

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: P640009

Luminaire Tested: **IFLD-L-SA7A-AMB-U-44-VI**

Issue Date: 02/09/2023

Test Information

Test Method: LM-79-2019
Report Number: P640009
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-44-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ 4 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 4V
Luminaire Lumens:	7175.3 lumens	Max Intensity:	28255.4 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	33.0 lumens/watt		
Luminous Opening:	Rectangular (W 2' x L: 1' x H: 0')		

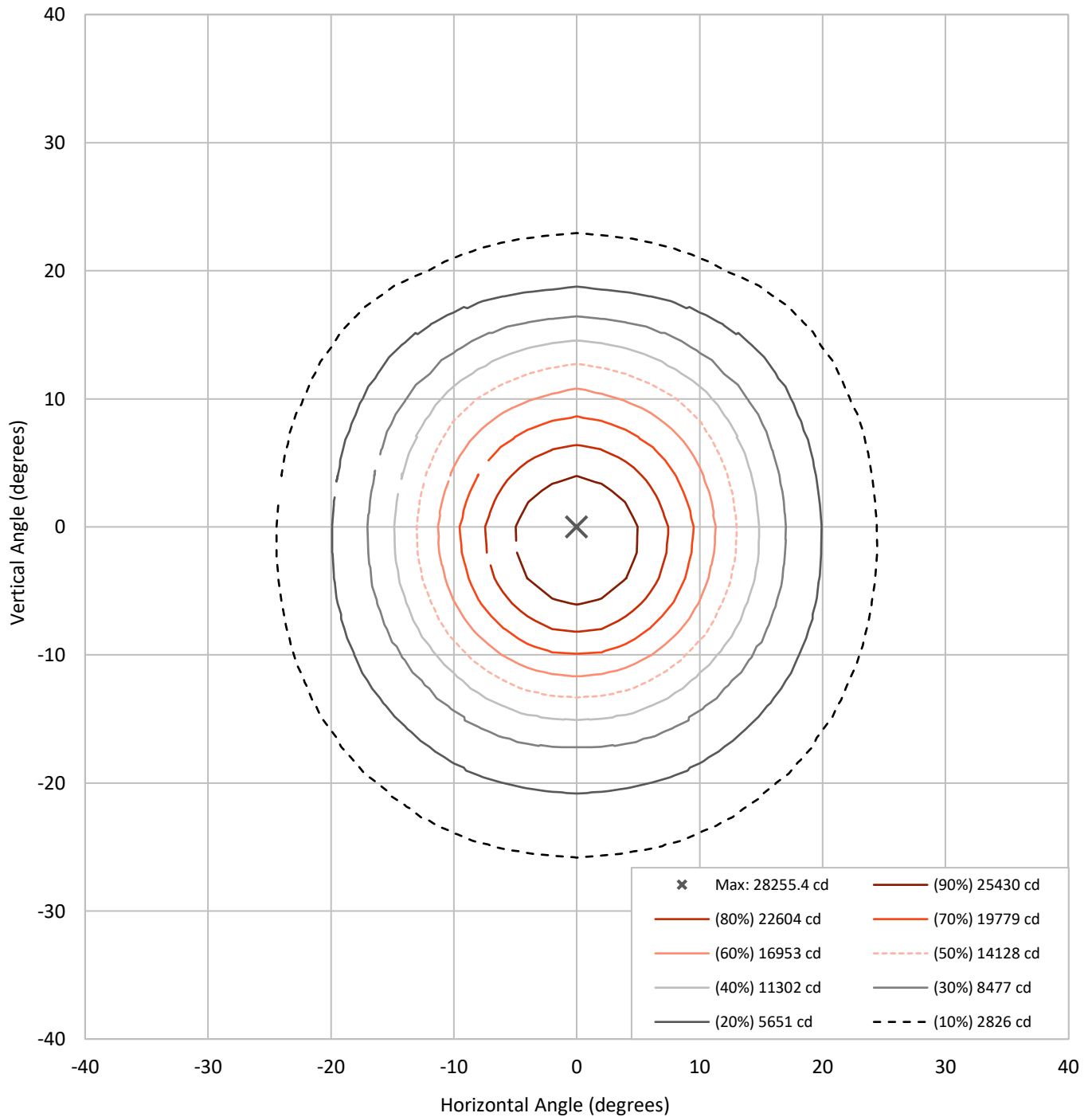
Beam Angle (50%):	26°H x 26.1°V	Field Angle (10%):	48.8°H x 48.7°V
Beam Lumens:	3303.1 lumens	Field Lumens:	6061.9 lumens
Beam Efficiency:	46.0%	Field Efficiency:	84.5%

