

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: P640003

Luminaire Tested: **IFLD-L-SA7A-AMB-U-55-VI**

Issue Date: 02/09/2023

Test Information

Test Method: LM-79-2019
Report Number: P640003
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-55-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ 5
distribution lens and VISOR
Light Source: (112) 1620K CCT, 0 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	4H x 5V
Luminaire Lumens:	6929.5 lumens	Max Intensity:	10271.6 candela
Efficiency:	N/A	Max Intensity Angle:	2.5°H x -10°V
Efficacy:	31.8 lumens/watt		
Luminous Opening:	Rectangular (W 2' x L: 1' x H: 0')		

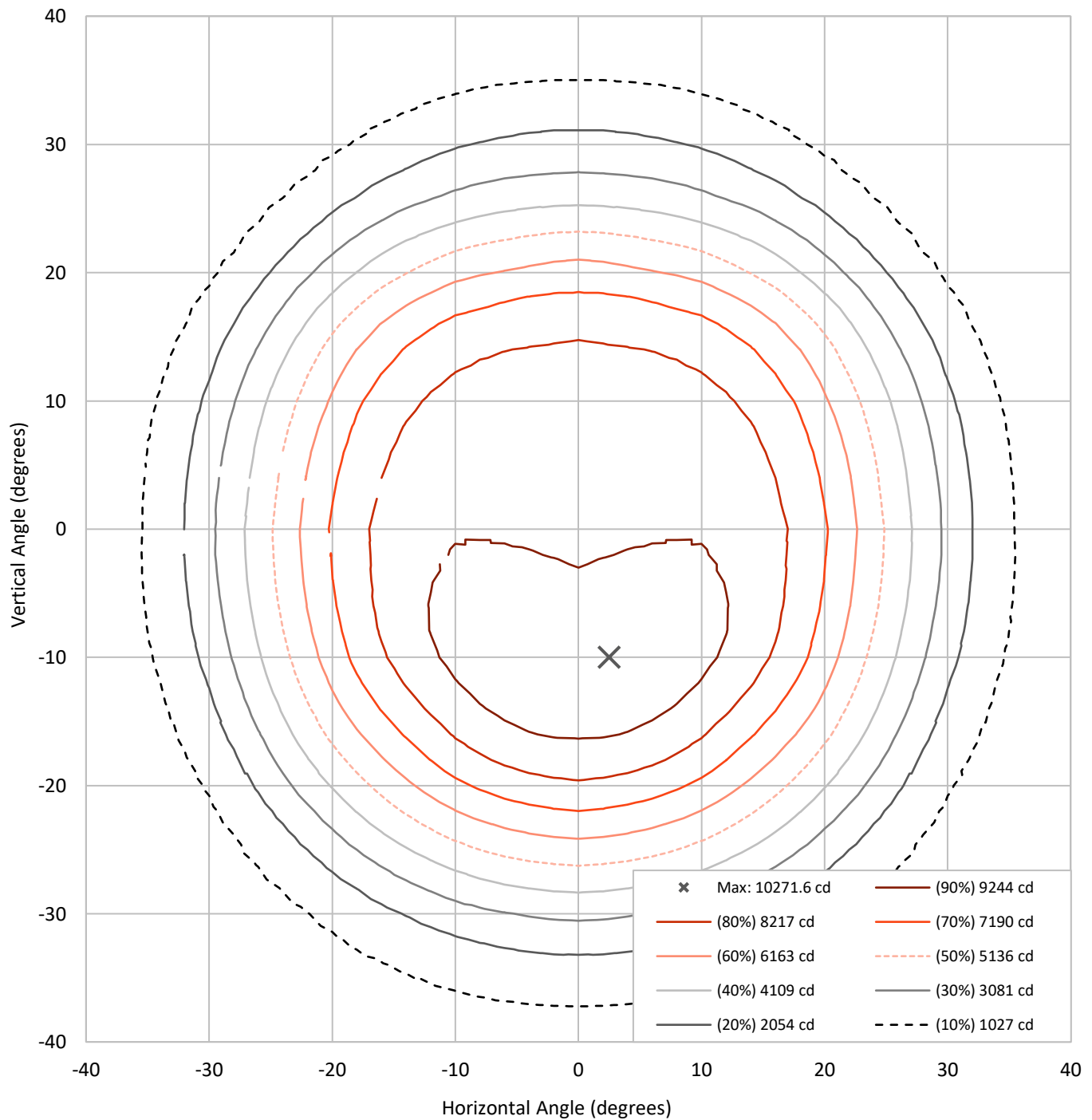
Beam Angle (50%):	46.9°H x 49.2°V	Field Angle (10%):	68.9°H x 71.9°V
Beam Lumens:	4608.4 lumens	Field Lumens:	6243.2 lumens
Beam Efficiency:	66.5%	Field Efficiency:	90.1%

Input Watts (W): 217.6
Input Voltage (V): 120
Input Current (A_{in}): 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



