

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: P640008

Luminaire Tested: **IFLD-M-SA4A-AMB-U-44-VI**

Issue Date: 02/09/2023

Test Information

Test Method: LM-79-2019
Report Number: P640008
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-44-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ 4 distribution lens and VISOR
Light Source: (64) 1620K CCT, 0 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	4233.4 lumens	Max Intensity:	16670.7 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	32.9 lumens/watt		
Luminous Opening:	Rectangular (W 2' x L: 0.5' x H: 0')		

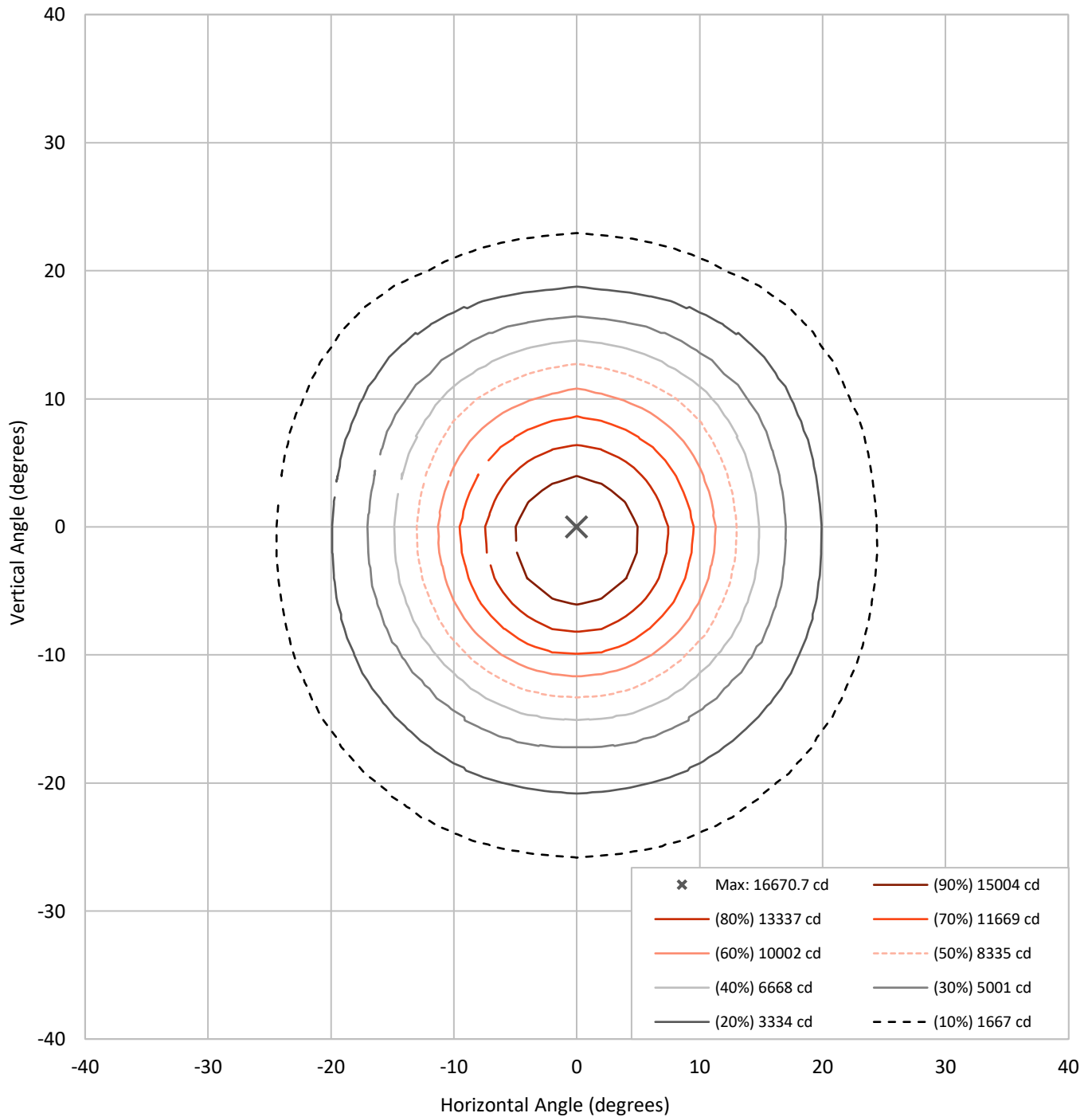
Beam Angle (50%):	26°H x 26.1°V	Field Angle (10%):	48.8°H x 48.7°V
Beam Lumens:	1948.8 lumens	Field Lumens:	3576.5 lumens
Beam Efficiency:	46.0%	Field Efficiency:	84.5%