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





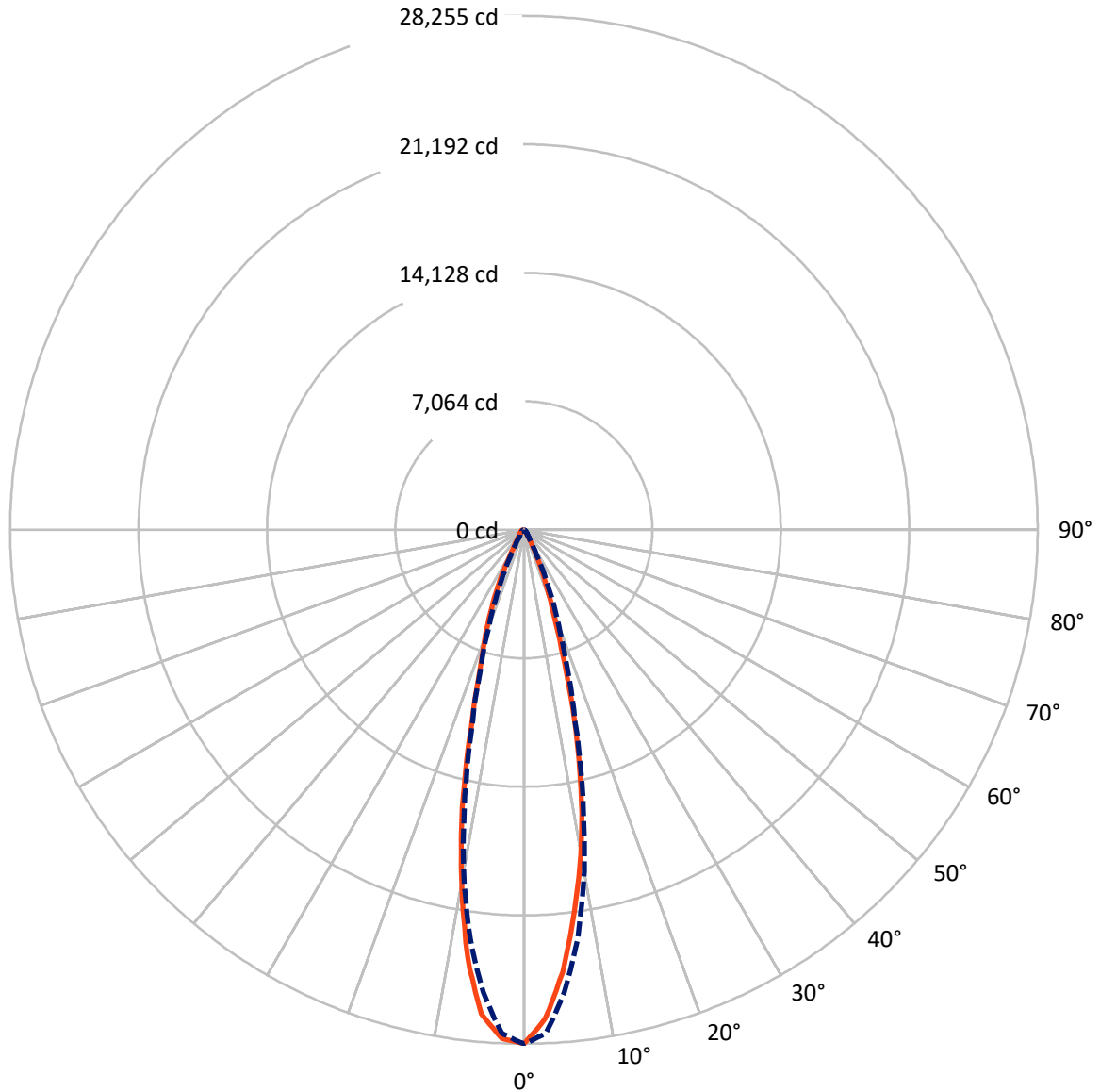
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Lumen Table

