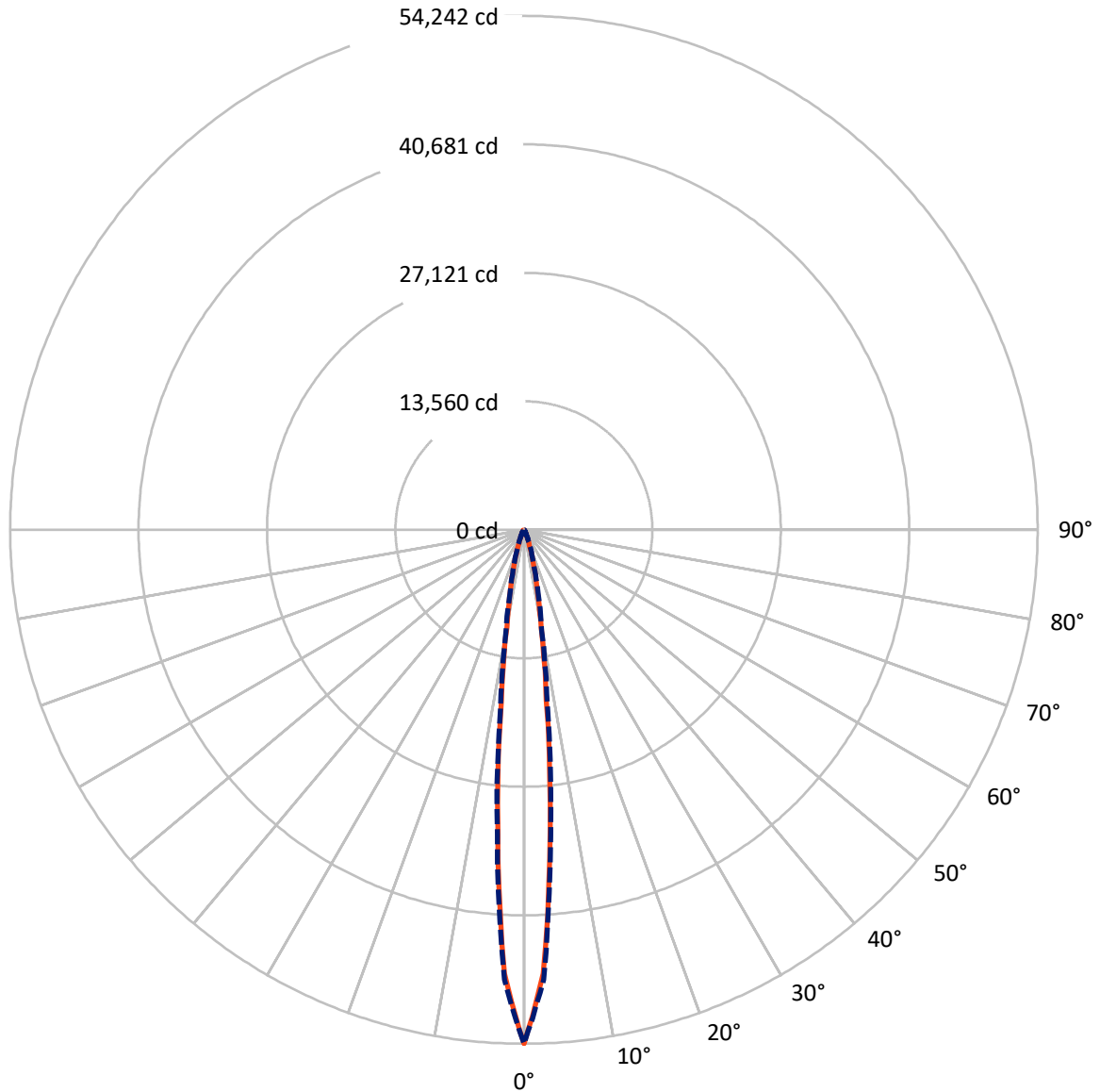
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### Lumen Table

90	0.0	0.4	0.9	1.5	1.7	1.5	0.9	0.4	0.0										
80	0.0	0.4	0.9	1.5	1.7	1.5	0.9	0.4	0.0										
70	0.1	0.1	0.3	0.4	0.6	0.8	1.1	1.2	1.2	1.1	0.8	0.6	0.4	0.3	0.1	0.1			
60		0.1	0.3	0.6	1.0	1.3	1.7	1.9	1.9	1.7	1.3	1.0	0.6	0.3	0.1				
50	0.1	0.1	0.4	0.9	1.5	2.1	2.8	3.2	3.2	2.8	2.1	1.5	0.9	0.4	0.1	0.1			
40		0.2	0.6	1.2	2.1	3.3	5.1	6.4	6.4	5.1	3.3	2.1	1.2	0.6	0.2				
30	0.1	0.2	0.7	1.5	2.9	5.6	13.0	22.0	22.0	13.0	5.6	2.9	1.5	0.7	0.2	0.1			
20		0.3	0.8	1.9	4.0	12.6	51.7	123.6	123.6	51.7	12.6	4.0	1.9	0.8	0.3				
10	0.1	0.3	0.9	2.1	4.9	21.9	127.5	638.3	638.3	127.5	21.9	4.9	2.1	0.9	0.3	0.1			
0		0.3	0.9	2.1	4.9	21.9	127.5	638.3	638.3	127.5	21.9	4.9	2.1	0.9	0.3				
-10	0.1	0.3	0.8	1.9	4.0	12.6	51.7	123.6	123.6	51.7	12.6	4.0	1.9	0.8	0.3	0.1			
-20		0.2	0.7	1.5	2.9	5.6	13.0	22.0	22.0	13.0	5.6	2.9	1.5	0.7	0.2				
-30	0.1	0.2	0.6	1.2	2.1	3.3	5.1	6.4	6.4	5.1	3.3	2.1	1.2	0.6	0.2	0.1			
-40		0.1	0.4	0.9	1.5	2.1	2.8	3.2	3.2	2.8	2.1	1.5	0.9	0.4	0.1				
-50	0.1	0.1	0.3	0.6	1.0	1.3	1.7	1.9	1.9	1.7	1.3	1.0	0.6	0.3	0.1	0.1			
-60		0.1	0.3	0.4	0.6	0.8	1.1	1.2	1.2	1.1	0.8	0.6	0.4	0.3	0.1				
-70																			
-80	0.0	0.4	0.9	1.5	1.7	1.5	0.9	0.4	0.0										
-90	0.0	0.4	0.9	1.5	1.7	1.5	0.9	0.4	0.0										
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

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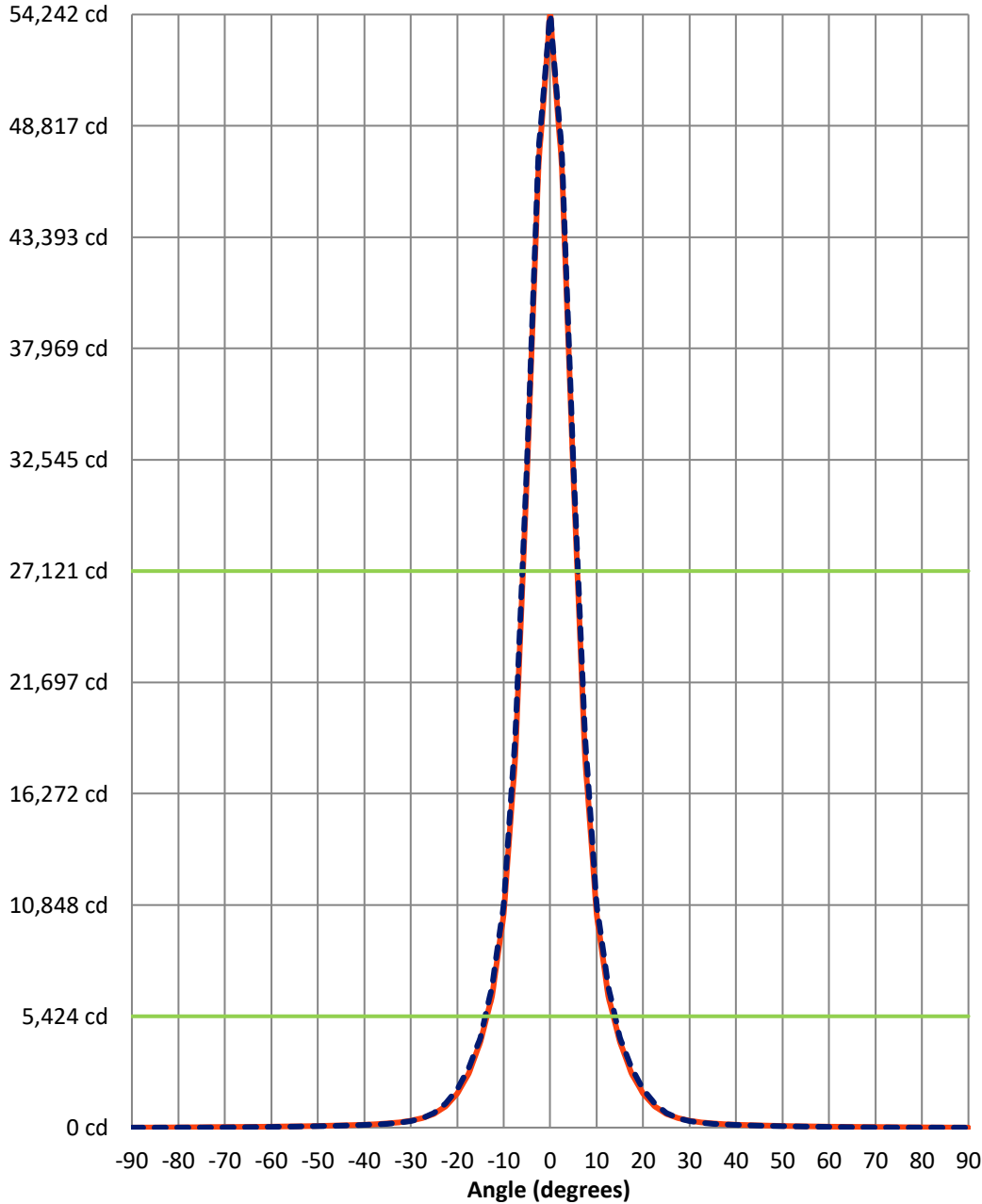
### Luminous Intensity Polar Plot



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

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### Luminous Intensity Plot



**Beam:**  
H Angle: 12°  
V Angle: 11.7°  
Lumens: 1158.6  
Efficiency: 26.8%

**Field:**  
H Angle: 27.9°  
V Angle: 27.2°  
Lumens: 2939.3  
Efficiency: 67.9%

**Spill:**  
Lumens: 1388.8  
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°	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
85°	6.0	6.0	6.0	6.0	8.0	8.0	8.0	8.0	6.0	6.0	6.0
82.5°	8.0	10.0	10.0	10.0	10.0	12.0	12.0	12.0	12.0	10.0	10.0