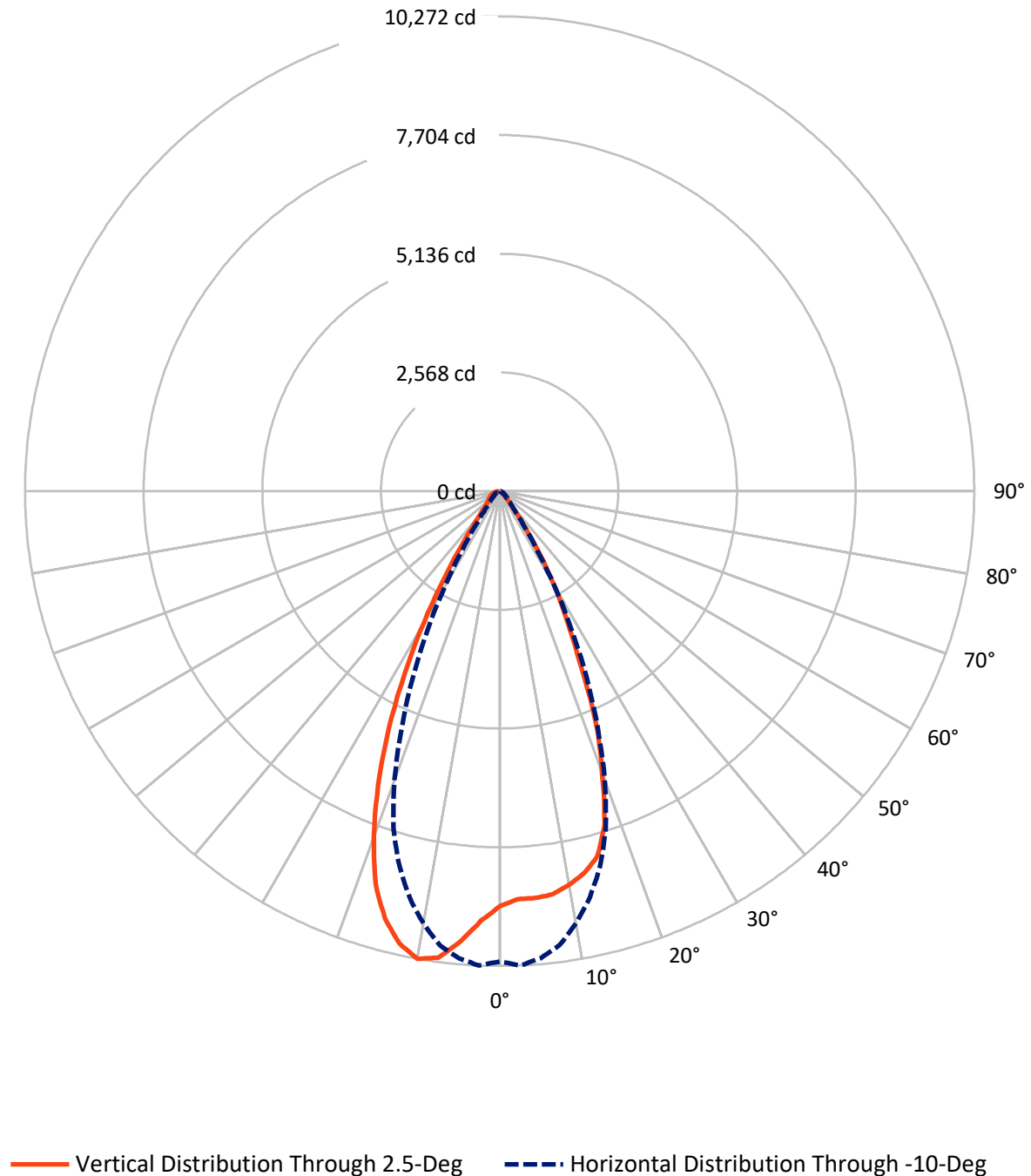
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Lumen Table

90																
80	0.0	0.2		0.2		0.1		0.0		0.1		0.2		0.2		0.0
70	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.0	0.0
60		0.0	0.1	0.3	0.7	1.1	1.4	1.7	1.7	1.4	1.1	0.7	0.3	0.1	0.0	
50	0.0	0.1	0.4	1.1	2.0	3.2	4.8	6.0	6.0	4.8	3.2	2.0	1.1	0.4	0.1	0.0
40		0.2	0.9	2.1	4.2	8.9	20.6	32.6	32.6	20.6	8.9	4.2	2.1	0.9	0.2	
30	0.1	0.3	1.4	3.2	8.2	32.4	87.4	124.9	124.9	87.4	32.4	8.2	3.2	1.4	0.3	0.1
20		0.5	1.8	4.7	19.0	91.2	191.5	237.1	237.1	191.5	91.2	19.0	4.7	1.8	0.5	
10	0.2	0.7	2.2	5.8	30.6	132.0	240.5	269.2	269.2	240.5	132.0	30.6	5.8	2.2	0.7	0.2
0		0.8	2.3	6.0	31.4	135.0	250.3	292.7	292.7	250.3	135.0	31.4	6.0	2.3	0.8	
-10	0.2	0.8	2.4	5.5	21.0	99.5	210.0	276.6	276.6	210.0	99.5	21.0	5.5	2.4	0.8	0.2
-20		0.8	2.3	4.7	11.2	42.6	111.5	163.8	163.8	111.5	42.6	11.2	4.7	2.3	0.8	
-30	0.2	0.7	2.0	4.0	7.0	13.9	30.1	47.0	47.0	30.1	13.9	7.0	4.0	2.0	0.7	0.2
-40		0.6	1.7	3.4	5.4	7.7	10.8	12.9	12.9	10.8	7.7	5.4	3.4	1.7	0.6	
-50	0.2	0.4	1.3	2.7	4.3	5.8	7.3	8.1	8.1	7.3	5.8	4.3	2.7	1.3	0.4	0.2
-60		0.3	0.9	1.9	3.1	4.3	5.4	6.1	6.1	5.4	4.3	3.1	1.9	0.9	0.3	
-70																
-80	0.1	1.0		3.6		7.0		8.7		7.0		3.6		1.0		0.1
-90																
	Horizontal Angle (degrees)															