90	0.0	0.3	0.3	0.1	0.0	0.1	0.3	0.3	0.0								
80	0.0	0.3	0.3	0.1	0.0	0.1	0.3	0.3	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	0.5	0.8	1.1	1.3	1.3	1.1	0.8	0.5	0.3	0.1	0.0		
50	0.0	0.1	0.3	0.8	1.5	2.3	3.1	3.7	3.7	3.1	2.3	1.5	0.8	0.3	0.1	0.0	
40		0.1	0.7	1.6	2.9	4.7	7.8	10.4	10.4	7.8	4.7	2.9	1.6	0.7	0.1		
30	0.1	0.3	1.0	2.4	4.5	10.4	30.5	57.5	57.5	30.5	10.4	4.5	2.4	1.0	0.3	0.1	
20		0.4	1.4	3.3	7.7	34.2	142.5	287.1	287.1	142.5	34.2	7.7	3.3	1.4	0.4		
10	0.1	0.5	1.7	3.9	10.8	68.0	296.4	640.4	640.4	296.4	68.0	10.8	3.9	1.7	0.5	0.1	
0		0.6	1.8	4.1	11.4	71.7	306.0	682.0	682.0	306.0	71.7	11.4	4.1	1.8	0.6		
-10	0.2	0.6	1.9	4.0	9.4	42.0	163.3	322.7	322.7	163.3	42.0	9.4	4.0	1.9	0.6	0.2	
-20		0.6	1.8	3.7	7.0	16.7	50.6	93.4	93.4	50.6	16.7	7.0	3.7	1.8	0.6		
-30	0.2	0.5	1.6	3.2	5.4	8.8	14.7	19.9	19.9	14.7	8.8	5.4	3.2	1.6	0.5	0.2	
-40		0.4	1.3	2.7	4.3	6.2	8.2	9.3	9.3	8.2	6.2	4.3	2.7	1.3	0.4		
-50	0.1	0.4	1.0	2.1	3.4	4.8	5.9	6.5	6.5	5.9	4.8	3.4	2.1	1.0	0.4	0.1	
-60		0.3	0.7	1.5	2.5	3.5	4.3	4.8	4.8	4.3	3.5	2.5	1.5	0.7	0.3		
-70	0.1	0.4	1.0	2.1	3.4	4.8	5.9	6.5	6.5	5.9	4.8	3.4	2.1	1.0	0.4	0.1	
-80		0.3	0.7	1.5	2.5	3.5	4.3	4.8	4.8	4.3	3.5	2.5	1.5	0.7	0.3		
-90	0.1	1.0	3.0	5.7	7.0	5.7	3.0	1.0	0.1								

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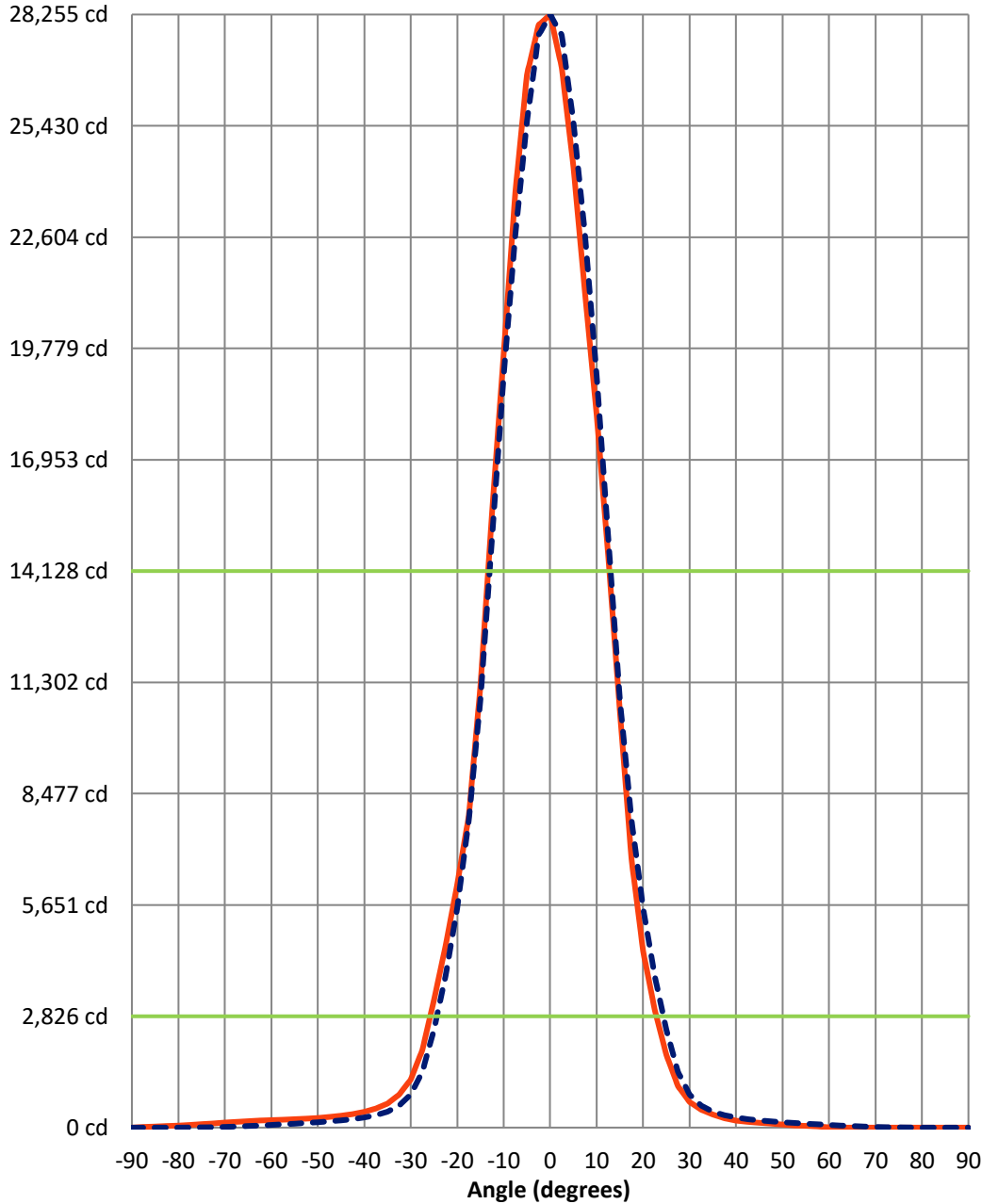
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
 H Angle: 26°
 V Angle: 26.1°
 Lumens: 3303.1
 Efficiency: 46.0%