80°	12.0	12.0	12.0	14.0	14.0	16.0	18.0	16.0	16.0	16.0	14.0
77.5°	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0
75°	20.0	20.0	20.0	20.0	20.0	20.0	20.0	18.0	18.0	18.0	18.0
72.5°	28.0	26.0	26.0	26.0	26.0	24.0	24.0	24.0	22.0	22.0	22.0
70°	30.0	30.0	30.0	30.0	30.0	30.0	28.0	28.0	26.0	26.0	24.0
67.5°	34.0	34.0	34.0	34.0	34.0	34.0	32.0	30.0	30.0	28.0	26.0
65°	38.0	38.0	38.0	38.0	38.0	36.0	36.0	34.0	32.0	30.0	30.0
62.5°	42.0	42.0	42.0	42.0	42.0	40.0	40.0	38.0	36.0	34.0	34.0
60°	46.0	46.0	46.0	46.0	46.0	46.0	44.0	44.0	40.0	38.0	38.0
57.5°	56.0	56.0	56.0	54.0	54.0	54.0	52.0	50.0	48.0	46.0	44.0
55°	62.0	62.0	62.0	62.0	60.0	60.0	58.0	56.0	52.0	50.0	48.0
52.5°	70.0	68.0	68.0	68.0	68.0	66.0	64.0	62.0	58.0	56.0	54.0
50°	80.0	80.0	80.0	78.0	78.0	76.0	74.0	70.0	66.0	64.0	62.0
47.5°	94.0	94.0	92.0	92.0	90.0	88.0	84.0	80.0	76.0	72.0	68.0
45°	108.0	106.0	104.0	104.0	102.0	98.0	94.0	90.0	84.0	78.0	74.0
42.5°	124.0	122.0	120.0	120.0	118.0	112.0	108.0	102.0	94.0	88.0	80.0
40°	140.0	140.0	140.0	138.0	136.0	132.0	124.0	118.0	108.0	98.0	90.0
37.5°	166.1	166.1	164.1	164.1	160.1	154.1	146.0	136.0	124.0	112.0	102.0
35°	206.1	206.1	202.1	198.1	192.1	182.1	172.1	158.1	144.0	130.0	116.0
32.5°	254.1	256.1	250.1	244.1	232.1	218.1	202.1	184.1	164.1	148.0	132.0
30°	336.1	332.1	324.1	312.1	290.1	266.1	242.1	216.1	190.1	166.1	148.0
27.5°	464.2	452.1	440.1	416.1	382.1	338.1	302.1	262.1	226.1	190.1	164.1
25°	668.2	662.2	638.2	594.2	528.2	458.1	398.1	328.1	276.1	224.1	188.1
22.5°	1036.3	1018.3	970.3	890.3	766.2	652.2	548.2	438.1	344.1	276.1	222.1
20°	1660.5	1618.5	1540.5	1382.4	1164.4	976.3	774.3	612.2	452.1	344.1	266.1
17.5°	2646.9	2614.8	2464.8	2150.7	1824.6	1492.5	1156.4	868.3	624.2	448.1	322.1
15°	4189.4	4001.3	3741.2	3253.1	2694.9	2140.7	1640.5	1184.4	814.3	572.2	402.1
12.5°	6420.1	6198.0	5673.8	4719.5	3795.2	2898.9	2174.7	1564.5	1062.3	700.2	470.2
10°	10421.4	10009.3	8764.8	6692.2	5241.7	3847.2	2776.9	1972.6	1294.4	842.3	552.2
7.5°	18111.9	16915.5	13794.5	9745.2	6770.2	4865.6	3441.1	2376.8	1562.5	984.3	622.2