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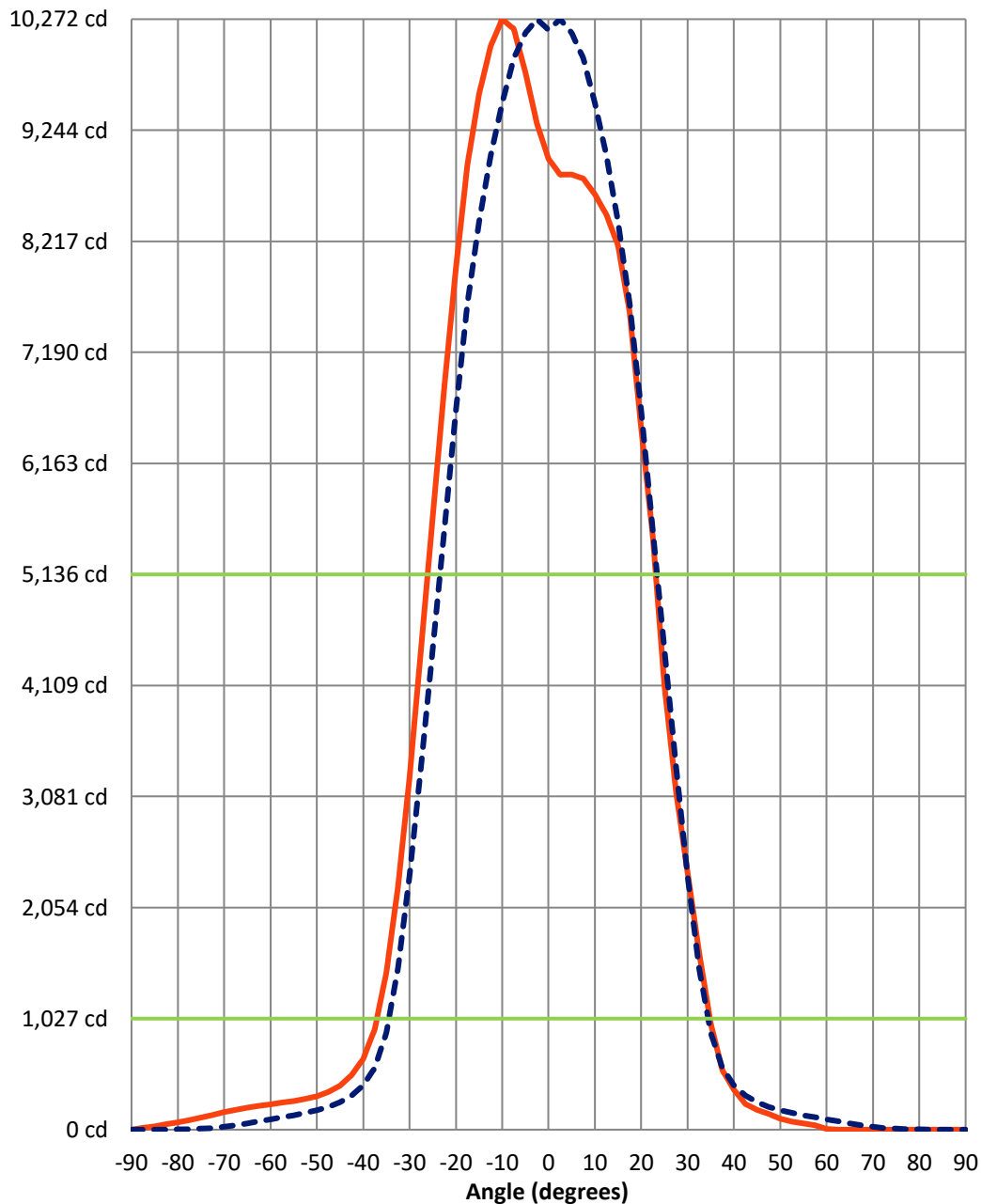
Luminous Intensity Polar Plot



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Luminous Intensity Plot



Beam:

H Angle: 46.9°
V Angle: 49.2°
Lumens: 4608.4
Efficiency: 66.5%

Field:

H Angle: 68.9°
V Angle: 71.9°
Lumens: 6243.2
Efficiency: 90.1%

Spill:

