

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: P640015

Luminaire Tested: **IFLD-L-SA7A-AMB-U-33-VI**

Issue Date: 02/09/2023

Test Information

Test Method: LM-79-2019
Report Number: P640015
Test Lab: INNOVATION CENTER(G2)
Issue Date: 02/09/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-L-SA7A-AMB-U-33-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ 3 distribution lens and VISOR
Light Source: (112) 1620K CCT, 0 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	2H x 2V
Luminaire Lumens:	7335.9 lumens	Max Intensity:	91934.6 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	33.7 lumens/watt		
Luminous Opening:	Rectangular (W 2' x L: 1' x H: 0')		

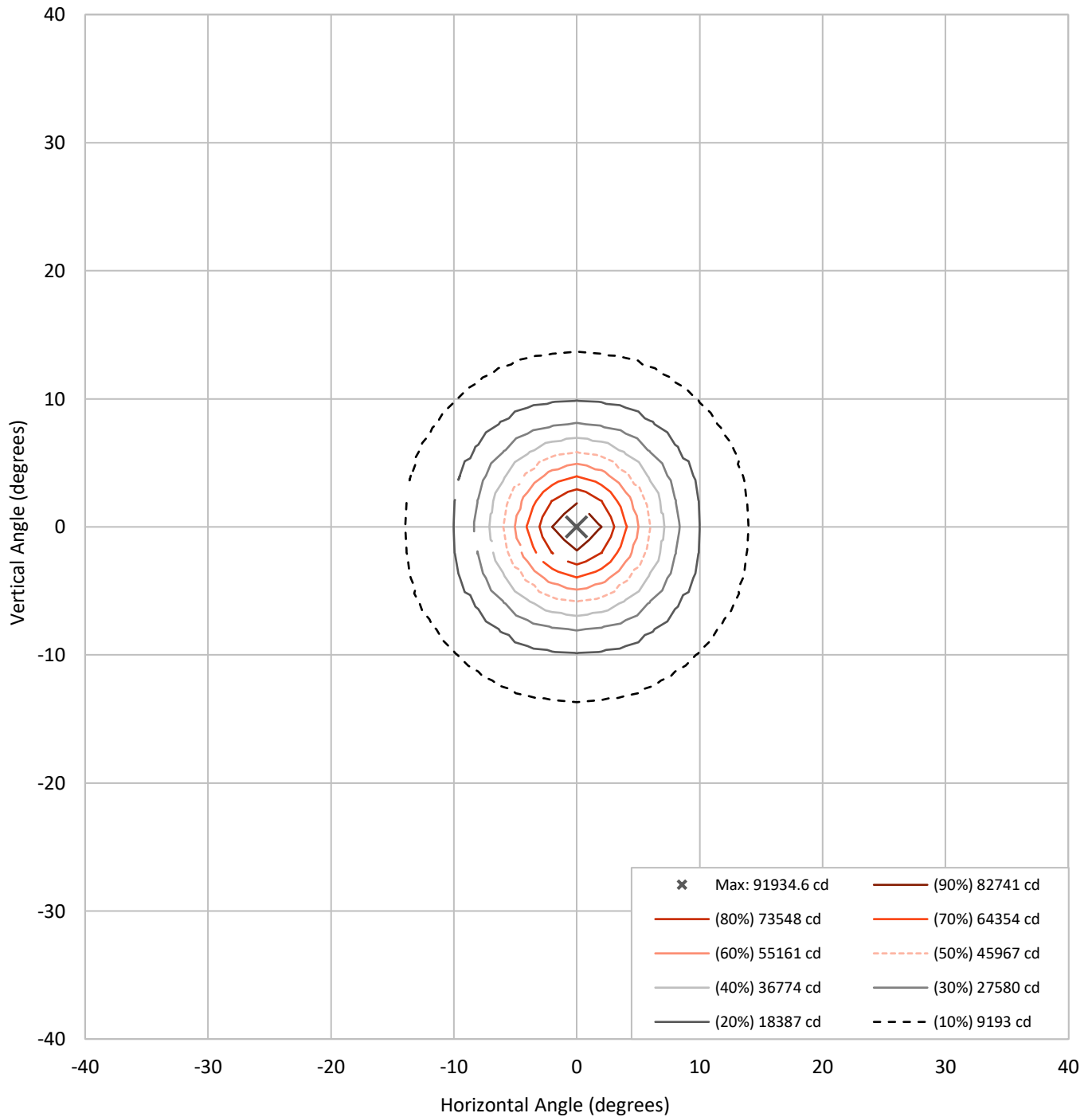
Beam Angle (50%):	12°H x 11.7°V	Field Angle (10%):	27.9°H x 27.2°V
Beam Lumens:	1963.7 lumens	Field Lumens:	4981.9 lumens
Beam Efficiency:	26.8%	Field Efficiency:	67.9%