5°	31744.3	28985.4	21034.8	13954.5	9008.9	5953.9	3985.3	2688.9	1750.6	1086.4	674.2
2.5°	46871.2	41157.4	29245.5	17667.7	10607.4	6594.1	4289.4	2856.9	1854.6	1144.4	700.2
0°	54241.6	47535.4	32334.5	19124.2	10869.5	6888.2	4387.4	2918.9	1860.6	1176.4	716.2
-2.5°	46871.2	41157.4	29245.5	17667.7	10607.4	6594.1	4289.4	2856.9	1854.6	1144.4	700.2
-5°	31744.3	28985.4	21034.8	13954.5	9008.9	5953.9	3985.3	2688.9	1750.6	1086.4	674.2
-7.5°	18111.9	16915.5	13794.5	9745.2	6770.2	4865.6	3441.1	2376.8	1562.5	984.3	622.2
-10°	10421.4	10009.3	8764.8	6692.2	5241.7	3847.2	2776.9	1972.6	1294.4	842.3	552.2
-12.5°	6420.1	6198.0	5673.8	4719.5	3795.2	2898.9	2174.7	1564.5	1062.3	700.2	470.2
-15°	4189.4	4001.3	3741.2	3253.1	2694.9	2140.7	1640.5	1184.4	814.3	572.2	402.1
-17.5°	2646.9	2614.8	2464.8	2150.7	1824.6	1492.5	1156.4	868.3	624.2	448.1	322.1
-20°	1660.5	1618.5	1540.5	1382.4	1164.4	976.3	774.3	612.2	452.1	344.1	266.1



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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°	1036.3	1018.3	970.3	890.3	766.2	652.2	548.2	438.1	344.1	276.1	222.1
-25°	668.2	662.2	638.2	594.2	528.2	458.1	398.1	328.1	276.1	224.1	188.1
-27.5°	464.2	452.1	440.1	416.1	382.1	338.1	302.1	262.1	226.1	190.1	164.1
-30°	336.1	332.1	324.1	312.1	290.1	266.1	242.1	216.1	190.1	166.1	148.0
-32.5°	254.1	256.1	250.1	244.1	232.1	218.1	202.1	184.1	164.1	148.0	132.0
-35°	206.1	206.1	202.1	198.1	192.1	182.1	172.1	158.1	144.0	130.0	116.0
-37.5°	166.1	166.1	164.1	164.1	160.1	154.1	146.0	136.0	124.0	112.0	102.0
-40°	140.0	140.0	140.0	138.0	136.0	132.0	124.0	118.0	108.0	98.0	90.0
-42.5°	124.0	122.0	120.0	120.0	118.0	112.0	108.0	102.0	94.0	88.0	80.0
-45°	108.0	106.0	104.0	104.0	102.0	98.0	94.0	90.0	84.0	78.0	74.0
-47.5°	94.0	94.0	92.0	92.0	90.0	88.0	84.0	80.0	76.0	72.0	68.0
-50°	80.0	80.0	80.0	78.0	78.0	76.0	74.0	70.0	66.0	64.0	62.0
-52.5°	70.0	68.0	68.0	68.0	68.0	66.0	64.0	62.0	58.0	56.0	54.0
-55°	62.0	62.0	62.0	62.0	60.0	60.0	58.0	56.0	52.0	50.0	48.0
-57.5°	56.0	56.0	56.0	54.0	54.0	54.0	52.0	50.0	48.0	46.0	44.0
-60°	46.0	46.0	46.0	46.0	46.0	46.0	44.0	44.0	40.0	38.0	38.0