Lumens: 686.3
Efficiency: 9.9%

— Vertical Distribution through 2.5-Deg
- - Horizontal Distribution through -10-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	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.4	3.4
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.4	3.4	3.4
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
62.5°	0.0	0.0	0.0	0.0	3.4	3.4	3.4	3.4	3.4	3.4	3.4
60°	6.8	6.8	6.8	6.8	6.8	6.8	10.2	10.2	10.2	6.8	10.2
57.5°	40.7	40.7	37.3	37.3	33.9	30.5	27.1	27.1	30.5	27.1	23.7
55°	57.6	57.6	57.6	54.2	50.8	50.8	47.5	47.5	44.1	40.7	37.3
52.5°	71.2	74.6	74.6	74.6	71.2	67.8	64.4	61.0	57.6	57.6	54.2
50°	101.7	101.7	101.7	105.1	105.1	101.7	91.5	84.7	78.0	74.6	71.2
47.5°	142.4	145.8	142.4	142.4	139.0	135.6	125.4	115.3	105.1	98.3	94.9
45°	186.4	183.1	179.7	179.7	176.3	166.1	152.5	139.0	128.8	122.0	111.9
42.5°	240.7	237.3	233.9	233.9	227.1	217.0	196.6	172.9	162.7	145.8	132.2
40°	372.9	369.5	362.7	352.6	332.2	305.1	274.6	247.5	217.0	189.8	169.5
37.5°	556.0	552.6	542.4	525.4	498.3	457.6	396.6	352.6	301.7	254.2	223.7
35°	993.3	983.1	942.4	888.2	806.8	701.7	603.4	511.9	417.0	349.2	288.1
32.5°	1634.0	1637.4	1572.9	1481.4	1322.1	1118.7	925.5	756.0	589.9	474.6	372.9
30°	2383.1	2379.8	2264.5	2135.7	1966.2	1728.9	1454.3	1145.8	864.4	657.7	498.3
27.5°	3183.2	3132.3	3061.1	2905.2	2681.5	2400.1	2088.2	1711.9	1325.5	915.3	684.8
25°	4139.2	4115.4	4017.1	3864.6	3590.0	3251.0	2905.2	2389.9	1935.7	1406.8	962.8
22.5°	5576.5	5485.0	5288.4	5051.1	4793.4	4393.4	3945.9	3345.9	2712.0	2071.3	1457.7
20°	6569.8	6485.0	6288.4	6129.1	5854.5	5407.0	4915.5	4274.8	3559.5	2803.5	2054.3
17.5°	7590.1	7559.6	7420.6	7146.1	6952.8	6464.7	5959.6	5220.6	4420.5	3583.2	2681.5
15°	8244.4	8176.6	8091.9	7986.8	7725.7	7352.8	6827.4	6105.3	5244.3	4274.8	3305.2
12.5°	8519.0	8461.4	8447.8	8380.0	8183.4	7888.5	7393.5	6702.0	5824.0	4844.3	3827.3
10°	8695.3	8651.2	8705.4	8668.1	8532.6	8264.7	7847.8	7241.0	6285.0	5291.7	4240.9
7.5°	8817.3	8797.0	8861.4	8888.5	8803.7	8556.3	8173.2	7563.0	6702.0	5661.2	4549.3
5°	8800.4	8834.3	8929.2	8990.2	8929.2	8739.3	8390.2	7820.7	6996.9	5956.2	4776.5
2.5°	8739.3	8834.3	8949.5	9030.9	9024.1	8868.2	8522.4	7969.8	7146.1	6122.3	4912.1
0°	8861.4	8980.0	9091.9	9169.9	9176.6	9041.0	8691.9	8132.5	7302.0	6251.1	5057.8
-2.5°	9105.5	9305.5	9393.6	9403.8	9322.4	9091.9	8691.9	8091.9	7220.6	6173.1	5020.5
-5°	9654.6	9780.1	9797.0	9742.8	9532.6	9197.0	8722.4	8054.6	7139.3	6068.0	4929.0
-7.5°	10064.8	10180.1	10098.7	9936.0	9675.0	9210.5	8651.2	7895.2	6942.7	5857.9	4718.8
-10°	10173.3	10271.6	10142.8	9908.9	9495.3	9007.1	8393.6	7641.0	6647.7	5542.6	4444.2
-12.5°	10014.0	10020.7	9888.5	9583.4	9125.8	8597.0	7932.5	7146.1	6190.1	5132.4	4091.7
-15°	9586.8	9576.7	9403.8	9058.0	8569.8	7993.5	7298.6	6529.1	5644.3	4620.5	3620.5
-17.5°	8966.5	8925.8	8722.4	8346.1	7908.8	7247.8	6563.0	5783.3	4925.6	4017.1	3098.4
-20°	8071.5	7963.0	7769.8	7424.0	6963.0	6376.5	5715.5	4976.5	4173.1	3352.7	2488.2

