

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: P640006

Luminaire Tested: **IFLD-S-SA3A-AMB-U-44-VI**

Issue Date: 02/09/2023

Test Information

Test Method: LM-79-2019
Report Number: P640006
Test Lab: INNOVATION CENTER(G2)
Issue Date: 02/09/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA3A-AMB-U-44-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ 4 distribution lens and VISOR
Light Source: (48) 1620K CCT, 0 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

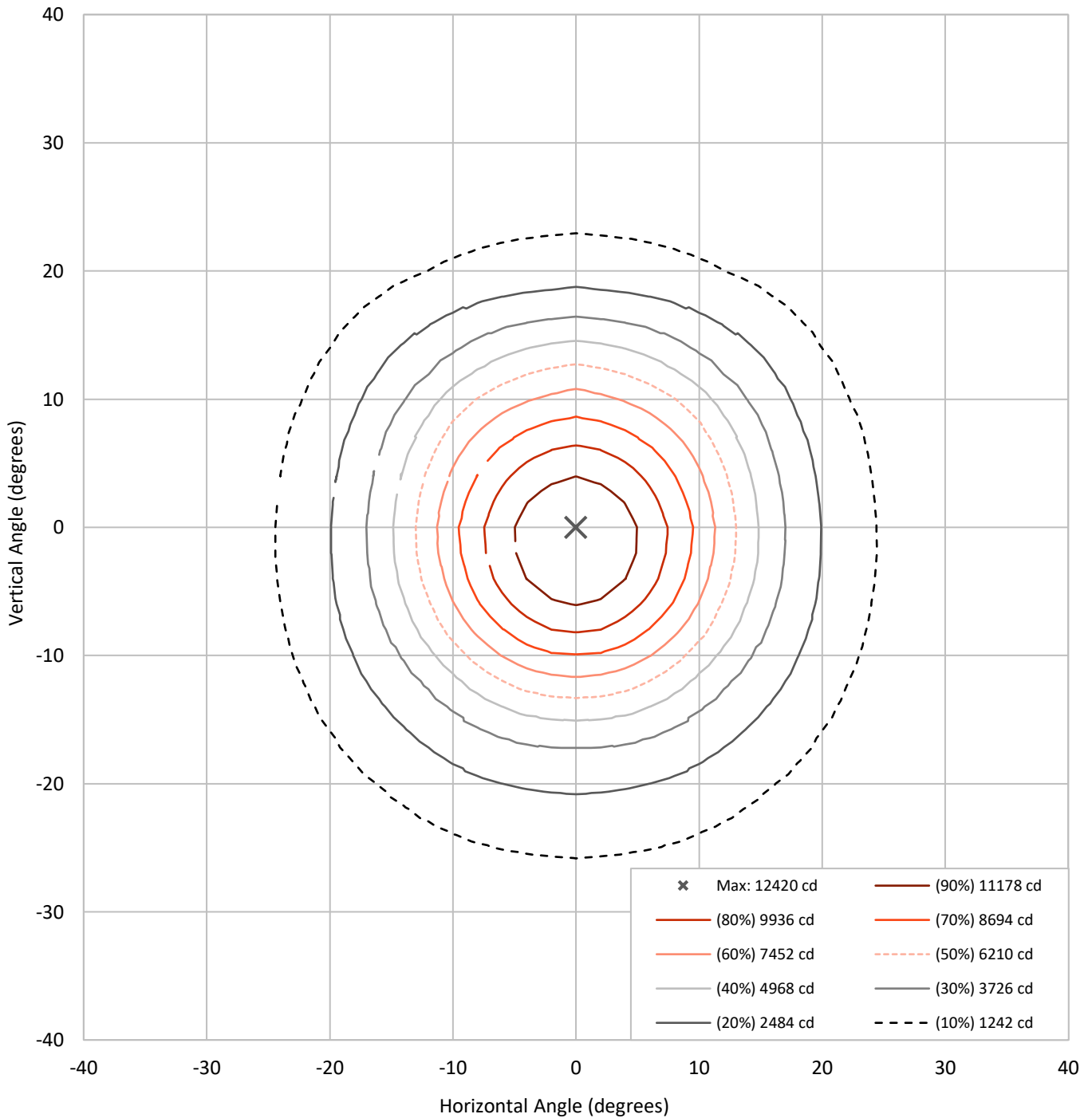
Lumens per Lamp:	N/A	NEMA Type:	4H x 4V
Luminaire Lumens:	3154 lumens	Max Intensity:	12420 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	33.3 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 0.5' x H: 0')		
Beam Angle (50%):	26°H x 26.1°V	Field Angle (10%):	48.8°H x 48.7°V
Beam Lumens:	1451.9 lumens	Field Lumens:	2664.6 lumens
Beam Efficiency:	46.0%	Field Efficiency:	84.5%