-62.5°	42.0	42.0	42.0	42.0	42.0	40.0	40.0	38.0	36.0	34.0	34.0
-65°	38.0	38.0	38.0	38.0	38.0	36.0	36.0	34.0	32.0	30.0	30.0
-67.5°	34.0	34.0	34.0	34.0	34.0	34.0	32.0	30.0	30.0	28.0	26.0
-70°	30.0	30.0	30.0	30.0	30.0	30.0	28.0	28.0	26.0	26.0	24.0
-72.5°	28.0	26.0	26.0	26.0	26.0	24.0	24.0	24.0	22.0	22.0	22.0
-75°	20.0	20.0	20.0	20.0	20.0	20.0	20.0	18.0	18.0	18.0	18.0
-77.5°	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0
-80°	12.0	12.0	12.0	14.0	14.0	16.0	18.0	16.0	16.0	16.0	14.0
-82.5°	8.0	10.0	10.0	10.0	10.0	12.0	12.0	12.0	12.0	10.0	10.0
-85°	6.0	6.0	6.0	6.0	8.0	8.0	8.0	8.0	6.0	6.0	6.0
-87.5°	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
-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°	4.0	4.0	4.0	4.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
85°	6.0	6.0	6.0	6.0	6.0	6.0	4.0	4.0	4.0	4.0	4.0
82.5°	10.0	10.0	10.0	8.0	8.0	8.0	6.0	6.0	8.0	8.0	8.0
80°	14.0	12.0	12.0	10.0	10.0	10.0	8.0	8.0	8.0	8.0	8.0
77.5°	16.0	14.0	14.0	12.0	12.0	10.0	10.0	10.0	8.0	8.0	8.0
75°	16.0	16.0	14.0	14.0	14.0	14.0	14.0	12.0	10.0	10.0	10.0
72.5°	22.0	22.0	20.0	20.0	18.0	18.0	18.0	18.0	16.0	14.0	12.0
70°	24.0	24.0	24.0	22.0	22.0	20.0	20.0	18.0	18.0	16.0	16.0
67.5°	26.0	26.0	26.0	24.0	24.0	22.0	22.0	20.0	20.0	18.0	16.0
65°	28.0	28.0	26.0	26.0	24.0	24.0	22.0	20.0	20.0	18.0	18.0
62.5°	32.0	30.0	28.0	28.0	26.0	24.0	24.0	22.0	20.0	18.0	18.0
60°	36.0	34.0	32.0	30.0	28.0	26.0	24.0	22.0	20.0	18.0	18.0
57.5°	42.0	40.0	38.0	34.0	32.0	28.0	26.0	24.0	22.0	18.0	18.0
55°	46.0	44.0	42.0	38.0	36.0	32.0	30.0	26.0	24.0	20.0	18.0
52.5°	52.0	48.0	46.0	42.0	40.0	36.0	34.0	30.0	26.0	24.0	20.0
50°	58.0	56.0	52.0	48.0	44.0	40.0	36.0	34.0	30.0	26.0	22.0
47.5°	64.0	62.0	58.0	54.0	50.0	44.0	40.0	36.0	32.0	30.0	26.0
45°	70.0	66.0	62.0	60.0	54.0	50.0	44.0	40.0	36.0	32.0	28.0
42.5°	76.0	72.0	68.0	64.0	58.0	54.0	48.0	44.0	40.0	36.0	30.0
40°	84.0	78.0	74.0	68.0	64.0	58.0	52.0	46.0	42.0	38.0	34.0
37.5°	94.0	88.0	80.0	74.0	70.0	64.0	58.0	52.0	46.0	42.0	36.0
35°	106.0	98.0	90.0	82.0	76.0	70.0	62.0	56.0	50.0	44.0	40.0
32.5°	120.0	108.0	98.0	90.0	82.0	74.0	66.0	60.0	54.0	46.0	42.0