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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°	6969.8	6864.7	6674.8	6359.6	5942.6	5410.4	4817.1	4125.6	3383.2	2610.3	1874.7
-25°	5752.8	5664.6	5498.5	5223.9	4840.9	4369.7	3834.1	3213.7	2549.3	1905.2	1339.0
-27.5°	4522.2	4454.4	4308.7	4061.2	3718.8	3315.4	2847.6	2312.0	1813.6	1311.9	993.3
-30°	3301.8	3257.8	3108.6	2922.2	2661.1	2315.3	1966.2	1583.1	1233.9	959.4	728.8
-32.5°	2271.3	2244.2	2128.9	1989.9	1793.3	1539.0	1295.0	1084.8	871.2	708.5	552.6
-35°	1450.9	1454.3	1383.1	1298.4	1183.1	1033.9	884.8	769.5	640.7	542.4	454.3
-37.5°	939.0	932.2	898.3	857.7	800.0	722.1	633.9	572.9	501.7	433.9	383.1
-40°	661.0	654.3	633.9	610.2	583.1	545.8	498.3	457.6	413.6	366.1	335.6
-42.5°	508.5	505.1	494.9	481.4	464.4	440.7	410.2	383.1	352.6	325.4	298.3
-45°	406.8	406.8	403.4	396.6	386.5	372.9	352.6	332.2	311.9	291.5	271.2
-47.5°	349.2	349.2	345.8	342.4	335.6	325.4	311.9	294.9	281.4	264.4	250.9
-50°	308.5	308.5	305.1	305.1	301.7	294.9	281.4	271.2	257.6	247.5	233.9
-52.5°	284.8	284.8	281.4	281.4	278.0	274.6	264.4	250.9	240.7	230.5	223.7
-55°	264.4	264.4	264.4	261.0	261.0	257.6	247.5	237.3	227.1	217.0	210.2
-57.5°	250.9	250.9	250.9	247.5	244.1	240.7	233.9	223.7	217.0	206.8	200.0
-60°	237.3	233.9	233.9	230.5	227.1	227.1	217.0	210.2	200.0	193.2	186.4
-62.5°	223.7	220.3	220.3	217.0	213.6	210.2	203.4	196.6	186.4	176.3	172.9
-65°	206.8	203.4	203.4	200.0	196.6	193.2	186.4	179.7	169.5	162.7	155.9
-67.5°	183.1	183.1	183.1	179.7	176.3	172.9	166.1	159.3	152.5	145.8	139.0
-70°	162.7	162.7	162.7	159.3	152.5	149.2	145.8	139.0	132.2	128.8	122.0
-72.5°	135.6	135.6	135.6	132.2	128.8	125.4	122.0	118.6	111.9	108.5	101.7
-75°	111.9	111.9	111.9	108.5	105.1	105.1	101.7	94.9	91.5	88.1	84.7
-77.5°	88.1	88.1	88.1	84.7	84.7	84.7	81.4	78.0	74.6	71.2	67.8
-80°	67.8	67.8	67.8	67.8	67.8	64.4	64.4	61.0	61.0	57.6	54.2
-82.5°	47.5	50.8	50.8	50.8	47.5	47.5	44.1	44.1	44.1	40.7	40.7
-85°	30.5	30.5	30.5	30.5	30.5	30.5	30.5	27.1	27.1	27.1	23.7
-87.5°	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9	13.6	13.6	13.6
-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°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	3.4	3.4	3.4	3.4	3.4	3.4	0.0	0.0	3.4	3.4	3.4
82.5°	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	6.8
80°	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	6.8	6.8
77.5°	0.0	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	6.8
75°	0.0	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4
72.5°	0.0	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4
70°	0.0	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4
67.5°	0.0	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4
65°	0.0	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4
62.5°	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4
60°	10.2	6.8	3.4	6.8	6.8	6.8	6.8	3.4	3.4	3.4	3.4
57.5°	20.3	20.3	16.9	13.6	13.6	10.2	10.2	6.8	6.8	3.4	3.4
55°	33.9	30.5	27.1	27.1	23.7	20.3	13.6	10.2	6.8	6.8	6.8
52.5°	47.5	44.1	40.7	37.3	33.9	30.5	27.1	20.3	13.6	10.2	6.8
50°	67.8	61.0	57.6	50.8	47.5	40.7	37.3	30.5	23.7	16.9	13.6
47.5°	88.1	81.4	74.6	67.8	61.0	54.2	47.5	40.7	33.9	23.7	16.9
45°	105.1	94.9	88.1	81.4	74.6	64.4	57.6	50.8	44.1	33.9	23.7
42.5°	125.4	115.3	101.7	91.5	84.7	78.0	67.8	61.0	54.2	44.1	33.9
40°	152.5	139.0	125.4	111.9	101.7	91.5	81.4	71.2	61.0	54.2	44.1
37.5°	196.6	172.9	152.5	135.6	122.0	108.5	94.9	81.4	71.2	64.4	50.8
35°	250.9	213.6	186.4	159.3	142.4	125.4	111.9	94.9	81.4	71.2	61.0
32.5°	311.9	261.0	220.3	186.4	162.7	142.4	125.4	108.5	91.5	81.4	67.8
30°	386.5	315.3	257.6	213.6	183.1	159.3	135.6	118.6	101.7	88.1	74.6
27.5°	501.7	379.7	305.1	250.9	206.8	172.9	149.2	128.8	115.3	98.3	84.7
25°	688.2	481.4	362.7	294.9	237.3	193.2	162.7	142.4	125.4	108.5	91.5
22.5°	928.9	647.5	467.8	352.6	271.2	213.6	183.1	159.3	139.0	118.6	98.3
20°	1400.1	884.8	589.9	423.7	322.0	250.9	206.8	176.3	149.2	128.8	105.1
17.5°	1884.8	1223.8	786.5	522.1	372.9	284.8	230.5	193.2	162.7	135.6	111.9
15°	2417.0	1610.2	966.1	610.2	423.7	322.0	257.6	210.2	176.3	145.8	122.0
12.5°	2854.4	1935.7	1186.5	735.6	494.9	359.3	278.0	223.7	186.4	152.5	128.8
10°	3227.3	2257.7	1420.4	854.3	545.8	386.5	294.9	233.9	193.2	159.3	132.2
7.5°	3518.8	2515.4	1600.1	935.6	586.5	406.8	305.1	244.1	200.0	166.1	139.0
5°	3715.4	2698.4	1728.9	993.3	613.6	423.7	315.3	250.9	203.4	172.9	142.4
2.5°	3830.7	2851.0	1840.8	1044.1	637.3	437.3	325.4	257.6	210.2	176.3	145.8
0°	3925.6	2867.9	1857.7	1054.3	640.7	444.1	332.2	257.6	210.2	176.3	149.2
-2.5°	3901.9	2871.3	1864.5	1081.4	644.1	444.1	332.2	261.0	213.6	179.7	152.5
-5°	3796.8	2745.9	1773.0	1044.1	627.1	433.9	325.4	261.0	213.6	179.7	152.5
-7.5°	3606.9	2586.5	1657.7	986.5	606.8	423.7	322.0	257.6	213.6	179.7	152.5
-10°	3366.2	2349.2	1491.6	898.3	572.9	410.2	315.3	254.2	210.2	179.7	155.9
-12.5°	3023.9	2040.8	1278.0	793.3	528.8	389.8	305.1	250.9	210.2	179.7	155.9
-15°	2620.4	1732.3	1078.0	681.4	474.6	366.1	294.9	240.7	203.4	176.3	152.5
-17.5°	2142.5	1406.8	911.9	610.2	440.7	345.8	281.4	233.9	200.0	172.9	152.5
-20°	1701.8	1101.7	732.2	522.1	403.4	325.4	267.8	227.1	196.6	172.9	152.5