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





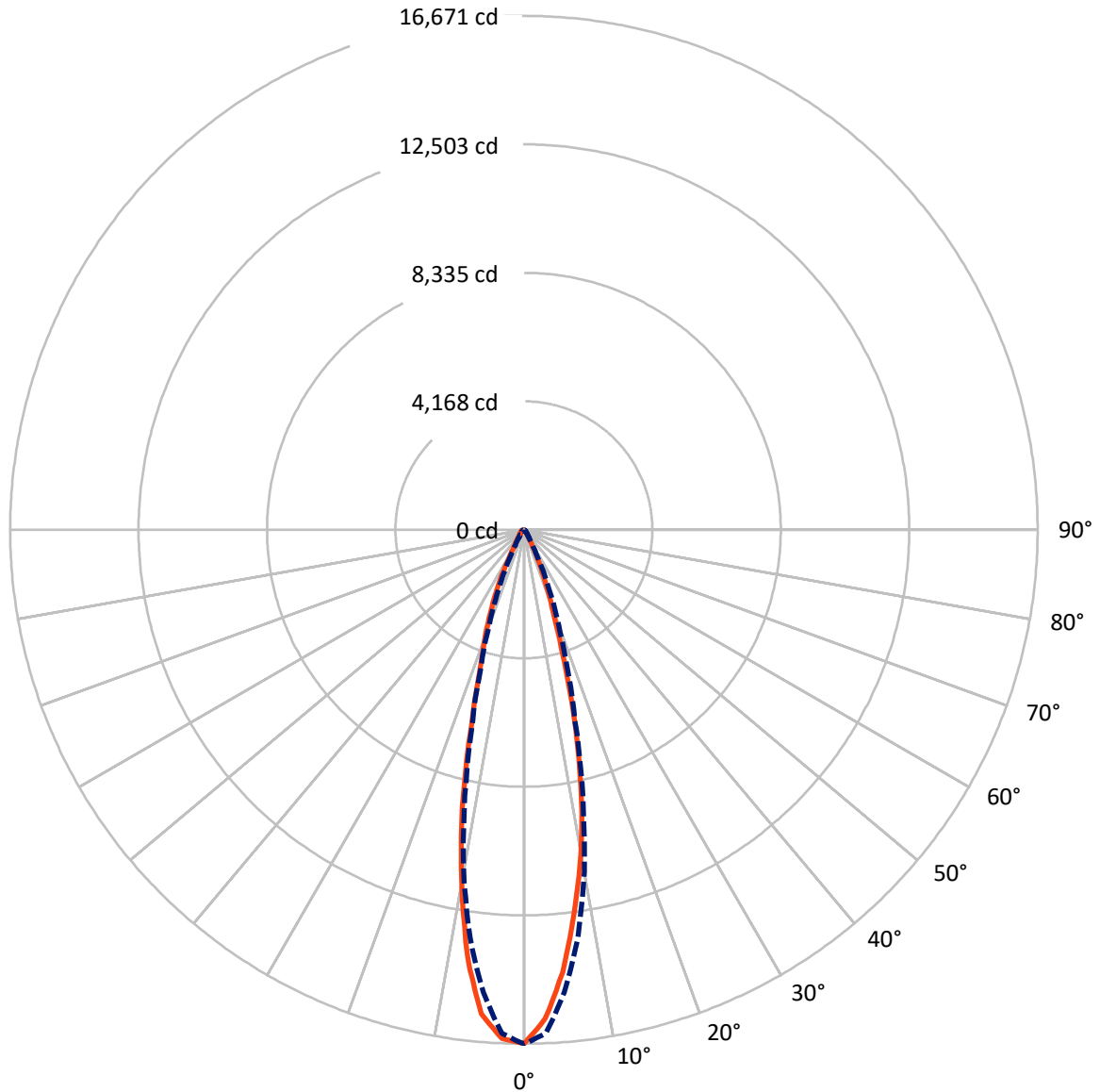
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Lumen Table