30°	132.0	120.0	108.0	98.0	88.0	78.0	70.0	64.0	56.0	50.0	44.0
27.5°	146.0	130.0	118.0	106.0	94.0	82.0	74.0	66.0	60.0	52.0	46.0
25°	162.1	142.0	128.0	114.0	100.0	88.0	78.0	70.0	62.0	56.0	48.0
22.5°	182.1	158.1	140.0	124.0	108.0	92.0	82.0	74.0	66.0	58.0	50.0
20°	212.1	178.1	154.1	134.0	116.0	100.0	88.0	78.0	70.0	60.0	52.0
17.5°	248.1	204.1	172.1	146.0	124.0	108.0	94.0	82.0	72.0	64.0	54.0
15°	294.1	228.1	186.1	156.1	132.0	114.0	98.0	86.0	74.0	66.0	56.0
12.5°	330.1	250.1	200.1	168.1	142.0	122.0	102.0	88.0	76.0	66.0	58.0
10°	376.1	274.1	214.1	176.1	148.0	124.0	106.0	90.0	78.0	68.0	60.0
7.5°	412.1	292.1	224.1	180.1	150.0	126.0	108.0	92.0	78.0	68.0	60.0
5°	438.1	306.1	228.1	182.1	152.0	128.0	108.0	92.0	80.0	70.0	60.0
2.5°	454.1	318.1	234.1	184.1	154.1	130.0	110.0	94.0	80.0	70.0	60.0
0°	454.1	318.1	236.1	184.1	154.1	132.0	110.0	94.0	80.0	70.0	60.0
-2.5°	454.1	318.1	234.1	184.1	154.1	130.0	110.0	94.0	80.0	70.0	60.0
-5°	438.1	306.1	228.1	182.1	152.0	128.0	108.0	92.0	80.0	70.0	60.0
-7.5°	412.1	292.1	224.1	180.1	150.0	126.0	108.0	92.0	78.0	68.0	60.0
-10°	376.1	274.1	214.1	176.1	148.0	124.0	106.0	90.0	78.0	68.0	60.0
-12.5°	330.1	250.1	200.1	168.1	142.0	122.0	102.0	88.0	76.0	66.0	58.0
-15°	294.1	228.1	186.1	156.1	132.0	114.0	98.0	86.0	74.0	66.0	56.0
-17.5°	248.1	204.1	172.1	146.0	124.0	108.0	94.0	82.0	72.0	64.0	54.0
-20°	212.1	178.1	154.1	134.0	116.0	100.0	88.0	78.0	70.0	60.0	52.0



REPORT NUMBER: P640014  
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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°	182.1	158.1	140.0	124.0	108.0	92.0	82.0	74.0	66.0	58.0	50.0
-25°	162.1	142.0	128.0	114.0	100.0	88.0	78.0	70.0	62.0	56.0	48.0
-27.5°	146.0	130.0	118.0	106.0	94.0	82.0	74.0	66.0	60.0	52.0	46.0
-30°	132.0	120.0	108.0	98.0	88.0	78.0	70.0	64.0	56.0	50.0	44.0
-32.5°	120.0	108.0	98.0	90.0	82.0	74.0	66.0	60.0	54.0	46.0	42.0
-35°	106.0	98.0	90.0	82.0	76.0	70.0	62.0	56.0	50.0	44.0	40.0
-37.5°	94.0	88.0	80.0	74.0	70.0	64.0	58.0	52.0	46.0	42.0	36.0
-40°	84.0	78.0	74.0	68.0	64.0	58.0	52.0	46.0	42.0	38.0	34.0