REPORT NUMBER: P640003

CATALOG NUMBER: IFLD-L-SA7A-AMB-U-55-VI

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
-22.5°	1237.3	867.8	617.0	461.0	366.1	298.3	254.2	220.3	189.8	169.5	149.2
-25°	962.8	684.8	508.5	406.8	335.6	281.4	244.1	210.2	186.4	166.1	145.8
-27.5°	722.1	545.8	440.7	362.7	305.1	264.4	230.5	203.4	179.7	162.7	142.4
-30°	556.0	457.6	379.7	325.4	284.8	250.9	220.3	196.6	176.3	155.9	139.0
-32.5°	461.0	386.5	335.6	298.3	264.4	237.3	213.6	189.8	169.5	152.5	135.6
-35°	389.8	339.0	305.1	271.2	247.5	223.7	203.4	183.1	166.1	149.2	132.2
-37.5°	339.0	305.1	278.0	254.2	233.9	213.6	193.2	176.3	159.3	145.8	128.8
-40°	301.7	278.0	257.6	240.7	220.3	203.4	186.4	169.5	155.9	139.0	122.0
-42.5°	274.6	257.6	240.7	227.1	210.2	193.2	179.7	162.7	149.2	132.2	118.6
-45°	254.2	240.7	227.1	213.6	200.0	186.4	169.5	155.9	142.4	125.4	111.9
-47.5°	237.3	227.1	213.6	203.4	189.8	176.3	162.7	149.2	135.6	122.0	105.1
-50°	223.7	213.6	203.4	193.2	179.7	166.1	155.9	142.4	125.4	111.9	98.3
-52.5°	213.6	203.4	193.2	183.1	169.5	159.3	145.8	132.2	118.6	105.1	91.5
-55°	203.4	193.2	183.1	172.9	159.3	149.2	139.0	125.4	111.9	98.3	84.7
-57.5°	189.8	183.1	172.9	162.7	152.5	142.4	128.8	115.3	101.7	91.5	78.0
-60°	179.7	169.5	162.7	152.5	142.4	128.8	118.6	108.5	94.9	84.7	74.6
-62.5°	166.1	155.9	149.2	139.0	128.8	118.6	108.5	98.3	88.1	78.0	67.8
-65°	149.2	142.4	135.6	125.4	115.3	108.5	98.3	88.1	78.0	67.8	61.0
-67.5°	132.2	125.4	118.6	111.9	105.1	94.9	88.1	78.0	71.2	61.0	54.2
-70°	115.3	108.5	101.7	94.9	88.1	81.4	74.6	67.8	61.0	54.2	47.5
-72.5°	98.3	91.5	88.1	81.4	74.6	67.8	64.4	57.6	50.8	44.1	40.7
-75°	81.4	74.6	71.2	64.4	61.0	57.6	50.8	47.5	40.7	37.3	33.9
-77.5°	64.4	61.0	57.6	54.2	50.8	47.5	44.1	37.3	33.9	30.5	27.1
-80°	50.8	50.8	47.5	44.1	40.7	37.3	33.9	30.5	27.1	23.7	23.7
-82.5°	37.3	37.3	33.9	33.9	30.5	27.1	23.7	20.3	20.3	16.9	16.9
-85°	23.7	23.7	23.7	23.7	20.3	16.9	16.9	13.6	13.6	13.6	10.2
-87.5°	13.6	10.2	10.2	10.2	10.2	10.2	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