90	0.0	0.2	0.2	0.1	0.0	0.1	0.2	0.2	0.0										
80	0.0	0.2	0.2	0.1	0.0	0.1	0.2	0.2	0.0										
70	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
60		0.0	0.0	0.1	0.3	0.5	0.6	0.8	0.8	0.6	0.5	0.3	0.1	0.0					0.0
50	0.0	0.0	0.2	0.5	0.9	1.4	1.9	2.2	2.2	1.9	1.4	0.9	0.5	0.2	0.0	0.0	0.0	0.0	
40		0.1	0.4	0.9	1.7	2.8	4.6	6.1	6.1	4.6	2.8	1.7	0.9	0.4					0.1
30	0.0	0.2	0.6	1.4	2.7	6.1	18.0	33.9	33.9	18.0	6.1	2.7	1.4	0.6	0.0	0.0	0.0	0.0	
20		0.2	0.8	1.9	4.5	20.2	84.1	169.4	169.4	84.1	20.2	4.5	1.9	0.8					0.2
10	0.1	0.3	1.0	2.3	6.4	40.1	174.9	377.9	377.9	174.9	40.1	6.4	2.3	1.0	0.1	0.1	0.1	0.1	
0		0.3	1.1	2.4	6.7	42.3	180.5	402.4	402.4	180.5	42.3	6.7	2.4	1.1					0.3
-10	0.1	0.4	1.1	2.4	5.5	24.8	96.3	190.4	190.4	96.3	24.8	5.5	2.4	1.1	0.1	0.1	0.1	0.1	
-20		0.3	1.1	2.2	4.1	9.9	29.8	55.1	55.1	29.8	9.9	4.1	2.2	1.1					0.3
-30	0.1	0.3	0.9	1.9	3.2	5.2	8.7	11.7	11.7	8.7	5.2	3.2	1.9	0.9	0.1	0.1	0.1	0.1	
-40		0.3	0.8	1.6	2.5	3.6	4.8	5.5	5.5	4.8	3.6	2.5	1.6	0.8					0.3
-50	0.1	0.2	0.6	1.2	2.0	2.8	3.5	3.8	3.8	3.5	2.8	2.0	1.2	0.6	0.1	0.1	0.1	0.1	
-60		0.2	0.4	0.9	1.5	2.0	2.5	2.9	2.9	2.5	2.0	1.5	0.9	0.4					0.2
-70	0.0	0.6	1.8	3.4	4.1	3.4	1.8	0.6	0.0						0.0	0.0	0.0	0.0	
-80		0.6	1.8	3.4	4.1	3.4	1.8	0.6	0.0										
-90	0.0	0.6	1.8	3.4	4.1	3.4	1.8	0.6	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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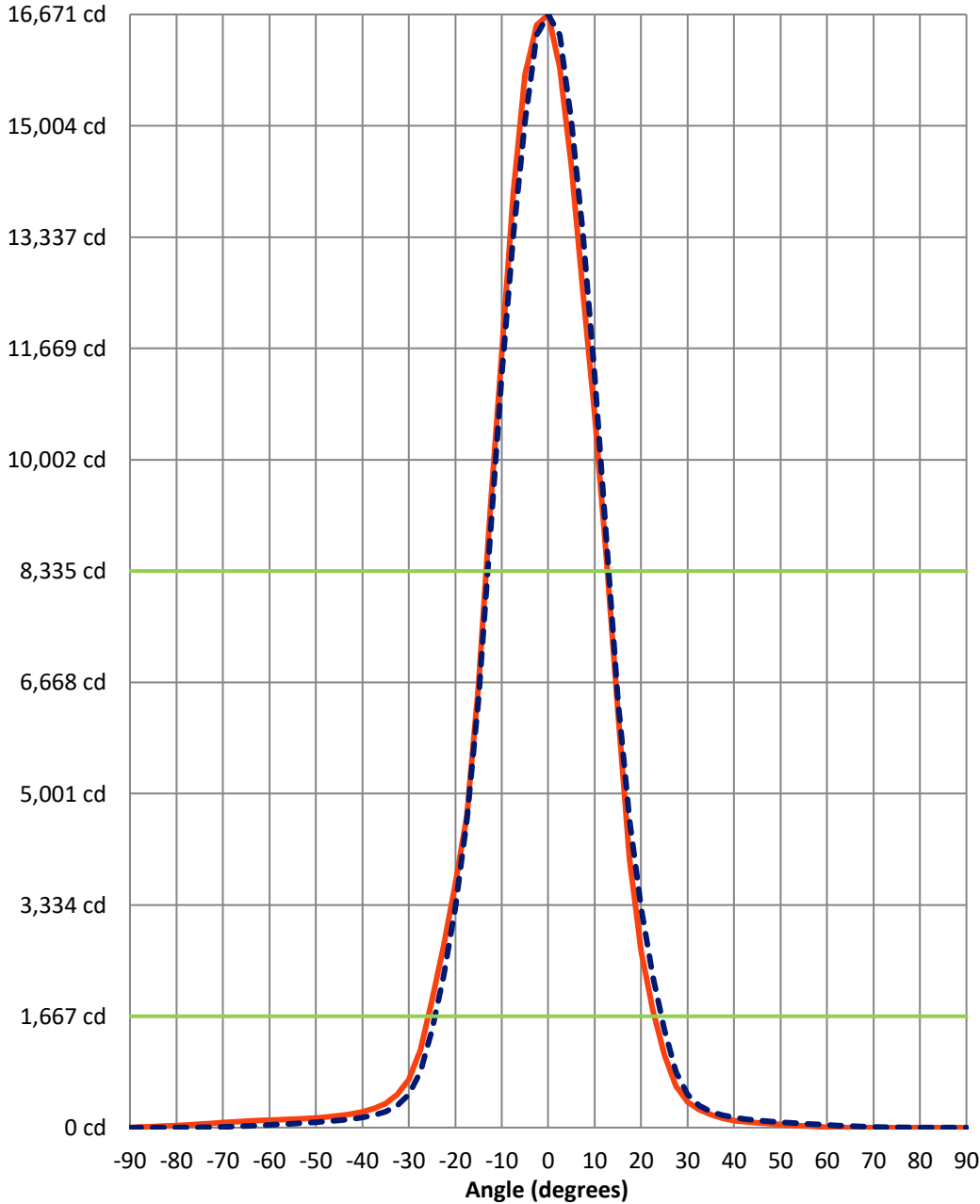
Luminous Intensity Polar Plot