-42.5°	76.0	72.0	68.0	64.0	58.0	54.0	48.0	44.0	40.0	36.0	30.0
-45°	70.0	66.0	62.0	60.0	54.0	50.0	44.0	40.0	36.0	32.0	28.0
-47.5°	64.0	62.0	58.0	54.0	50.0	44.0	40.0	36.0	32.0	30.0	26.0
-50°	58.0	56.0	52.0	48.0	44.0	40.0	36.0	34.0	30.0	26.0	22.0
-52.5°	52.0	48.0	46.0	42.0	40.0	36.0	34.0	30.0	26.0	24.0	20.0
-55°	46.0	44.0	42.0	38.0	36.0	32.0	30.0	26.0	24.0	20.0	18.0
-57.5°	42.0	40.0	38.0	34.0	32.0	28.0	26.0	24.0	22.0	18.0	18.0
-60°	36.0	34.0	32.0	30.0	28.0	26.0	24.0	22.0	20.0	18.0	18.0
-62.5°	32.0	30.0	28.0	28.0	26.0	24.0	24.0	22.0	20.0	18.0	18.0
-65°	28.0	28.0	26.0	26.0	24.0	24.0	22.0	20.0	20.0	18.0	18.0
-67.5°	26.0	26.0	26.0	24.0	24.0	22.0	22.0	20.0	20.0	18.0	16.0
-70°	24.0	24.0	24.0	22.0	22.0	20.0	20.0	18.0	18.0	16.0	16.0
-72.5°	22.0	22.0	20.0	20.0	18.0	18.0	18.0	18.0	16.0	14.0	12.0
-75°	16.0	16.0	14.0	14.0	14.0	14.0	14.0	12.0	10.0	10.0	10.0
-77.5°	16.0	14.0	14.0	12.0	12.0	10.0	10.0	10.0	8.0	8.0	8.0
-80°	14.0	12.0	12.0	10.0	10.0	10.0	8.0	8.0	8.0	8.0	8.0
-82.5°	10.0	10.0	10.0	8.0	8.0	8.0	6.0	6.0	8.0	8.0	8.0
-85°	6.0	6.0	6.0	6.0	6.0	6.0	4.0	4.0	4.0	4.0	4.0
-87.5°	4.0	4.0	4.0	4.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
-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: P640014  
 CATALOG NUMBER: IFLD-M-SA4A-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°	2.0	2.0	2.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	4.0	4.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	0.0	0.0
82.5°	8.0	8.0	6.0	4.0	4.0	2.0	2.0	2.0	2.0	0.0	0.0
80°	10.0	10.0	8.0	8.0	6.0	4.0	4.0	2.0	2.0	2.0	0.0
77.5°	8.0	8.0	8.0	8.0	8.0	6.0	4.0	4.0	2.0	2.0	0.0
75°	10.0	8.0	8.0	8.0	8.0	6.0	6.0	4.0	2.0	2.0	0.0
72.5°	12.0	10.0	10.0	8.0	8.0	6.0	6.0	4.0	4.0	2.0	2.0
70°	14.0	12.0	10.0	10.0	8.0	6.0	6.0	4.0	4.0	2.0	2.0
67.5°	16.0	14.0	12.0	10.0	8.0	6.0	6.0	4.0	4.0	2.0	2.0
65°	16.0	14.0	12.0	12.0	8.0	8.0	6.0	4.0	4.0	2.0	2.0
62.5°	16.0	14.0	12.0	12.0	10.0	8.0	6.0	4.0	4.0	2.0	2.0
60°	16.0	14.0	12.0	12.0	10.0	8.0	6.0	4.0	4.0	2.0	2.0
57.5°	16.0	14.0	12.0	12.0	10.0	8.0	6.0	4.0	4.0	2.0	2.0
55°	16.0	14.0	12.0	10.0	10.0	8.0	6.0	4.0	4.0	2.0	2.0