Input Watts (W): 217.6
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





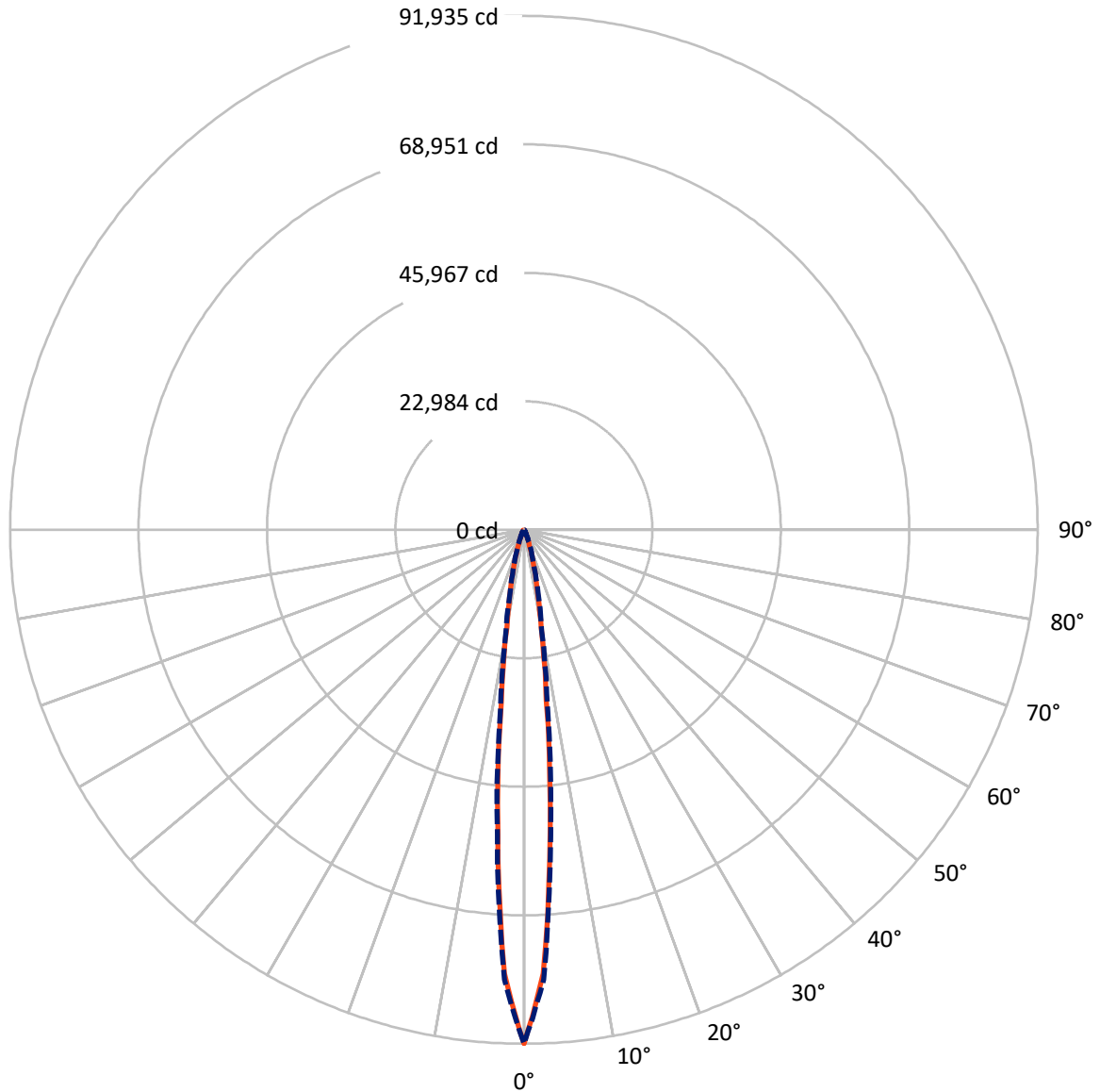
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Lumen Table

90	0.1	0.6		1.5		2.6		2.8		2.6		1.5		0.6		0.1
80	0.1	0.6		1.5		2.6		2.8		2.6		1.5		0.6		0.1
70	0.1	0.2	0.5	0.8	1.1	1.4	1.8	2.0	2.0	1.8	1.4	1.1	0.8	0.5	0.2	0.1
60		0.2	0.5	1.0	1.6	2.3	2.9	3.2	3.2	2.9	2.3	1.6	1.0	0.5	0.2	
50	0.1	0.2	0.7	1.5	2.5	3.5	4.8	5.5	5.5	4.8	3.5	2.5	1.5	0.7	0.2	0.1
40		0.3	1.0	2.1	3.5	5.6	8.7	10.8	10.8	8.7	5.6	3.5	2.1	1.0	0.3	
30	0.1	0.4	1.2	2.6	4.9	9.6	22.0	37.3	37.3	22.0	9.6	4.9	2.6	1.2	0.4	0.1
20		0.4	1.4	3.2	6.9	21.3	87.7	209.5	209.5	87.7	21.3	6.9	3.2	1.4	0.4	
10	0.1	0.5	1.5	3.5	8.3	37.1	216.1	1081.9	1081.9	216.1	37.1	8.3	3.5	1.5	0.5	0.1
0		0.5	1.5	3.5	8.3	37.1	216.1	1081.9	1081.9	216.1	37.1	8.3	3.5	1.5	0.5	
-10	0.1	0.4	1.4	3.2	6.9	21.3	87.7	209.5	209.5	87.7	21.3	6.9	3.2	1.4	0.4	0.1
-20		0.4	1.2	2.6	4.9	9.6	22.0	37.3	37.3	22.0	9.6	4.9	2.6	1.2	0.4	
-30	0.1	0.3	1.0	2.1	3.5	5.6	8.7	10.8	10.8	8.7	5.6	3.5	2.1	1.0	0.3	0.1
-40		0.2	0.7	1.5	2.5	3.5	4.8	5.5	5.5	4.8	3.5	2.5	1.5	0.7	0.2	
-50	0.1	0.2	0.5	1.0	1.6	2.3	2.9	3.2	3.2	2.9	2.3	1.6	1.0	0.5	0.2	0.1
-60		0.2	0.5	0.8	1.1	1.4	1.8	2.0	2.0	1.8	1.4	1.1	0.8	0.5	0.2	
-70	0.1	0.2	0.5	1.0	1.6	2.3	2.9	3.2	3.2	2.9	2.3	1.6	1.0	0.5	0.2	0.1
-80		0.2	0.5	0.8	1.1	1.4	1.8	2.0	2.0	1.8	1.4	1.1	0.8	0.5	0.2	
-90	0.1	0.6		1.5		2.6		2.8		2.6		1.5		0.6		0.1