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

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Luminous Intensity Plot



Beam:
 H Angle: 26°
 V Angle: 26.1°
 Lumens: 1948.8
 Efficiency: 46.0%

Field:
 H Angle: 48.8°
 V Angle: 48.7°
 Lumens: 3576.5
 Efficiency: 84.5%

Spill:
 Lumens: 656.8
 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	2.0	2.0
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	2.0	2.0
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	2.0	2.0
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0
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	2.0	2.0	2.0	2.0	2.0	2.0	2.0
60°	4.0	4.0	4.0	4.0	4.0	4.0	6.0	6.0	6.0	4.0	6.0
57.5°	18.0	18.0	18.0	16.0	16.0	14.0	14.0	14.0	14.0	14.0	12.0
55°	26.0	26.0	26.0	24.0	24.0	22.0	22.0	22.0	20.0	20.0	18.0
52.5°	32.0	32.0	32.0	32.0	32.0	30.0	30.0	28.0	26.0	26.0	24.0
50°	46.0	46.0	46.0	46.0	44.0	42.0	40.0	38.0	34.0	34.0	32.0
47.5°	60.0	60.0	60.0	58.0	58.0	56.0	52.0	48.0	46.0	44.0	42.0
45°	72.0	72.0	72.0	70.0	70.0	66.0	62.0	58.0	54.0	52.0	50.0
42.5°	86.0	84.0	84.0	82.0	82.0	78.0	74.0	68.0	64.0	60.0	56.0
40°	104.0	104.0	102.0	102.0	100.0	96.0	90.0	84.0	78.0	70.0	66.0
37.5°	140.0	140.0	138.0	136.0	130.0	124.0	116.0	106.0	96.0	86.0	80.0
35°	196.1	196.1	190.1	184.1	174.0	164.0	150.0	136.0	120.0	108.0	96.0
32.5°	268.1	264.1	256.1	246.1	232.1	212.1	190.1	168.0	146.0	130.0	114.0
30°	384.1	378.1	364.1	344.1	318.1	282.1	248.1	212.1	180.1	156.0	134.0
27.5°	622.2	594.2	578.2	540.2	478.1	392.1	342.1	278.1	232.1	188.1	160.0
25°	1090.3	1036.3	992.3	906.3	778.2	626.2	512.1	388.1	314.1	244.1	194.1
22.5°	1764.5	1714.5	1626.5	1476.4	1264.4	1034.3	802.2	604.2	436.1	330.1	248.1
20°	2644.8	2526.7	2408.7	2220.6	1932.5	1614.5	1248.4	940.3	666.2	452.1	324.1
17.5°	4025.1	3863.1	3725.1	3349.0	2938.8	2496.7	2048.6	1450.4	1028.3	694.2	424.1
15°	6237.8	6019.7	5599.6	4951.4	4163.2	3509.0	2892.8	2166.6	1472.4	976.3	616.2
12.5°	8556.4	8254.3	7658.2	6723.9	5641.6	4449.3	3601.0	2746.8	1946.6	1270.4	784.2
10°	10677.0	10226.9	9620.7	8664.5	7296.1	5745.6	4377.2	3276.9	2334.7	1574.4	992.3
7.5°	12499.6	12205.5	11429.2	10266.9	8798.5	6864.0	5157.5	3789.1	2718.8	1874.5	1190.3
5°	14394.1	14012.0	13099.7	11675.3	9914.8	7904.2	5799.6	4209.2	2990.8	2084.6	1330.4
2.5°	15868.5	15454.4	14346.1	12661.6	10765.1	8558.4	6201.8	4459.3	3182.9	2196.6	1420.4
0°	16670.7	16354.6	15062.3	13365.8	11263.2	8834.5	6415.8	4611.3	3288.9	2272.6	1466.4
-2.5°	16508.7	16228.6	15042.3	13223.8	11077.1	8748.5	6385.8	4533.3	3272.9	2290.7	1464.4
-5°	15762.5	15408.4	14224.0	12499.6	10360.9	8140.3	6011.7	4363.2	3174.9	2190.6	1402.4
-7.5°	14000.0	13749.9	12573.6	11079.1	9236.6	7144.0	5329.5	3997.1	2944.8	2026.6	1284.4
-10°	11593.3	11463.3	10587.0	9254.6	7560.1	5997.7	4593.3	3555.0	2630.7	1788.5	1110.3
-12.5°	9216.6	8990.6	8326.4	7204.0	5987.7	4759.4	3877.1	3074.9	2264.6	1502.4	904.3
-15°	6619.9	6525.9	6137.7	5433.5	4627.3	3885.1	3204.9	2536.7	1810.5	1202.3	762.2
-17.5°	4677.3	4675.3	4493.3	4137.2	3643.0	3116.9	2564.7	1956.6	1394.4	924.3	588.2
-20°	3641.0	3565.0	3435.0	3188.9	2834.8	2394.7	1890.5	1438.4	1002.3	672.2	480.1