REPORT NUMBER: P640003

CATALOG NUMBER: IFLD-L-SA7A-AMB-U-55-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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	3.4	3.4	3.4	3.4	3.4	3.4	0.0	0.0	0.0	0.0	0.0
82.5°	6.8	3.4	3.4	3.4	3.4	3.4	0.0	0.0	0.0	0.0	0.0
80°	6.8	6.8	3.4	3.4	3.4	3.4	0.0	0.0	0.0	0.0	0.0
77.5°	6.8	6.8	3.4	3.4	3.4	3.4	0.0	0.0	0.0	0.0	0.0
75°	6.8	6.8	3.4	3.4	3.4	3.4	0.0	0.0	0.0	0.0	0.0
72.5°	3.4	3.4	3.4	3.4	3.4	3.4	3.4	0.0	0.0	0.0	0.0
70°	3.4	3.4	3.4	3.4	3.4	3.4	3.4	0.0	0.0	0.0	0.0
67.5°	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	0.0	0.0	0.0
65°	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	0.0	0.0	0.0
62.5°	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	0.0	0.0
60°	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	0.0	0.0
57.5°	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	0.0	0.0
55°	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	0.0	0.0
52.5°	6.8	6.8	3.4	3.4	3.4	3.4	3.4	3.4	3.4	0.0	0.0
50°	10.2	6.8	6.8	3.4	3.4	3.4	3.4	3.4	3.4	0.0	0.0
47.5°	13.6	10.2	6.8	3.4	3.4	3.4	3.4	3.4	3.4	0.0	0.0
45°	16.9	13.6	10.2	6.8	3.4	3.4	3.4	3.4	3.4	0.0	0.0
42.5°	23.7	16.9	13.6	10.2	3.4	3.4	3.4	3.4	3.4	0.0	0.0
40°	30.5	23.7	16.9	10.2	6.8	3.4	3.4	3.4	3.4	0.0	0.0
37.5°	40.7	30.5	20.3	13.6	10.2	3.4	3.4	3.4	3.4	0.0	0.0
35°	47.5	37.3	27.1	16.9	10.2	6.8	3.4	3.4	3.4	0.0	0.0
32.5°	54.2	44.1	30.5	23.7	13.6	10.2	6.8	3.4	3.4	0.0	0.0
30°	64.4	50.8	37.3	27.1	16.9	10.2	6.8	3.4	3.4	0.0	0.0
27.5°	71.2	57.6	44.1	30.5	20.3	13.6	6.8	3.4	3.4	0.0	0.0
25°	74.6	61.0	47.5	33.9	23.7	13.6	10.2	3.4	3.4	3.4	0.0
22.5°	81.4	67.8	54.2	40.7	27.1	16.9	10.2	6.8	3.4	3.4	0.0
20°	88.1	74.6	57.6	44.1	30.5	20.3	13.6	6.8	3.4	3.4	0.0
17.5°	94.9	78.0	64.4	47.5	33.9	23.7	13.6	6.8	3.4	3.4	0.0
15°	101.7	84.7	67.8	50.8	37.3	23.7	13.6	10.2	3.4	3.4	0.0
12.5°	108.5	91.5	71.2	54.2	40.7	27.1	16.9	10.2	3.4	3.4	3.4
10°	115.3	94.9	78.0	57.6	40.7	30.5	16.9	10.2	3.4	3.4	3.4
7.5°	118.6	98.3	81.4	61.0	44.1	30.5	16.9	10.2	6.8	3.4	3.4
5°	122.0	101.7	84.7	64.4	47.5	33.9	20.3	13.6	6.8	3.4	3.4
2.5°	125.4	105.1	84.7	64.4	50.8	37.3	20.3	13.6	6.8	3.4	3.4
0°	125.4	108.5	88.1	67.8	50.8	37.3	20.3	13.6	6.8	3.4	3.4
-2.5°	128.8	111.9	91.5	71.2	54.2	37.3	23.7	13.6	6.8	3.4	3.4
-5°	128.8	111.9	91.5	74.6	54.2	40.7	23.7	13.6	10.2	3.4	3.4
-7.5°	128.8	111.9	94.9	78.0	57.6	40.7	27.1	13.6	10.2	3.4	3.4
-10°	132.2	115.3	94.9	78.0	57.6	40.7	27.1	13.6	10.2	3.4	3.4
-12.5°	132.2	115.3	94.9	78.0	57.6	40.7	30.5	16.9	10.2	3.4	3.4
-15°	132.2	115.3	98.3	78.0	57.6	44.1	30.5	16.9	10.2	6.8	3.4
-17.5°	132.2	115.3	94.9	78.0	57.6	44.1	30.5	16.9	10.2	6.8	3.4
-20°	132.2	111.9	94.9	78.0	57.6	44.1	27.1	16.9	10.2	6.8	3.4