Field:
 H Angle: 48.8°
 V Angle: 48.7°
 Lumens: 6061.9
 Efficiency: 84.5%

Spill:
 Lumens: 1113.4
 Efficiency: 15.5%

— 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°	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	3.4	3.4	3.4
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.4
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°	30.5	30.5	30.5	27.1	27.1	23.7	23.7	23.7	23.7	23.7	20.3
55°	44.1	44.1	44.1	40.7	40.7	37.3	37.3	37.3	33.9	33.9	30.5
52.5°	54.3	54.3	54.3	54.3	54.3	50.9	50.9	47.5	44.1	44.1	40.7
50°	78.0	78.0	78.0	78.0	74.6	71.2	67.8	64.4	57.6	57.6	54.3
47.5°	101.7	101.7	101.7	98.3	98.3	94.9	88.2	81.4	78.0	74.6	71.2
45°	122.1	122.1	122.1	118.7	118.7	111.9	105.1	98.3	91.6	88.2	84.8
42.5°	145.8	142.4	142.4	139.0	139.0	132.2	125.5	115.3	108.5	101.7	94.9
40°	176.3	176.3	172.9	172.9	169.5	162.8	152.6	142.4	132.2	118.7	111.9
37.5°	237.4	237.4	234.0	230.6	220.4	210.2	196.7	179.7	162.8	145.8	135.6
35°	332.3	332.3	322.1	312.0	295.0	278.0	254.3	230.6	203.4	183.1	162.8
32.5°	454.4	447.6	434.0	417.1	393.3	359.4	322.1	284.8	247.5	220.4	193.3
30°	651.0	640.9	617.1	583.2	539.1	478.1	420.5	359.4	305.2	264.5	227.2
27.5°	1054.5	1007.1	979.9	915.5	810.4	664.6	579.8	471.3	393.3	318.7	271.3
25°	1848.0	1756.4	1681.8	1536.0	1319.0	1061.3	868.0	657.8	532.4	413.7	328.9
22.5°	2990.7	2905.9	2756.7	2502.4	2143.0	1753.0	1359.7	1024.0	739.2	559.5	420.5
20°	4482.6	4282.6	4082.5	3763.8	3275.5	2736.4	2115.8	1593.7	1129.1	766.3	549.3
17.5°	6822.3	6547.6	6313.6	5676.2	4981.1	4231.7	3472.2	2458.3	1742.9	1176.6	718.8
15°	10572.5	10202.9	9490.8	8392.2	7056.2	5947.4	4903.1	3672.2	2495.6	1654.7	1044.4
12.5°	14502.4	13990.4	12979.9	11396.4	9562.0	7541.1	6103.4	4655.5	3299.2	2153.1	1329.2
10°	18096.6	17333.7	16306.3	14685.5	12366.2	9738.3	7419.0	5554.1	3957.0	2668.5	1681.8
7.5°	21185.6	20687.2	19371.5	17401.5	14912.7	11633.8	8741.4	6422.1	4608.1	3177.2	2017.5
5°	24396.7	23749.0	22202.8	19788.6	16804.7	13397.0	9829.9	7134.2	5069.2	3533.2	2254.9
2.5°	26895.7	26193.8	24315.3	21460.3	18245.8	14505.8	10511.4	7558.1	5394.7	3723.1	2407.5
0°	28255.4	27719.7	25529.2	22653.8	19090.1	14973.7	10874.2	7815.8	5574.4	3851.9	2485.4
-2.5°	27980.7	27506.0	25495.3	22413.1	18774.8	14827.9	10823.4	7683.5	5547.3	3882.4	2482.1
-5°	26716.0	26115.8	24108.5	21185.6	17560.9	13797.1	10189.3	7395.3	5381.2	3712.9	2376.9
-7.5°	23728.7	23304.9	21311.1	18778.2	15655.2	12108.5	9033.0	6774.8	4991.2	3434.9	2176.9
-10°	19649.6	19429.2	17944.0	15685.8	12813.8	10165.6	7785.2	6025.4	4458.9	3031.4	1881.9
-12.5°	15621.3	15238.2	14112.4	12210.2	10148.6	8066.7	6571.3	5211.6	3838.4	2546.5	1532.6
-15°	11220.1	11060.7	10402.9	9209.4	7842.9	6584.9	5432.0	4299.5	3068.7	2037.9	1291.9
-17.5°	7927.7	7924.3	7615.7	7012.1	6174.6	5282.8	4347.0	3316.2	2363.4	1566.5	996.9
-20°	6171.2	6042.4	5822.0	5404.9	4804.7	4058.8	3204.3	2438.0	1698.8	1139.3	813.8