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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°	2722.8	2686.8	2562.7	2348.7	2062.6	1698.5	1332.4	994.3	698.2	516.1	384.1
-25°	1910.5	1842.5	1736.5	1576.4	1356.4	1102.3	896.3	666.2	522.1	400.1	318.1
-27.5°	1164.3	1130.3	1080.3	994.3	872.2	720.2	610.2	492.1	404.1	324.1	270.1
-30°	720.2	716.2	686.2	646.2	586.2	510.1	444.1	380.1	322.1	274.1	232.1
-32.5°	494.1	488.1	472.1	452.1	420.1	382.1	342.1	304.1	266.1	232.1	202.1
-35°	360.1	364.1	354.1	342.1	324.1	302.1	278.1	252.1	226.1	202.1	182.1
-37.5°	286.1	284.1	280.1	274.1	264.1	250.1	234.1	216.1	198.1	180.1	166.0
-40°	236.1	236.1	234.1	230.1	224.1	214.1	202.1	190.1	178.1	164.0	152.0
-42.5°	202.1	202.1	200.1	198.1	194.1	188.1	180.1	172.0	162.0	150.0	140.0
-45°	178.1	178.1	176.1	174.0	172.0	168.0	162.0	156.0	148.0	138.0	130.0
-47.5°	160.0	160.0	158.0	158.0	156.0	152.0	148.0	144.0	138.0	130.0	122.0
-50°	144.0	146.0	146.0	144.0	142.0	140.0	138.0	132.0	128.0	122.0	114.0
-52.5°	134.0	134.0	134.0	134.0	132.0	132.0	128.0	122.0	118.0	112.0	108.0
-55°	126.0	126.0	126.0	124.0	124.0	122.0	118.0	114.0	110.0	106.0	102.0
-57.5°	118.0	118.0	118.0	118.0	116.0	116.0	112.0	108.0	104.0	100.0	96.0
-60°	112.0	112.0	112.0	110.0	110.0	108.0	104.0	100.0	96.0	92.0	88.0
-62.5°	106.0	104.0	104.0	102.0	102.0	100.0	96.0	92.0	88.0	84.0	82.0
-65°	96.0	96.0	96.0	94.0	92.0	90.0	88.0	84.0	80.0	78.0	74.0
-67.5°	86.0	86.0	86.0	84.0	82.0	80.0	78.0	76.0	74.0	70.0	68.0
-70°	76.0	76.0	76.0	74.0	72.0	70.0	68.0	66.0	64.0	62.0	60.0
-72.5°	62.0	62.0	62.0	60.0	60.0	58.0	58.0	56.0	54.0	52.0	50.0
-75°	52.0	52.0	52.0	50.0	50.0	48.0	48.0	46.0	44.0	42.0	42.0
-77.5°	40.0	40.0	40.0	40.0	38.0	38.0	36.0	36.0	36.0	34.0	34.0
-80°	30.0	32.0	32.0	32.0	30.0	30.0	30.0	28.0	28.0	26.0	26.0
-82.5°	24.0	24.0	24.0	24.0	24.0	24.0	24.0	22.0	22.0	20.0	20.0
-85°	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	14.0	14.0
-87.5°	10.0	10.0	10.0	10.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0
-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°	0.0	0.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
85°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
82.5°	2.0	2.0	2.0	2.0	2.0	2.0	4.0	4.0	4.0	4.0	4.0
80°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	4.0	4.0	4.0
77.5°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	4.0	4.0
75°	0.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	4.0	4.0
72.5°	0.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	4.0
70°	0.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
67.5°	0.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
65°	0.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
62.5°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
60°	4.0	4.0	2.0	4.0	4.0	2.0	2.0	2.0	2.0	2.0	2.0
57.5°	10.0	10.0	8.0	8.0	6.0	6.0	4.0	2.0	2.0	2.0	2.0
55°	16.0	14.0	14.0	12.0	10.0	10.0	8.0	6.0	4.0	4.0	2.0
52.5°	22.0	20.0	18.0	16.0	16.0	14.0	12.0	10.0	8.0	6.0	4.0
50°	30.0	28.0	26.0	24.0	20.0	18.0	16.0	14.0	12.0	10.0	6.0
47.5°	40.0	36.0	34.0	30.0	28.0	24.0	20.0	18.0	16.0	12.0	10.0
45°	46.0	42.0	40.0	36.0	34.0	30.0	26.0	22.0	20.0	16.0	12.0
42.5°	54.0	50.0	46.0	42.0	40.0	36.0	32.0	28.0	24.0	20.0	16.0
40°	62.0	58.0	54.0	50.0	46.0	40.0	36.0	32.0	28.0	24.0	20.0
37.5°	76.0	70.0	64.0	58.0	52.0	48.0	42.0	38.0	34.0	28.0	24.0
35°	88.0	84.0	74.0	68.0	62.0	54.0	48.0	42.0	38.0	34.0	28.0
32.5°	102.0	94.0	84.0	76.0	70.0	62.0	54.0	48.0	42.0	38.0	32.0
30°	116.0	104.0	94.0	84.0	76.0	68.0	62.0	54.0	48.0	40.0	34.0
27.5°	136.0	118.0	104.0	94.0	84.0	74.0	66.0	60.0	52.0	44.0	38.0
25°	160.0	134.0	116.0	104.0	92.0	80.0	72.0	66.0	58.0	48.0	42.0
22.5°	190.1	158.0	134.0	116.0	100.0	88.0	78.0	70.0	62.0	54.0	44.0
20°	242.1	192.1	156.0	130.0	112.0	98.0	86.0	78.0	68.0	58.0	48.0
17.5°	308.1	238.1	186.1	148.0	124.0	108.0	94.0	84.0	72.0	62.0	52.0
15°	402.1	286.1	214.1	166.0	138.0	118.0	102.0	90.0	78.0	66.0	56.0
12.5°	482.1	330.1	244.1	188.1	154.0	128.0	110.0	94.0	80.0	70.0	58.0
10°	606.2	388.1	274.1	206.1	164.0	136.0	114.0	98.0	84.0	72.0	62.0
7.5°	708.2	434.1	296.1	218.1	172.0	140.0	118.0	102.0	88.0	76.0	64.0
5°	774.2	468.1	312.1	228.1	178.1	146.0	122.0	104.0	90.0	78.0	66.0
2.5°	812.2	494.1	326.1	236.1	184.1	150.0	124.0	108.0	92.0	80.0	68.0
0°	836.2	496.1	330.1	238.1	186.1	152.0	126.0	108.0	94.0	80.0	70.0
-2.5°	836.2	506.1	334.1	242.1	188.1	154.0	128.0	108.0	94.0	82.0	70.0
-5°	814.2	492.1	328.1	240.1	188.1	152.0	126.0	108.0	94.0	82.0	70.0
-7.5°	760.2	468.1	320.1	236.1	186.1	152.0	128.0	110.0	96.0	84.0	72.0
-10°	674.2	432.1	304.1	230.1	182.1	150.0	128.0	110.0	96.0	84.0	72.0
-12.5°	562.2	384.1	282.1	218.1	176.1	148.0	126.0	108.0	96.0	82.0	72.0
-15°	494.1	344.1	258.1	204.1	168.0	144.0	122.0	106.0	94.0	82.0	72.0
-17.5°	410.1	306.1	238.1	194.1	164.0	140.0	120.0	106.0	92.0	80.0	72.0
-20°	352.1	272.1	218.1	182.1	156.0	136.0	118.0	104.0	92.0	80.0	72.0