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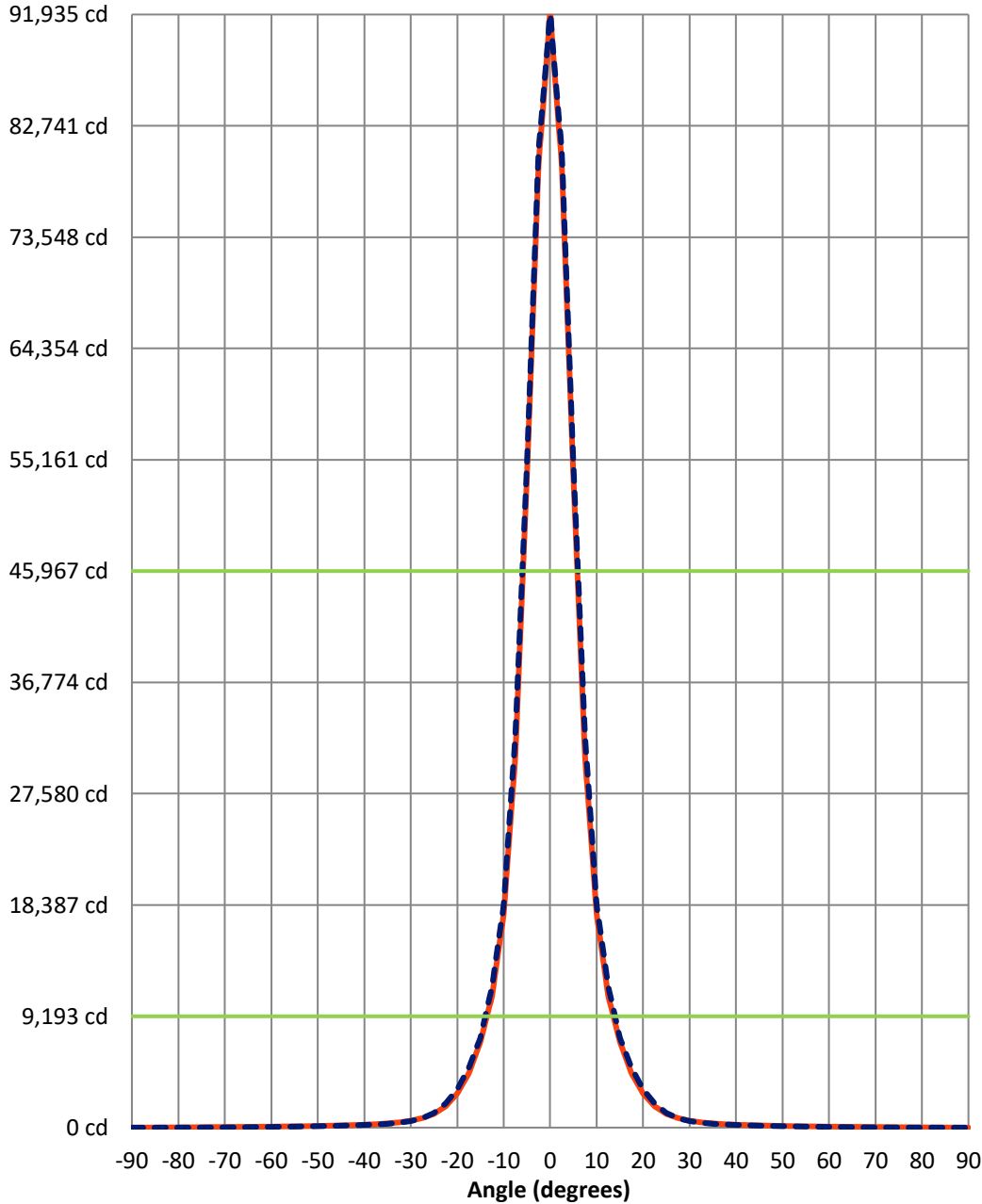
Luminous Intensity Polar Plot



— 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: 1963.7
Efficiency: 26.8%