52.5°	18.0	16.0	12.0	10.0	10.0	8.0	6.0	4.0	4.0	2.0	2.0
50°	20.0	16.0	14.0	10.0	10.0	8.0	6.0	4.0	4.0	2.0	2.0
47.5°	22.0	18.0	14.0	12.0	10.0	8.0	6.0	4.0	4.0	2.0	2.0
45°	24.0	20.0	16.0	12.0	10.0	8.0	6.0	4.0	4.0	2.0	2.0
42.5°	26.0	22.0	18.0	14.0	10.0	8.0	6.0	4.0	4.0	2.0	2.0
40°	28.0	24.0	18.0	14.0	10.0	8.0	6.0	4.0	4.0	2.0	2.0
37.5°	30.0	26.0	20.0	16.0	12.0	8.0	6.0	4.0	4.0	2.0	2.0
35°	32.0	28.0	22.0	16.0	12.0	8.0	6.0	4.0	4.0	2.0	2.0
32.5°	36.0	30.0	24.0	18.0	14.0	10.0	6.0	4.0	4.0	2.0	2.0
30°	38.0	32.0	26.0	20.0	14.0	10.0	6.0	4.0	4.0	2.0	2.0
27.5°	38.0	32.0	28.0	20.0	16.0	10.0	8.0	6.0	4.0	2.0	2.0
25°	40.0	34.0	28.0	22.0	16.0	12.0	8.0	6.0	4.0	2.0	2.0
22.5°	42.0	36.0	30.0	24.0	18.0	12.0	8.0	6.0	4.0	2.0	2.0
20°	44.0	38.0	30.0	24.0	18.0	12.0	8.0	6.0	4.0	2.0	2.0
17.5°	46.0	38.0	32.0	24.0	18.0	14.0	8.0	6.0	4.0	2.0	2.0
15°	48.0	40.0	32.0	26.0	20.0	14.0	8.0	6.0	4.0	2.0	2.0
12.5°	48.0	42.0	34.0	26.0	20.0	14.0	10.0	6.0	4.0	2.0	2.0
10°	50.0	42.0	34.0	26.0	20.0	14.0	10.0	6.0	4.0	2.0	2.0
7.5°	50.0	42.0	34.0	28.0	20.0	14.0	10.0	6.0	4.0	2.0	2.0
5°	50.0	44.0	34.0	28.0	20.0	14.0	10.0	6.0	4.0	2.0	2.0
2.5°	50.0	44.0	34.0	28.0	20.0	14.0	10.0	6.0	4.0	2.0	2.0
0°	50.0	44.0	34.0	28.0	20.0	14.0	10.0	6.0	4.0	2.0	2.0
-2.5°	50.0	44.0	34.0	28.0	20.0	14.0	10.0	6.0	4.0	2.0	2.0
-5°	50.0	44.0	34.0	28.0	20.0	14.0	10.0	6.0	4.0	2.0	2.0
-7.5°	50.0	42.0	34.0	28.0	20.0	14.0	10.0	6.0	4.0	2.0	2.0
-10°	50.0	42.0	34.0	26.0	20.0	14.0	10.0	6.0	4.0	2.0	2.0
-12.5°	48.0	42.0	34.0	26.0	20.0	14.0	10.0	6.0	4.0	2.0	2.0
-15°	48.0	40.0	32.0	26.0	20.0	14.0	8.0	6.0	4.0	2.0	2.0
-17.5°	46.0	38.0	32.0	24.0	18.0	14.0	8.0	6.0	4.0	2.0	2.0
-20°	44.0	38.0	30.0	24.0	18.0	12.0	8.0	6.0	4.0	2.0	2.0



REPORT NUMBER: P640014  
 CATALOG NUMBER: IFLD-M-SA4A-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°	42.0	36.0	30.0	24.0	18.0	12.0	8.0	6.0	4.0	2.0	2.0
-25°	40.0	34.0	28.0	22.0	16.0	12.0	8.0	6.0	4.0	2.0	2.0
-27.5°	38.0	32.0	28.0	20.0	16.0	10.0	8.0	6.0	4.0	2.0	2.0
-30°	38.0	32.0	26.0	20.0	14.0	10.0	6.0	4.0	4.0	2.0	2.0
-32.5°	36.0	30.0	24.0	18.0	14.0	10.0	6.0	4.0	4.0	2.0	2.0