REPORT NUMBER: P640008
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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°	298.1	242.1	202.1	172.0	148.0	130.0	114.0	102.0	90.0	80.0	70.0
-25°	262.1	216.1	184.1	160.0	142.0	126.0	112.0	100.0	88.0	78.0	68.0
-27.5°	226.1	192.1	170.0	152.0	134.0	120.0	108.0	96.0	86.0	76.0	68.0
-30°	198.1	176.1	158.0	142.0	128.0	116.0	104.0	92.0	82.0	74.0	66.0
-32.5°	180.1	162.0	146.0	134.0	124.0	110.0	100.0	90.0	80.0	72.0	64.0
-35°	164.0	150.0	138.0	126.0	116.0	106.0	96.0	86.0	78.0	70.0	62.0
-37.5°	152.0	140.0	128.0	120.0	110.0	100.0	92.0	84.0	76.0	66.0	58.0
-40°	140.0	130.0	122.0	114.0	104.0	96.0	88.0	80.0	72.0	64.0	56.0
-42.5°	130.0	122.0	116.0	108.0	100.0	92.0	84.0	76.0	68.0	62.0	54.0
-45°	122.0	116.0	108.0	102.0	94.0	88.0	80.0	72.0	66.0	58.0	52.0
-47.5°	116.0	108.0	102.0	96.0	90.0	82.0	76.0	68.0	62.0	56.0	48.0
-50°	108.0	102.0	98.0	92.0	84.0	78.0	72.0	64.0	58.0	52.0	46.0
-52.5°	102.0	98.0	92.0	86.0	80.0	74.0	68.0	62.0	54.0	48.0	42.0
-55°	98.0	94.0	88.0	82.0	74.0	68.0	62.0	56.0	50.0	44.0	40.0
-57.5°	92.0	88.0	82.0	76.0	70.0	64.0	58.0	52.0	48.0	40.0	36.0
-60°	84.0	80.0	76.0	70.0	64.0	60.0	54.0	48.0	44.0	38.0	34.0
-62.5°	78.0	74.0	70.0	66.0	60.0	56.0	50.0	46.0	40.0	36.0	30.0
-65°	72.0	68.0	64.0	58.0	54.0	50.0	46.0	40.0	36.0	32.0	28.0
-67.5°	64.0	60.0	56.0	52.0	48.0	44.0	40.0	36.0	32.0	28.0	26.0
-70°	56.0	52.0	50.0	46.0	42.0	38.0	36.0	32.0	28.0	26.0	24.0
-72.5°	46.0	44.0	42.0	38.0	36.0	32.0	30.0	26.0	24.0	22.0	22.0
-75°	40.0	38.0	34.0	32.0	30.0	28.0	24.0	24.0	22.0	20.0	18.0
-77.5°	32.0	28.0	26.0	24.0	24.0	22.0	20.0	18.0	18.0	16.0	14.0
-80°	24.0	24.0	22.0	20.0	20.0	18.0	16.0	16.0	14.0	14.0	12.0
-82.5°	20.0	18.0	18.0	16.0	16.0	14.0	14.0	12.0	12.0	10.0	10.0
-85°	14.0	12.0	12.0	12.0	10.0	10.0	10.0	8.0	8.0	8.0	6.0
-87.5°	6.0	6.0	6.0	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