Field:
H Angle: 27.9°
V Angle: 27.2°
Lumens: 4981.9
Efficiency: 67.9%

Spill:
Lumens: 2354
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°	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8
85°	10.2	10.2	10.2	10.2	13.6	13.6	13.6	13.6	10.2	10.2	10.2
82.5°	13.6	17.0	17.0	17.0	17.0	20.3	20.3	20.3	20.3	17.0	17.0
80°	20.3	20.3	20.3	23.7	23.7	27.1	30.5	27.1	27.1	27.1	23.7
77.5°	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1
75°	33.9	33.9	33.9	33.9	33.9	33.9	33.9	30.5	30.5	30.5	30.5
72.5°	47.5	44.1	44.1	44.1	44.1	40.7	40.7	40.7	37.3	37.3	37.3
70°	50.9	50.9	50.9	50.9	50.9	50.9	47.5	47.5	44.1	44.1	40.7
67.5°	57.6	57.6	57.6	57.6	57.6	57.6	54.3	50.9	50.9	47.5	44.1
65°	64.4	64.4	64.4	64.4	64.4	61.0	61.0	57.6	54.3	50.9	50.9
62.5°	71.2	71.2	71.2	71.2	71.2	67.8	67.8	64.4	61.0	57.6	57.6
60°	78.0	78.0	78.0	78.0	78.0	78.0	74.6	74.6	67.8	64.4	64.4
57.5°	94.9	94.9	94.9	91.6	91.6	91.6	88.2	84.8	81.4	78.0	74.6
55°	105.1	105.1	105.1	105.1	101.7	101.7	98.3	94.9	88.2	84.8	81.4
52.5°	118.7	115.3	115.3	115.3	115.3	111.9	108.5	105.1	98.3	94.9	91.6
50°	135.6	135.6	135.6	132.2	132.2	128.9	125.5	118.7	111.9	108.5	105.1
47.5°	159.4	159.4	156.0	156.0	152.6	149.2	142.4	135.6	128.9	122.1	115.3
45°	183.1	179.7	176.3	176.3	172.9	166.2	159.4	152.6	142.4	132.2	125.5
42.5°	210.2	206.8	203.5	203.5	200.1	189.9	183.1	172.9	159.4	149.2	135.6
40°	237.4	237.4	237.4	234.0	230.6	223.8	210.2	200.1	183.1	166.2	152.6
37.5°	281.4	281.4	278.1	278.1	271.3	261.1	247.5	230.6	210.2	189.9	172.9
35°	349.3	349.3	342.5	335.7	325.5	308.6	291.6	267.9	244.1	220.4	196.7
32.5°	430.6	434.0	423.9	413.7	393.3	369.6	342.5	312.0	278.1	250.9	223.8
30°	569.7	562.9	549.3	529.0	491.7	451.0	410.3	366.2	322.1	281.4	250.9
27.5°	786.7	766.3	746.0	705.3	647.7	573.1	512.0	444.2	383.2	322.1	278.1
25°	1132.6	1122.4	1081.7	1007.1	895.2	776.5	674.8	556.1	467.9	379.8	318.7
22.5°	1756.5	1726.0	1644.6	1509.0	1298.7	1105.4	929.1	742.6	583.2	467.9	376.4
20°	2814.5	2743.3	2611.0	2343.1	1973.5	1654.8	1312.3	1037.6	766.3	583.2	451.0
17.5°	4486.2	4431.9	4177.6	3645.2	3092.5	2529.6	1960.0	1471.7	1058.0	759.6	545.9
15°	7100.6	6781.8	6341.0	5513.6	4567.6	3628.3	2780.6	2007.4	1380.1	969.8	681.6
12.5°	10881.5	10505.1	9616.7	7999.2	6432.6	4913.4	3685.9	2651.7	1800.6	1186.8	796.9
10°	17663.3	16964.8	14855.6	11342.6	8884.2	6520.7	4706.6	3343.4	2193.9	1427.6	935.9
7.5°	30698.0	28670.2	23380.4	16517.2	11474.9	8246.7	5832.4	4028.4	2648.3	1668.3	1054.6
5°	53803.7	49127.7	35652.1	23651.7	15269.3	10091.4	6754.7	4557.4	2967.1	1841.3	1142.7
2.5°	79442.5	69758.0	49568.5	29945.2	17978.7	11176.5	7270.1	4842.2	3143.4	1939.6	1186.8
0°	91934.6	80568.3	54804.1	32413.8	18422.9	11674.9	7436.3	4947.4	3153.6	1993.9	1213.9
-2.5°	79442.5	69758.0	49568.5	29945.2	17978.7	11176.5	7270.1	4842.2	3143.4	1939.6	1186.8
-5°	53803.7	49127.7	35652.1	23651.7	15269.3	10091.4	6754.7	4557.4	2967.1	1841.3	1142.7
-7.5°	30698.0	28670.2	23380.4	16517.2	11474.9	8246.7	5832.4	4028.4	2648.3	1668.3	1054.6
-10°	17663.3	16964.8	14855.6	11342.6	8884.2	6520.7	4706.6	3343.4	2193.9	1427.6	935.9
-12.5°	10881.5	10505.1	9616.7	7999.2	6432.6	4913.4	3685.9	2651.7	1800.6	1186.8	796.9
-15°	7100.6	6781.8	6341.0	5513.6	4567.6	3628.3	2780.6	2007.4	1380.1	969.8	681.6
-17.5°	4486.2	4431.9	4177.6	3645.2	3092.5	2529.6	1960.0	1471.7	1058.0	759.6	545.9
-20°	2814.5	2743.3	2611.0	2343.1	1973.5	1654.8	1312.3	1037.6	766.3	583.2	451.0