-35°	32.0	28.0	22.0	16.0	12.0	8.0	6.0	4.0	4.0	2.0	2.0
-37.5°	30.0	26.0	20.0	16.0	12.0	8.0	6.0	4.0	4.0	2.0	2.0
-40°	28.0	24.0	18.0	14.0	10.0	8.0	6.0	4.0	4.0	2.0	2.0
-42.5°	26.0	22.0	18.0	14.0	10.0	8.0	6.0	4.0	4.0	2.0	2.0
-45°	24.0	20.0	16.0	12.0	10.0	8.0	6.0	4.0	4.0	2.0	2.0
-47.5°	22.0	18.0	14.0	12.0	10.0	8.0	6.0	4.0	4.0	2.0	2.0
-50°	20.0	16.0	14.0	10.0	10.0	8.0	6.0	4.0	4.0	2.0	2.0
-52.5°	18.0	16.0	12.0	10.0	10.0	8.0	6.0	4.0	4.0	2.0	2.0
-55°	16.0	14.0	12.0	10.0	10.0	8.0	6.0	4.0	4.0	2.0	2.0
-57.5°	16.0	14.0	12.0	12.0	10.0	8.0	6.0	4.0	4.0	2.0	2.0
-60°	16.0	14.0	12.0	12.0	10.0	8.0	6.0	4.0	4.0	2.0	2.0
-62.5°	16.0	14.0	12.0	12.0	10.0	8.0	6.0	4.0	4.0	2.0	2.0
-65°	16.0	14.0	12.0	12.0	8.0	8.0	6.0	4.0	4.0	2.0	2.0
-67.5°	16.0	14.0	12.0	10.0	8.0	6.0	6.0	4.0	4.0	2.0	2.0
-70°	14.0	12.0	10.0	10.0	8.0	6.0	6.0	4.0	4.0	2.0	2.0
-72.5°	12.0	10.0	10.0	8.0	8.0	6.0	6.0	4.0	4.0	2.0	2.0
-75°	10.0	8.0	8.0	8.0	8.0	6.0	6.0	4.0	2.0	2.0	0.0
-77.5°	8.0	8.0	8.0	8.0	8.0	6.0	4.0	4.0	2.0	2.0	0.0
-80°	10.0	10.0	8.0	8.0	6.0	4.0	4.0	2.0	2.0	2.0	0.0
-82.5°	8.0	8.0	6.0	4.0	4.0	2.0	2.0	2.0	2.0	0.0	0.0
-85°	4.0	4.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	0.0	0.0
-87.5°	2.0	2.0	2.0	2.0	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: P640014  
 CATALOG NUMBER: IFLD-M-SA4A-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°	2.0	0.0	0.0	0.0
30°	2.0	0.0	0.0	0.0
27.5°	2.0	0.0	0.0	0.0
25°	2.0	0.0	0.0	0.0
22.5°	2.0	0.0	0.0	0.0
20°	2.0	0.0	0.0	0.0
17.5°	2.0	0.0	0.0	0.0
15°	2.0	0.0	0.0	0.0
12.5°	2.0	0.0	0.0	0.0
10°	2.0	0.0	0.0	0.0
7.5°	2.0	0.0	0.0	0.0
5°	2.0	0.0	0.0	0.0
2.5°	2.0	0.0	0.0	0.0
0°	2.0	0.0	0.0	0.0
-2.5°	2.0	0.0	0.0	0.0
-5°	2.0	0.0	0.0	0.0
-7.5°	2.0	0.0	0.0	0.0
-10°	2.0	0.0	0.0	0.0
-12.5°	2.0	0.0	0.0	0.0
-15°	2.0	0.0	0.0	0.0
-17.5°	2.0	0.0	0.0	0.0
-20°	2.0	0.0	0.0	0.0



REPORT NUMBER: P640014  
CATALOG NUMBER: IFLD-M-SA4A-AMB-U-33-VI

**CANDELA DISTRIBUTION (continued):**

	82.5°	85°	87.5°	90°
-22.5°	2.0	0.0	0.0	0.0
-25°	2.0	0.0	0.0	0.0
-27.5°	2.0	0.0	0.0	0.0
-30°	2.0	0.0	0.0	0.0
-32.5°	2.0	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)