REPORT NUMBER: P640003

CATALOG NUMBER: IFLD-L-SA7A-AMB-U-55-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	128.8	111.9	94.9	74.6	57.6	44.1	27.1	16.9	10.2	6.8	3.4
-25°	128.8	108.5	91.5	74.6	54.2	40.7	27.1	16.9	10.2	6.8	3.4
-27.5°	125.4	108.5	91.5	71.2	54.2	40.7	27.1	16.9	10.2	6.8	3.4
-30°	122.0	105.1	88.1	67.8	50.8	40.7	23.7	16.9	10.2	6.8	3.4
-32.5°	118.6	101.7	84.7	64.4	50.8	37.3	23.7	16.9	10.2	6.8	3.4
-35°	115.3	98.3	81.4	64.4	47.5	33.9	23.7	16.9	10.2	6.8	3.4
-37.5°	111.9	94.9	78.0	61.0	47.5	33.9	23.7	16.9	10.2	6.8	3.4
-40°	108.5	91.5	74.6	61.0	44.1	30.5	23.7	16.9	10.2	6.8	3.4
-42.5°	101.7	88.1	71.2	57.6	44.1	30.5	20.3	13.6	10.2	6.8	3.4
-45°	98.3	81.4	67.8	54.2	40.7	30.5	20.3	13.6	10.2	6.8	3.4
-47.5°	91.5	78.0	64.4	50.8	37.3	27.1	20.3	13.6	10.2	6.8	3.4
-50°	84.7	74.6	61.0	47.5	37.3	27.1	16.9	13.6	10.2	6.8	3.4
-52.5°	81.4	67.8	54.2	44.1	33.9	23.7	16.9	13.6	10.2	6.8	3.4
-55°	74.6	61.0	50.8	40.7	33.9	23.7	16.9	13.6	10.2	6.8	3.4
-57.5°	67.8	57.6	47.5	37.3	30.5	23.7	16.9	13.6	10.2	6.8	3.4
-60°	64.4	54.2	44.1	37.3	27.1	23.7	16.9	13.6	10.2	6.8	3.4
-62.5°	57.6	47.5	40.7	33.9	27.1	20.3	16.9	10.2	6.8	6.8	3.4
-65°	50.8	44.1	37.3	30.5	23.7	20.3	13.6	10.2	6.8	3.4	3.4
-67.5°	44.1	40.7	33.9	27.1	23.7	16.9	13.6	10.2	6.8	3.4	3.4
-70°	40.7	33.9	30.5	27.1	20.3	16.9	13.6	10.2	6.8	3.4	3.4
-72.5°	37.3	30.5	27.1	23.7	20.3	13.6	10.2	6.8	6.8	3.4	3.4
-75°	30.5	27.1	23.7	20.3	16.9	13.6	10.2	6.8	3.4	3.4	0.0
-77.5°	23.7	20.3	20.3	16.9	13.6	10.2	6.8	6.8	3.4	3.4	0.0
-80°	20.3	16.9	13.6	13.6	10.2	10.2	6.8	3.4	3.4	3.4	0.0
-82.5°	13.6	13.6	10.2	10.2	10.2	6.8	6.8	3.4	3.4	0.0	0.0
-85°	10.2	10.2	6.8	6.8	6.8	3.4	3.4	3.4	3.4	0.0	0.0
-87.5°	6.8	3.4	3.4	3.4	3.4	3.4	3.4	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: P640003

CATALOG NUMBER: IFLD-L-SA7A-AMB-U-55-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°	0.0	0.0	0.0	0.0
30°	0.0	0.0	0.0	0.0
27.5°	0.0	0.0	0.0	0.0
25°	0.0	0.0	0.0	0.0
22.5°	0.0	0.0	0.0	0.0
20°	0.0	0.0	0.0	0.0
17.5°	0.0	0.0	0.0	0.0
15°	0.0	0.0	0.0	0.0
12.5°	0.0	0.0	0.0	0.0
10°	0.0	0.0	0.0	0.0
7.5°	0.0	0.0	0.0	0.0
5°	0.0	0.0	0.0	0.0
2.5°	0.0	0.0	0.0	0.0
0°	0.0	0.0	0.0	0.0
-2.5°	0.0	0.0	0.0	0.0
-5°	0.0	0.0	0.0	0.0
-7.5°	0.0	0.0	0.0	0.0
-10°	0.0	0.0	0.0	0.0
-12.5°	0.0	0.0	0.0	0.0
-15°	0.0	0.0	0.0	0.0
-17.5°	0.0	0.0	0.0	0.0
-20°	0.0	0.0	0.0	0.0



REPORT NUMBER: P640003

CATALOG NUMBER: IFLD-L-SA7A-AMB-U-55-VI

CANDELA DISTRIBUTION (continued):

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