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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°	1756.5	1726.0	1644.6	1509.0	1298.7	1105.4	929.1	742.6	583.2	467.9	376.4
-25°	1132.6	1122.4	1081.7	1007.1	895.2	776.5	674.8	556.1	467.9	379.8	318.7
-27.5°	786.7	766.3	746.0	705.3	647.7	573.1	512.0	444.2	383.2	322.1	278.1
-30°	569.7	562.9	549.3	529.0	491.7	451.0	410.3	366.2	322.1	281.4	250.9
-32.5°	430.6	434.0	423.9	413.7	393.3	369.6	342.5	312.0	278.1	250.9	223.8
-35°	349.3	349.3	342.5	335.7	325.5	308.6	291.6	267.9	244.1	220.4	196.7
-37.5°	281.4	281.4	278.1	278.1	271.3	261.1	247.5	230.6	210.2	189.9	172.9
-40°	237.4	237.4	237.4	234.0	230.6	223.8	210.2	200.1	183.1	166.2	152.6
-42.5°	210.2	206.8	203.5	203.5	200.1	189.9	183.1	172.9	159.4	149.2	135.6
-45°	183.1	179.7	176.3	176.3	172.9	166.2	159.4	152.6	142.4	132.2	125.5
-47.5°	159.4	159.4	156.0	156.0	152.6	149.2	142.4	135.6	128.9	122.1	115.3
-50°	135.6	135.6	135.6	132.2	132.2	128.9	125.5	118.7	111.9	108.5	105.1
-52.5°	118.7	115.3	115.3	115.3	115.3	111.9	108.5	105.1	98.3	94.9	91.6
-55°	105.1	105.1	105.1	105.1	101.7	101.7	98.3	94.9	88.2	84.8	81.4
-57.5°	94.9	94.9	94.9	91.6	91.6	91.6	88.2	84.8	81.4	78.0	74.6
-60°	78.0	78.0	78.0	78.0	78.0	78.0	74.6	74.6	67.8	64.4	64.4
-62.5°	71.2	71.2	71.2	71.2	71.2	67.8	67.8	64.4	61.0	57.6	57.6
-65°	64.4	64.4	64.4	64.4	64.4	61.0	61.0	57.6	54.3	50.9	50.9
-67.5°	57.6	57.6	57.6	57.6	57.6	57.6	54.3	50.9	50.9	47.5	44.1
-70°	50.9	50.9	50.9	50.9	50.9	50.9	47.5	47.5	44.1	44.1	40.7
-72.5°	47.5	44.1	44.1	44.1	44.1	40.7	40.7	40.7	37.3	37.3	37.3
-75°	33.9	33.9	33.9	33.9	33.9	33.9	33.9	30.5	30.5	30.5	30.5
-77.5°	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1
-80°	20.3	20.3	20.3	23.7	23.7	27.1	30.5	27.1	27.1	27.1	23.7
-82.5°	13.6	17.0	17.0	17.0	17.0	20.3	20.3	20.3	20.3	17.0	17.0
-85°	10.2	10.2	10.2	10.2	13.6	13.6	13.6	13.6	10.2	10.2	10.2
-87.5°	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8
-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°	6.8	6.8	6.8	6.8	3.4	3.4	3.4	3.4	3.4	3.4	3.4
85°	10.2	10.2	10.2	10.2	10.2	10.2	6.8	6.8	6.8	6.8	6.8
82.5°	17.0	17.0	17.0	13.6	13.6	13.6	10.2	10.2	13.6	13.6	13.6
80°	23.7	20.3	20.3	17.0	17.0	17.0	13.6	13.6	13.6	13.6	13.6
77.5°	27.1	23.7	23.7	20.3	20.3	17.0	17.0	17.0	13.6	13.6	13.6
75°	27.1	27.1	23.7	23.7	23.7	23.7	23.7	20.3	17.0	17.0	17.0
72.5°	37.3	37.3	33.9	33.9	30.5	30.5	30.5	30.5	27.1	23.7	20.3
70°	40.7	40.7	40.7	37.3	37.3	33.9	33.9	30.5	30.5	27.1	27.1
67.5°	44.1	44.1	44.1	40.7	40.7	37.3	37.3	33.9	33.9	30.5	27.1
65°	47.5	47.5	44.1	44.1	40.7	40.7	37.3	33.9	33.9	30.5	30.5
62.5°	54.3	50.9	47.5	47.5	44.1	40.7	40.7	37.3	33.9	30.5	30.5
60°	61.0	57.6	54.3	50.9	47.5	44.1	40.7	37.3	33.9	30.5	30.5
57.5°	71.2	67.8	64.4	57.6	54.3	47.5	44.1	40.7	37.3	30.5	30.5
55°	78.0	74.6	71.2	64.4	61.0	54.3	50.9	44.1	40.7	33.9	30.5
52.5°	88.2	81.4	78.0	71.2	67.8	61.0	57.6	50.9	44.1	40.7	33.9
50°	98.3	94.9	88.2	81.4	74.6	67.8	61.0	57.6	50.9	44.1	37.3
47.5°	108.5	105.1	98.3	91.6	84.8	74.6	67.8	61.0	54.3	50.9	44.1
45°	118.7	111.9	105.1	101.7	91.6	84.8	74.6	67.8	61.0	54.3	47.5
42.5°	128.9	122.1	115.3	108.5	98.3	91.6	81.4	74.6	67.8	61.0	50.9
40°	142.4	132.2	125.5	115.3	108.5	98.3	88.2	78.0	71.2	64.4	57.6
37.5°	159.4	149.2	135.6	125.5	118.7	108.5	98.3	88.2	78.0	71.2	61.0
35°	179.7	166.2	152.6	139.0	128.9	118.7	105.1	94.9	84.8	74.6	67.8
32.5°	203.5	183.1	166.2	152.6	139.0	125.5	111.9	101.7	91.6	78.0	71.2
30°	223.8	203.5	183.1	166.2	149.2	132.2	118.7	108.5	94.9	84.8	74.6
27.5°	247.5	220.4	200.1	179.7	159.4	139.0	125.5	111.9	101.7	88.2	78.0
25°	274.7	240.8	217.0	193.3	169.5	149.2	132.2	118.7	105.1	94.9	81.4
22.5°	308.6	267.9	237.4	210.2	183.1	156.0	139.0	125.5	111.9	98.3	84.8
20°	359.4	301.8	261.1	227.2	196.7	169.5	149.2	132.2	118.7	101.7	88.2
17.5°	420.5	345.9	291.6	247.5	210.2	183.1	159.4	139.0	122.1	108.5	91.6
15°	498.5	386.6	315.4	264.5	223.8	193.3	166.2	145.8	125.5	111.9	94.9
12.5°	559.5	423.9	339.1	284.8	240.8	206.8	172.9	149.2	128.9	111.9	98.3
10°	637.5	464.6	362.8	298.4	250.9	210.2	179.7	152.6	132.2	115.3	101.7
7.5°	698.5	495.1	379.8	305.2	254.3	213.6	183.1	156.0	132.2	115.3	101.7
5°	742.6	518.8	386.6	308.6	257.7	217.0	183.1	156.0	135.6	118.7	101.7
2.5°	769.7	539.2	396.7	312.0	261.1	220.4	186.5	159.4	135.6	118.7	101.7
0°	769.7	539.2	400.1	312.0	261.1	223.8	186.5	159.4	135.6	118.7	101.7
-2.5°	769.7	539.2	396.7	312.0	261.1	220.4	186.5	159.4	135.6	118.7	101.7
-5°	742.6	518.8	386.6	308.6	257.7	217.0	183.1	156.0	135.6	118.7	101.7
-7.5°	698.5	495.1	379.8	305.2	254.3	213.6	183.1	156.0	132.2	115.3	101.7
-10°	637.5	464.6	362.8	298.4	250.9	210.2	179.7	152.6	132.2	115.3	101.7
-12.5°	559.5	423.9	339.1	284.8	240.8	206.8	172.9	149.2	128.9	111.9	98.3
-15°	498.5	386.6	315.4	264.5	223.8	193.3	166.2	145.8	125.5	111.9	94.9
-17.5°	420.5	345.9	291.6	247.5	210.2	183.1	159.4	139.0	122.1	108.5	91.6
-20°	359.4	301.8	261.1	227.2	196.7	169.5	149.2	132.2	118.7	101.7	88.2