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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°	4614.9	4553.8	4343.6	3980.8	3495.9	2878.8	2258.3	1685.2	1183.4	874.8	651.0
-25°	3238.2	3122.9	2943.2	2671.9	2299.0	1868.3	1519.1	1129.1	885.0	678.2	539.1
-27.5°	1973.4	1915.8	1831.0	1685.2	1478.4	1220.7	1034.2	834.1	684.9	549.3	457.8
-30°	1220.7	1213.9	1163.0	1095.2	993.5	864.6	752.8	644.2	545.9	464.5	393.3
-32.5°	837.5	827.4	800.2	766.3	712.1	647.6	579.8	515.4	451.0	393.3	342.5
-35°	610.3	617.1	600.2	579.8	549.3	512.0	471.3	427.2	383.2	342.5	308.6
-37.5°	484.9	481.5	474.7	464.5	447.6	423.8	396.7	366.2	335.7	305.2	281.4
-40°	400.1	400.1	396.7	389.9	379.8	362.8	342.5	322.1	301.8	278.0	257.7
-42.5°	342.5	342.5	339.1	335.7	328.9	318.7	305.2	291.6	274.7	254.3	237.4
-45°	301.8	301.8	298.4	295.0	291.6	284.8	274.7	264.5	250.9	234.0	220.4
-47.5°	271.3	271.3	267.9	267.9	264.5	257.7	250.9	244.1	234.0	220.4	206.8
-50°	244.1	247.5	247.5	244.1	240.7	237.4	234.0	223.8	217.0	206.8	193.3
-52.5°	227.2	227.2	227.2	227.2	223.8	223.8	217.0	206.8	200.1	189.9	183.1
-55°	213.6	213.6	213.6	210.2	210.2	206.8	200.1	193.3	186.5	179.7	172.9
-57.5°	200.1	200.1	200.1	200.1	196.7	196.7	189.9	183.1	176.3	169.5	162.8
-60°	189.9	189.9	189.9	186.5	186.5	183.1	176.3	169.5	162.8	156.0	149.2
-62.5°	179.7	176.3	176.3	172.9	172.9	169.5	162.8	156.0	149.2	142.4	139.0
-65°	162.8	162.8	162.8	159.4	156.0	152.6	149.2	142.4	135.6	132.2	125.5
-67.5°	145.8	145.8	145.8	142.4	139.0	135.6	132.2	128.8	125.5	118.7	115.3
-70°	128.8	128.8	128.8	125.5	122.1	118.7	115.3	111.9	108.5	105.1	101.7
-72.5°	105.1	105.1	105.1	101.7	101.7	98.3	98.3	94.9	91.6	88.2	84.8
-75°	88.2	88.2	88.2	84.8	84.8	81.4	81.4	78.0	74.6	71.2	71.2
-77.5°	67.8	67.8	67.8	67.8	64.4	64.4	61.0	61.0	61.0	57.6	57.6
-80°	50.9	54.3	54.3	54.3	50.9	50.9	50.9	47.5	47.5	44.1	44.1
-82.5°	40.7	40.7	40.7	40.7	40.7	40.7	40.7	37.3	37.3	33.9	33.9
-85°	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	23.7	23.7
-87.5°	17.0	17.0	17.0	17.0	13.6	13.6	13.6	13.6	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	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4
85°	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4
82.5°	3.4	3.4	3.4	3.4	3.4	3.4	6.8	6.8	6.8	6.8	6.8
80°	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	6.8	6.8	6.8
77.5°	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	6.8	6.8
75°	0.0	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	6.8	6.8
72.5°	0.0	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	6.8
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°	6.8	6.8	3.4	6.8	6.8	3.4	3.4	3.4	3.4	3.4	3.4
57.5°	17.0	17.0	13.6	13.6	10.2	10.2	6.8	3.4	3.4	3.4	3.4
55°	27.1	23.7	23.7	20.3	17.0	17.0	13.6	10.2	6.8	6.8	3.4
52.5°	37.3	33.9	30.5	27.1	27.1	23.7	20.3	17.0	13.6	10.2	6.8
50°	50.9	47.5	44.1	40.7	33.9	30.5	27.1	23.7	20.3	17.0	10.2
47.5°	67.8	61.0	57.6	50.9	47.5	40.7	33.9	30.5	27.1	20.3	17.0
45°	78.0	71.2	67.8	61.0	57.6	50.9	44.1	37.3	33.9	27.1	20.3
42.5°	91.6	84.8	78.0	71.2	67.8	61.0	54.3	47.5	40.7	33.9	27.1
40°	105.1	98.3	91.6	84.8	78.0	67.8	61.0	54.3	47.5	40.7	33.9
37.5°	128.8	118.7	108.5	98.3	88.2	81.4	71.2	64.4	57.6	47.5	40.7
35°	149.2	142.4	125.5	115.3	105.1	91.6	81.4	71.2	64.4	57.6	47.5
32.5°	172.9	159.4	142.4	128.8	118.7	105.1	91.6	81.4	71.2	64.4	54.3
30°	196.7	176.3	159.4	142.4	128.8	115.3	105.1	91.6	81.4	67.8	57.6
27.5°	230.6	200.1	176.3	159.4	142.4	125.5	111.9	101.7	88.2	74.6	64.4
25°	271.3	227.2	196.7	176.3	156.0	135.6	122.1	111.9	98.3	81.4	71.2
22.5°	322.1	267.9	227.2	196.7	169.5	149.2	132.2	118.7	105.1	91.6	74.6
20°	410.3	325.5	264.5	220.4	189.9	166.1	145.8	132.2	115.3	98.3	81.4
17.5°	522.2	403.5	315.3	250.9	210.2	183.1	159.4	142.4	122.1	105.1	88.2
15°	681.5	484.9	362.8	281.4	234.0	200.1	172.9	152.6	132.2	111.9	94.9
12.5°	817.2	559.5	413.7	318.7	261.1	217.0	186.5	159.4	135.6	118.7	98.3
10°	1027.4	657.8	464.5	349.3	278.0	230.6	193.3	166.1	142.4	122.1	105.1
7.5°	1200.3	735.8	501.8	369.6	291.6	237.4	200.1	172.9	149.2	128.8	108.5
5°	1312.2	793.4	529.0	386.5	301.8	247.5	206.8	176.3	152.6	132.2	111.9
2.5°	1376.7	837.5	552.7	400.1	312.0	254.3	210.2	183.1	156.0	135.6	115.3
0°	1417.3	840.9	559.5	403.5	315.3	257.7	213.6	183.1	159.4	135.6	118.7
-2.5°	1417.3	857.9	566.3	410.3	318.7	261.1	217.0	183.1	159.4	139.0	118.7
-5°	1380.0	834.1	556.1	406.9	318.7	257.7	213.6	183.1	159.4	139.0	118.7
-7.5°	1288.5	793.4	542.5	400.1	315.3	257.7	217.0	186.5	162.8	142.4	122.1
-10°	1142.7	732.4	515.4	389.9	308.6	254.3	217.0	186.5	162.8	142.4	122.1
-12.5°	952.8	651.0	478.1	369.6	298.4	250.9	213.6	183.1	162.8	139.0	122.1
-15°	837.5	583.2	437.4	345.9	284.8	244.1	206.8	179.7	159.4	139.0	122.1
-17.5°	695.1	518.8	403.5	328.9	278.0	237.4	203.4	179.7	156.0	135.6	122.1
-20°	596.8	461.1	369.6	308.6	264.5	230.6	200.1	176.3	156.0	135.6	122.1