REPORT NUMBER: P640008
 CATALOG NUMBER: IFLD-M-SA4A-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°	2.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	2.0	2.0	2.0	2.0	2.0	2.0	0.0	0.0	0.0	0.0	0.0
82.5°	4.0	4.0	2.0	2.0	2.0	2.0	2.0	0.0	0.0	0.0	0.0
80°	4.0	4.0	4.0	4.0	4.0	2.0	2.0	0.0	0.0	0.0	0.0
77.5°	4.0	4.0	4.0	4.0	4.0	4.0	2.0	2.0	0.0	0.0	0.0
75°	4.0	4.0	4.0	4.0	4.0	4.0	2.0	2.0	2.0	0.0	0.0
72.5°	4.0	4.0	4.0	4.0	4.0	4.0	2.0	2.0	2.0	0.0	0.0
70°	2.0	2.0	2.0	2.0	4.0	4.0	2.0	2.0	2.0	0.0	0.0
67.5°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	0.0
65°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	0.0
62.5°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	0.0
60°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	0.0
57.5°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	0.0
55°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	0.0
52.5°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	0.0	0.0
50°	4.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	0.0	0.0
47.5°	6.0	4.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	0.0	0.0
45°	10.0	6.0	4.0	4.0	2.0	2.0	2.0	2.0	2.0	0.0	0.0
42.5°	12.0	8.0	6.0	4.0	2.0	2.0	2.0	2.0	2.0	0.0	0.0
40°	16.0	12.0	6.0	6.0	4.0	2.0	2.0	2.0	2.0	0.0	0.0
37.5°	20.0	14.0	10.0	6.0	6.0	2.0	2.0	2.0	2.0	0.0	0.0
35°	22.0	18.0	12.0	8.0	6.0	4.0	2.0	2.0	2.0	0.0	0.0
32.5°	26.0	20.0	16.0	10.0	8.0	4.0	2.0	2.0	2.0	0.0	0.0
30°	28.0	22.0	18.0	12.0	8.0	6.0	2.0	2.0	2.0	0.0	0.0
27.5°	32.0	24.0	20.0	14.0	10.0	6.0	4.0	2.0	2.0	0.0	0.0
25°	34.0	28.0	22.0	16.0	10.0	8.0	4.0	2.0	2.0	2.0	0.0
22.5°	36.0	30.0	24.0	18.0	12.0	8.0	4.0	2.0	2.0	2.0	0.0
20°	40.0	32.0	26.0	20.0	14.0	10.0	6.0	4.0	2.0	2.0	0.0
17.5°	44.0	36.0	28.0	22.0	16.0	10.0	6.0	4.0	2.0	2.0	0.0
15°	46.0	38.0	30.0	24.0	16.0	12.0	6.0	4.0	2.0	2.0	0.0
12.5°	50.0	40.0	32.0	24.0	18.0	12.0	8.0	4.0	2.0	2.0	0.0
10°	52.0	42.0	34.0	26.0	20.0	14.0	8.0	4.0	2.0	2.0	0.0
7.5°	54.0	44.0	36.0	28.0	20.0	14.0	8.0	4.0	4.0	2.0	0.0
5°	56.0	46.0	38.0	28.0	22.0	16.0	10.0	6.0	4.0	2.0	0.0
2.5°	58.0	48.0	38.0	30.0	24.0	16.0	10.0	6.0	4.0	2.0	0.0
0°	58.0	50.0	40.0	30.0	24.0	16.0	10.0	6.0	4.0	2.0	0.0
-2.5°	60.0	52.0	42.0	32.0	24.0	16.0	10.0	6.0	4.0	2.0	0.0
-5°	60.0	52.0	42.0	32.0	24.0	18.0	12.0	8.0	4.0	2.0	0.0
-7.5°	62.0	52.0	42.0	34.0	24.0	18.0	12.0	8.0	4.0	2.0	0.0
-10°	62.0	52.0	44.0	34.0	24.0	18.0	12.0	8.0	4.0	2.0	0.0
-12.5°	62.0	54.0	44.0	34.0	26.0	18.0	12.0	8.0	6.0	2.0	0.0
-15°	62.0	52.0	44.0	34.0	26.0	18.0	14.0	8.0	6.0	2.0	2.0
-17.5°	62.0	52.0	44.0	34.0	26.0	20.0	14.0	8.0	6.0	4.0	2.0
-20°	62.0	52.0	44.0	34.0	26.0	20.0	14.0	8.0	6.0	4.0	2.0