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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°	308.6	267.9	237.4	210.2	183.1	156.0	139.0	125.5	111.9	98.3	84.8
-25°	274.7	240.8	217.0	193.3	169.5	149.2	132.2	118.7	105.1	94.9	81.4
-27.5°	247.5	220.4	200.1	179.7	159.4	139.0	125.5	111.9	101.7	88.2	78.0
-30°	223.8	203.5	183.1	166.2	149.2	132.2	118.7	108.5	94.9	84.8	74.6
-32.5°	203.5	183.1	166.2	152.6	139.0	125.5	111.9	101.7	91.6	78.0	71.2
-35°	179.7	166.2	152.6	139.0	128.9	118.7	105.1	94.9	84.8	74.6	67.8
-37.5°	159.4	149.2	135.6	125.5	118.7	108.5	98.3	88.2	78.0	71.2	61.0
-40°	142.4	132.2	125.5	115.3	108.5	98.3	88.2	78.0	71.2	64.4	57.6
-42.5°	128.9	122.1	115.3	108.5	98.3	91.6	81.4	74.6	67.8	61.0	50.9
-45°	118.7	111.9	105.1	101.7	91.6	84.8	74.6	67.8	61.0	54.3	47.5
-47.5°	108.5	105.1	98.3	91.6	84.8	74.6	67.8	61.0	54.3	50.9	44.1
-50°	98.3	94.9	88.2	81.4	74.6	67.8	61.0	57.6	50.9	44.1	37.3
-52.5°	88.2	81.4	78.0	71.2	67.8	61.0	57.6	50.9	44.1	40.7	33.9
-55°	78.0	74.6	71.2	64.4	61.0	54.3	50.9	44.1	40.7	33.9	30.5
-57.5°	71.2	67.8	64.4	57.6	54.3	47.5	44.1	40.7	37.3	30.5	30.5
-60°	61.0	57.6	54.3	50.9	47.5	44.1	40.7	37.3	33.9	30.5	30.5
-62.5°	54.3	50.9	47.5	47.5	44.1	40.7	40.7	37.3	33.9	30.5	30.5
-65°	47.5	47.5	44.1	44.1	40.7	40.7	37.3	33.9	33.9	30.5	30.5
-67.5°	44.1	44.1	44.1	40.7	40.7	37.3	37.3	33.9	33.9	30.5	27.1
-70°	40.7	40.7	40.7	37.3	37.3	33.9	33.9	30.5	30.5	27.1	27.1
-72.5°	37.3	37.3	33.9	33.9	30.5	30.5	30.5	30.5	27.1	23.7	20.3
-75°	27.1	27.1	23.7	23.7	23.7	23.7	23.7	20.3	17.0	17.0	17.0
-77.5°	27.1	23.7	23.7	20.3	20.3	17.0	17.0	17.0	13.6	13.6	13.6
-80°	23.7	20.3	20.3	17.0	17.0	17.0	13.6	13.6	13.6	13.6	13.6
-82.5°	17.0	17.0	17.0	13.6	13.6	13.6	10.2	10.2	13.6	13.6	13.6
-85°	10.2	10.2	10.2	10.2	10.2	10.2	6.8	6.8	6.8	6.8	6.8
-87.5°	6.8	6.8	6.8	6.8	3.4	3.4	3.4	3.4	3.4	3.4	3.4
-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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 CATALOG NUMBER: IFLD-L-SA7A-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°	3.4	3.4	3.4	3.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	6.8	6.8	3.4	3.4	3.4	3.4	3.4	3.4	3.4	0.0	0.0
82.5°	13.6	13.6	10.2	6.8	6.8	3.4	3.4	3.4	3.4	0.0	0.0
80°	17.0	17.0	13.6	13.6	10.2	6.8	6.8	3.4	3.4	3.4	0.0