REPORT NUMBER: P640009
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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°	505.2	410.3	342.5	291.6	250.9	220.4	193.3	172.9	152.6	135.6	118.7
-25°	444.2	366.2	312.0	271.3	240.7	213.6	189.9	169.5	149.2	132.2	115.3
-27.5°	383.2	325.5	288.2	257.7	227.2	203.4	183.1	162.8	145.8	128.8	115.3
-30°	335.7	298.4	267.9	240.7	217.0	196.7	176.3	156.0	139.0	125.5	111.9
-32.5°	305.2	274.7	247.5	227.2	210.2	186.5	169.5	152.6	135.6	122.1	108.5
-35°	278.0	254.3	234.0	213.6	196.7	179.7	162.8	145.8	132.2	118.7	105.1
-37.5°	257.7	237.4	217.0	203.4	186.5	169.5	156.0	142.4	128.8	111.9	98.3
-40°	237.4	220.4	206.8	193.3	176.3	162.8	149.2	135.6	122.1	108.5	94.9
-42.5°	220.4	206.8	196.7	183.1	169.5	156.0	142.4	128.8	115.3	105.1	91.6
-45°	206.8	196.7	183.1	172.9	159.4	149.2	135.6	122.1	111.9	98.3	88.2
-47.5°	196.7	183.1	172.9	162.8	152.6	139.0	128.8	115.3	105.1	94.9	81.4
-50°	183.1	172.9	166.1	156.0	142.4	132.2	122.1	108.5	98.3	88.2	78.0
-52.5°	172.9	166.1	156.0	145.8	135.6	125.5	115.3	105.1	91.6	81.4	71.2
-55°	166.1	159.4	149.2	139.0	125.5	115.3	105.1	94.9	84.8	74.6	67.8
-57.5°	156.0	149.2	139.0	128.8	118.7	108.5	98.3	88.2	81.4	67.8	61.0
-60°	142.4	135.6	128.8	118.7	108.5	101.7	91.6	81.4	74.6	64.4	57.6
-62.5°	132.2	125.5	118.7	111.9	101.7	94.9	84.8	78.0	67.8	61.0	50.9
-65°	122.1	115.3	108.5	98.3	91.6	84.8	78.0	67.8	61.0	54.3	47.5
-67.5°	108.5	101.7	94.9	88.2	81.4	74.6	67.8	61.0	54.3	47.5	44.1
-70°	94.9	88.2	84.8	78.0	71.2	64.4	61.0	54.3	47.5	44.1	40.7
-72.5°	78.0	74.6	71.2	64.4	61.0	54.3	50.9	44.1	40.7	37.3	37.3
-75°	67.8	64.4	57.6	54.3	50.9	47.5	40.7	40.7	37.3	33.9	30.5
-77.5°	54.3	47.5	44.1	40.7	40.7	37.3	33.9	30.5	30.5	27.1	23.7
-80°	40.7	40.7	37.3	33.9	33.9	30.5	27.1	27.1	23.7	23.7	20.3
-82.5°	33.9	30.5	30.5	27.1	27.1	23.7	23.7	20.3	20.3	17.0	17.0
-85°	23.7	20.3	20.3	20.3	17.0	17.0	17.0	13.6	13.6	13.6	10.2
-87.5°	10.2	10.2	10.2	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