REPORT NUMBER: P640008
 CATALOG NUMBER: IFLD-M-SA4A-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°	60.0	52.0	44.0	34.0	26.0	18.0	14.0	8.0	6.0	4.0	2.0
-25°	60.0	52.0	42.0	32.0	24.0	18.0	14.0	8.0	6.0	4.0	2.0
-27.5°	58.0	50.0	42.0	32.0	24.0	18.0	14.0	8.0	6.0	4.0	2.0
-30°	56.0	48.0	40.0	32.0	24.0	18.0	12.0	8.0	6.0	4.0	2.0
-32.5°	56.0	48.0	38.0	30.0	24.0	18.0	12.0	8.0	6.0	4.0	2.0
-35°	54.0	46.0	36.0	28.0	22.0	16.0	12.0	8.0	6.0	4.0	2.0
-37.5°	52.0	44.0	36.0	28.0	22.0	16.0	12.0	8.0	6.0	4.0	2.0
-40°	48.0	42.0	34.0	28.0	22.0	16.0	12.0	8.0	6.0	4.0	2.0
-42.5°	46.0	38.0	32.0	26.0	20.0	14.0	10.0	8.0	6.0	4.0	2.0
-45°	44.0	36.0	30.0	24.0	20.0	14.0	10.0	8.0	4.0	4.0	2.0
-47.5°	42.0	36.0	30.0	24.0	18.0	14.0	10.0	8.0	4.0	4.0	2.0
-50°	38.0	34.0	28.0	22.0	18.0	14.0	10.0	8.0	4.0	4.0	2.0
-52.5°	36.0	32.0	26.0	20.0	16.0	12.0	10.0	6.0	4.0	4.0	2.0
-55°	34.0	30.0	24.0	20.0	16.0	12.0	10.0	6.0	4.0	4.0	2.0
-57.5°	32.0	26.0	22.0	18.0	14.0	12.0	8.0	6.0	6.0	4.0	2.0
-60°	28.0	24.0	20.0	16.0	14.0	12.0	8.0	6.0	6.0	4.0	2.0
-62.5°	26.0	22.0	20.0	16.0	14.0	10.0	8.0	6.0	4.0	4.0	2.0
-65°	24.0	22.0	18.0	16.0	12.0	10.0	8.0	6.0	4.0	2.0	2.0
-67.5°	22.0	20.0	16.0	14.0	12.0	10.0	8.0	6.0	4.0	2.0	2.0
-70°	20.0	18.0	16.0	14.0	12.0	10.0	8.0	6.0	4.0	2.0	2.0
-72.5°	20.0	16.0	14.0	12.0	12.0	8.0	6.0	4.0	4.0	2.0	2.0
-75°	16.0	14.0	12.0	12.0	10.0	8.0	6.0	4.0	2.0	2.0	0.0
-77.5°	14.0	12.0	10.0	10.0	8.0	6.0	6.0	4.0	2.0	2.0	0.0
-80°	12.0	10.0	8.0	8.0	8.0	6.0	4.0	4.0	2.0	2.0	0.0
-82.5°	8.0	8.0	8.0	6.0	6.0	6.0	4.0	2.0	2.0	0.0	0.0
-85°	6.0	6.0	6.0	6.0	6.0	4.0	2.0	2.0	2.0	0.0	0.0
-87.5°	4.0	4.0	2.0	2.0	2.0	2.0	2.0	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: P640008
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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: P640008
CATALOG NUMBER: IFLD-M-SA4A-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)