77.5°	13.6	13.6	13.6	13.6	13.6	10.2	6.8	6.8	3.4	3.4	0.0
75°	17.0	13.6	13.6	13.6	13.6	10.2	10.2	6.8	3.4	3.4	0.0
72.5°	20.3	17.0	17.0	13.6	13.6	10.2	10.2	6.8	6.8	3.4	3.4
70°	23.7	20.3	17.0	17.0	13.6	10.2	10.2	6.8	6.8	3.4	3.4
67.5°	27.1	23.7	20.3	17.0	13.6	10.2	10.2	6.8	6.8	3.4	3.4
65°	27.1	23.7	20.3	20.3	13.6	13.6	10.2	6.8	6.8	3.4	3.4
62.5°	27.1	23.7	20.3	20.3	17.0	13.6	10.2	6.8	6.8	3.4	3.4
60°	27.1	23.7	20.3	20.3	17.0	13.6	10.2	6.8	6.8	3.4	3.4
57.5°	27.1	23.7	20.3	20.3	17.0	13.6	10.2	6.8	6.8	3.4	3.4
55°	27.1	23.7	20.3	17.0	17.0	13.6	10.2	6.8	6.8	3.4	3.4
52.5°	30.5	27.1	20.3	17.0	17.0	13.6	10.2	6.8	6.8	3.4	3.4
50°	33.9	27.1	23.7	17.0	17.0	13.6	10.2	6.8	6.8	3.4	3.4
47.5°	37.3	30.5	23.7	20.3	17.0	13.6	10.2	6.8	6.8	3.4	3.4
45°	40.7	33.9	27.1	20.3	17.0	13.6	10.2	6.8	6.8	3.4	3.4
42.5°	44.1	37.3	30.5	23.7	17.0	13.6	10.2	6.8	6.8	3.4	3.4
40°	47.5	40.7	30.5	23.7	17.0	13.6	10.2	6.8	6.8	3.4	3.4
37.5°	50.9	44.1	33.9	27.1	20.3	13.6	10.2	6.8	6.8	3.4	3.4
35°	54.3	47.5	37.3	27.1	20.3	13.6	10.2	6.8	6.8	3.4	3.4
32.5°	61.0	50.9	40.7	30.5	23.7	17.0	10.2	6.8	6.8	3.4	3.4
30°	64.4	54.3	44.1	33.9	23.7	17.0	10.2	6.8	6.8	3.4	3.4
27.5°	64.4	54.3	47.5	33.9	27.1	17.0	13.6	10.2	6.8	3.4	3.4
25°	67.8	57.6	47.5	37.3	27.1	20.3	13.6	10.2	6.8	3.4	3.4
22.5°	71.2	61.0	50.9	40.7	30.5	20.3	13.6	10.2	6.8	3.4	3.4
20°	74.6	64.4	50.9	40.7	30.5	20.3	13.6	10.2	6.8	3.4	3.4
17.5°	78.0	64.4	54.3	40.7	30.5	23.7	13.6	10.2	6.8	3.4	3.4
15°	81.4	67.8	54.3	44.1	33.9	23.7	13.6	10.2	6.8	3.4	3.4
12.5°	81.4	71.2	57.6	44.1	33.9	23.7	17.0	10.2	6.8	3.4	3.4
10°	84.8	71.2	57.6	44.1	33.9	23.7	17.0	10.2	6.8	3.4	3.4
7.5°	84.8	71.2	57.6	47.5	33.9	23.7	17.0	10.2	6.8	3.4	3.4
5°	84.8	74.6	57.6	47.5	33.9	23.7	17.0	10.2	6.8	3.4	3.4
2.5°	84.8	74.6	57.6	47.5	33.9	23.7	17.0	10.2	6.8	3.4	3.4
0°	84.8	74.6	57.6	47.5	33.9	23.7	17.0	10.2	6.8	3.4	3.4
-2.5°	84.8	74.6	57.6	47.5	33.9	23.7	17.0	10.2	6.8	3.4	3.4
-5°	84.8	74.6	57.6	47.5	33.9	23.7	17.0	10.2	6.8	3.4	3.4
-7.5°	84.8	71.2	57.6	47.5	33.9	23.7	17.0	10.2	6.8	3.4	3.4
-10°	84.8	71.2	57.6	44.1	33.9	23.7	17.0	10.2	6.8	3.4	3.4
-12.5°	81.4	71.2	57.6	44.1	33.9	23.7	17.0	10.2	6.8	3.4	3.4
-15°	81.4	67.8	54.3	44.1	33.9	23.7	13.6	10.2	6.8	3.4	3.4
-17.5°	78.0	64.4	54.3	40.7	30.5	23.7	13.6	10.2	6.8	3.4	3.4
-20°	74.6	64.4	50.9	40.7	30.5	20.3	13.6	10.2	6.8	3.4	3.4