REPORT NUMBER: P640009
 CATALOG NUMBER: IFLD-L-SA7A-AMB-U-44-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	6.8	3.4	3.4	3.4	3.4	3.4	0.0	0.0	0.0	0.0
80°	6.8	6.8	6.8	6.8	6.8	3.4	3.4	0.0	0.0	0.0	0.0
77.5°	6.8	6.8	6.8	6.8	6.8	6.8	3.4	3.4	0.0	0.0	0.0
75°	6.8	6.8	6.8	6.8	6.8	6.8	3.4	3.4	3.4	0.0	0.0
72.5°	6.8	6.8	6.8	6.8	6.8	6.8	3.4	3.4	3.4	0.0	0.0
70°	3.4	3.4	3.4	3.4	6.8	6.8	3.4	3.4	3.4	0.0	0.0
67.5°	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	0.0
65°	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	0.0
62.5°	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	0.0
60°	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	0.0
57.5°	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	0.0
55°	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	0.0
52.5°	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	0.0	0.0
50°	6.8	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	0.0	0.0
47.5°	10.2	6.8	3.4	3.4	3.4	3.4	3.4	3.4	3.4	0.0	0.0
45°	17.0	10.2	6.8	6.8	3.4	3.4	3.4	3.4	3.4	0.0	0.0
42.5°	20.3	13.6	10.2	6.8	3.4	3.4	3.4	3.4	3.4	0.0	0.0
40°	27.1	20.3	10.2	10.2	6.8	3.4	3.4	3.4	3.4	0.0	0.0
37.5°	33.9	23.7	17.0	10.2	10.2	3.4	3.4	3.4	3.4	0.0	0.0
35°	37.3	30.5	20.3	13.6	10.2	6.8	3.4	3.4	3.4	0.0	0.0
32.5°	44.1	33.9	27.1	17.0	13.6	6.8	3.4	3.4	3.4	0.0	0.0
30°	47.5	37.3	30.5	20.3	13.6	10.2	3.4	3.4	3.4	0.0	0.0
27.5°	54.3	40.7	33.9	23.7	17.0	10.2	6.8	3.4	3.4	0.0	0.0
25°	57.6	47.5	37.3	27.1	17.0	13.6	6.8	3.4	3.4	3.4	0.0
22.5°	61.0	50.9	40.7	30.5	20.3	13.6	6.8	3.4	3.4	3.4	0.0
20°	67.8	54.3	44.1	33.9	23.7	17.0	10.2	6.8	3.4	3.4	0.0
17.5°	74.6	61.0	47.5	37.3	27.1	17.0	10.2	6.8	3.4	3.4	0.0
15°	78.0	64.4	50.9	40.7	27.1	20.3	10.2	6.8	3.4	3.4	0.0
12.5°	84.8	67.8	54.3	40.7	30.5	20.3	13.6	6.8	3.4	3.4	0.0
10°	88.2	71.2	57.6	44.1	33.9	23.7	13.6	6.8	3.4	3.4	0.0
7.5°	91.6	74.6	61.0	47.5	33.9	23.7	13.6	6.8	6.8	3.4	0.0
5°	94.9	78.0	64.4	47.5	37.3	27.1	17.0	10.2	6.8	3.4	0.0
2.5°	98.3	81.4	64.4	50.9	40.7	27.1	17.0	10.2	6.8	3.4	0.0
0°	98.3	84.8	67.8	50.9	40.7	27.1	17.0	10.2	6.8	3.4	0.0
-2.5°	101.7	88.2	71.2	54.3	40.7	27.1	17.0	10.2	6.8	3.4	0.0
-5°	101.7	88.2	71.2	54.3	40.7	30.5	20.3	13.6	6.8	3.4	0.0
-7.5°	105.1	88.2	71.2	57.6	40.7	30.5	20.3	13.6	6.8	3.4	0.0
-10°	105.1	88.2	74.6	57.6	40.7	30.5	20.3	13.6	6.8	3.4	0.0
-12.5°	105.1	91.6	74.6	57.6	44.1	30.5	20.3	13.6	10.2	3.4	0.0
-15°	105.1	88.2	74.6	57.6	44.1	30.5	23.7	13.6	10.2	3.4	3.4
-17.5°	105.1	88.2	74.6	57.6	44.1	33.9	23.7	13.6	10.2	6.8	3.4
-20°	105.1	88.2	74.6	57.6	44.1	33.9	23.7	13.6	10.2	6.8	3.4



REPORT NUMBER: P640009
 CATALOG NUMBER: IFLD-L-SA7A-AMB-U-44-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	101.7	88.2	74.6	57.6	44.1	30.5	23.7	13.6	10.2	6.8	3.4
-25°	101.7	88.2	71.2	54.3	40.7	30.5	23.7	13.6	10.2	6.8	3.4
-27.5°	98.3	84.8	71.2	54.3	40.7	30.5	23.7	13.6	10.2	6.8	3.4
-30°	94.9	81.4	67.8	54.3	40.7	30.5	20.3	13.6	10.2	6.8	3.4
-32.5°	94.9	81.4	64.4	50.9	40.7	30.5	20.3	13.6	10.2	6.8	3.4
-35°	91.6	78.0	61.0	47.5	37.3	27.1	20.3	13.6	10.2	6.8	3.4
-37.5°	88.2	74.6	61.0	47.5	37.3	27.1	20.3	13.6	10.2	6.8	3.4
-40°	81.4	71.2	57.6	47.5	37.3	27.1	20.3	13.6	10.2	6.8	3.4
-42.5°	78.0	64.4	54.3	44.1	33.9	23.7	17.0	13.6	10.2	6.8	3.4
-45°	74.6	61.0	50.9	40.7	33.9	23.7	17.0	13.6	6.8	6.8	3.4
-47.5°	71.2	61.0	50.9	40.7	30.5	23.7	17.0	13.6	6.8	6.8	3.4
-50°	64.4	57.6	47.5	37.3	30.5	23.7	17.0	13.6	6.8	6.8	3.4
-52.5°	61.0	54.3	44.1	33.9	27.1	20.3	17.0	10.2	6.8	6.8	3.4
-55°	57.6	50.9	40.7	33.9	27.1	20.3	17.0	10.2	6.8	6.8	3.4
-57.5°	54.3	44.1	37.3	30.5	23.7	20.3	13.6	10.2	10.2	6.8	3.4
-60°	47.5	40.7	33.9	27.1	23.7	20.3	13.6	10.2	10.2	6.8	3.4
-62.5°	44.1	37.3	33.9	27.1	23.7	17.0	13.6	10.2	6.8	6.8	3.4
-65°	40.7	37.3	30.5	27.1	20.3	17.0	13.6	10.2	6.8	3.4	3.4
-67.5°	37.3	33.9	27.1	23.7	20.3	17.0	13.6	10.2	6.8	3.4	3.4
-70°	33.9	30.5	27.1	23.7	20.3	17.0	13.6	10.2	6.8	3.4	3.4
-72.5°	33.9	27.1	23.7	20.3	20.3	13.6	10.2	6.8	6.8	3.4	3.4
-75°	27.1	23.7	20.3	20.3	17.0	13.6	10.2	6.8	3.4	3.4	0.0
-77.5°	23.7	20.3	17.0	17.0	13.6	10.2	10.2	6.8	3.4	3.4	0.0
-80°	20.3	17.0	13.6	13.6	13.6	10.2	6.8	6.8	3.4	3.4	0.0
-82.5°	13.6	13.6	13.6	10.2	10.2	10.2	6.8	3.4	3.4	0.0	0.0
-85°	10.2	10.2	10.2	10.2	10.2	6.8	3.4	3.4	3.4	0.0	0.0
-87.5°	6.8	6.8	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: P640009
 CATALOG NUMBER: IFLD-L-SA7A-AMB-U-44-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: P640009
CATALOG NUMBER: IFLD-L-SA7A-AMB-U-44-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)