REPORT NUMBER: P640015
 CATALOG NUMBER: IFLD-L-SA7A-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°	71.2	61.0	50.9	40.7	30.5	20.3	13.6	10.2	6.8	3.4	3.4
-25°	67.8	57.6	47.5	37.3	27.1	20.3	13.6	10.2	6.8	3.4	3.4
-27.5°	64.4	54.3	47.5	33.9	27.1	17.0	13.6	10.2	6.8	3.4	3.4
-30°	64.4	54.3	44.1	33.9	23.7	17.0	10.2	6.8	6.8	3.4	3.4
-32.5°	61.0	50.9	40.7	30.5	23.7	17.0	10.2	6.8	6.8	3.4	3.4
-35°	54.3	47.5	37.3	27.1	20.3	13.6	10.2	6.8	6.8	3.4	3.4
-37.5°	50.9	44.1	33.9	27.1	20.3	13.6	10.2	6.8	6.8	3.4	3.4
-40°	47.5	40.7	30.5	23.7	17.0	13.6	10.2	6.8	6.8	3.4	3.4
-42.5°	44.1	37.3	30.5	23.7	17.0	13.6	10.2	6.8	6.8	3.4	3.4
-45°	40.7	33.9	27.1	20.3	17.0	13.6	10.2	6.8	6.8	3.4	3.4
-47.5°	37.3	30.5	23.7	20.3	17.0	13.6	10.2	6.8	6.8	3.4	3.4
-50°	33.9	27.1	23.7	17.0	17.0	13.6	10.2	6.8	6.8	3.4	3.4
-52.5°	30.5	27.1	20.3	17.0	17.0	13.6	10.2	6.8	6.8	3.4	3.4
-55°	27.1	23.7	20.3	17.0	17.0	13.6	10.2	6.8	6.8	3.4	3.4
-57.5°	27.1	23.7	20.3	20.3	17.0	13.6	10.2	6.8	6.8	3.4	3.4
-60°	27.1	23.7	20.3	20.3	17.0	13.6	10.2	6.8	6.8	3.4	3.4
-62.5°	27.1	23.7	20.3	20.3	17.0	13.6	10.2	6.8	6.8	3.4	3.4
-65°	27.1	23.7	20.3	20.3	13.6	13.6	10.2	6.8	6.8	3.4	3.4
-67.5°	27.1	23.7	20.3	17.0	13.6	10.2	10.2	6.8	6.8	3.4	3.4
-70°	23.7	20.3	17.0	17.0	13.6	10.2	10.2	6.8	6.8	3.4	3.4
-72.5°	20.3	17.0	17.0	13.6	13.6	10.2	10.2	6.8	6.8	3.4	3.4
-75°	17.0	13.6	13.6	13.6	13.6	10.2	10.2	6.8	3.4	3.4	0.0
-77.5°	13.6	13.6	13.6	13.6	13.6	10.2	6.8	6.8	3.4	3.4	0.0
-80°	17.0	17.0	13.6	13.6	10.2	6.8	6.8	3.4	3.4	3.4	0.0
-82.5°	13.6	13.6	10.2	6.8	6.8	3.4	3.4	3.4	3.4	0.0	0.0
-85°	6.8	6.8	3.4	3.4	3.4	3.4	3.4	3.4	3.4	0.0	0.0
-87.5°	3.4	3.4	3.4	3.4	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: P640015
 CATALOG NUMBER: IFLD-L-SA7A-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°	3.4	0.0	0.0	0.0
30°	3.4	0.0	0.0	0.0
27.5°	3.4	0.0	0.0	0.0
25°	3.4	0.0	0.0	0.0
22.5°	3.4	0.0	0.0	0.0
20°	3.4	0.0	0.0	0.0
17.5°	3.4	0.0	0.0	0.0
15°	3.4	0.0	0.0	0.0
12.5°	3.4	0.0	0.0	0.0
10°	3.4	0.0	0.0	0.0
7.5°	3.4	0.0	0.0	0.0
5°	3.4	0.0	0.0	0.0
2.5°	3.4	0.0	0.0	0.0
0°	3.4	0.0	0.0	0.0
-2.5°	3.4	0.0	0.0	0.0
-5°	3.4	0.0	0.0	0.0
-7.5°	3.4	0.0	0.0	0.0
-10°	3.4	0.0	0.0	0.0
-12.5°	3.4	0.0	0.0	0.0
-15°	3.4	0.0	0.0	0.0
-17.5°	3.4	0.0	0.0	0.0
-20°	3.4	0.0	0.0	0.0



REPORT NUMBER: P640015
CATALOG NUMBER: IFLD-L-SA7A-AMB-U-33-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	3.4	0.0	0.0	0.0
-25°	3.4	0.0	0.0	0.0
-27.5°	3.4	0.0	0.0	0.0
-30°	3.4	0.0	0.0	0.0
-32.5°	3.4	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)