Input Watts (W): 94.8
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



REPORT NUMBER: P640006
CATALOG NUMBER: IFLD-S-SA3A-AMB-U-44-VI

Iso-Candela Plot





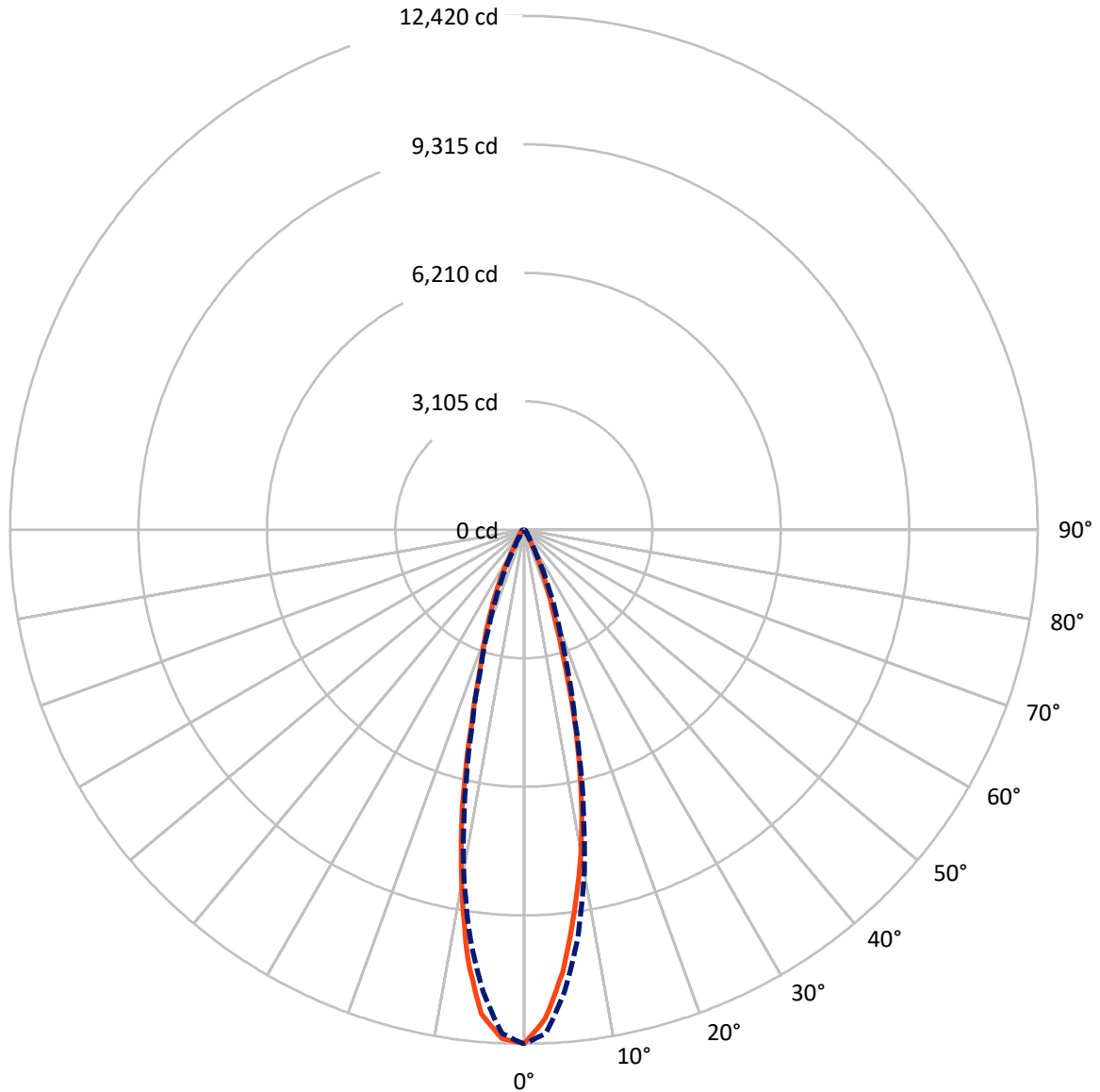
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 CATALOG NUMBER: IFLD-S-SA3A-AMB-U-44-VI

Lumen Table

90	0.0	0.1	0.1	0.0	0.0	0.0	0.1	0.1	0.0										
80	0.0	0.1	0.1	0.0	0.0	0.0	0.1	0.1	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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
60		0.0	0.0	0.1	0.2	0.4	0.5	0.6	0.6	0.5	0.4	0.2	0.1	0.0	0.0				
50	0.0	0.0	0.1	0.4	0.7	1.0	1.4	1.6	1.6	1.4	1.0	0.7	0.4	0.1	0.0			0.0	
40		0.1	0.3	0.7	1.3	2.0	3.4	4.6	4.6	3.4	2.0	1.3	0.7	0.3	0.1				
30	0.0	0.1	0.5	1.1	2.0	4.6	13.4	25.3	25.3	13.4	4.6	2.0	1.1	0.5	0.1			0.0	
20		0.2	0.6	1.4	3.4	15.0	62.6	126.2	126.2	62.6	15.0	3.4	1.4	0.6	0.2				
10	0.1	0.2	0.7	1.7	4.8	29.9	130.3	281.5	281.5	130.3	29.9	4.8	1.7	0.7	0.2			0.1	
0		0.2	0.8	1.8	5.0	31.5	134.5	299.8	299.8	134.5	31.5	5.0	1.8	0.8	0.2				
-10	0.1	0.3	0.8	1.8	4.1	18.5	71.8	141.8	141.8	71.8	18.5	4.1	1.8	0.8	0.3			0.1	
-20		0.3	0.8	1.6	3.1	7.3	22.2	41.0	41.0	22.2	7.3	3.1	1.6	0.8	0.3				
-30	0.1	0.2	0.7	1.4	2.4	3.9	6.5	8.8	8.8	6.5	3.9	2.4	1.4	0.7	0.2			0.1	
-40		0.2	0.6	1.2	1.9	2.7	3.6	4.1	4.1	3.6	2.7	1.9	1.2	0.6	0.2				
-50	0.1	0.2	0.4	0.9	1.5	2.1	2.6	2.9	2.9	2.6	2.1	1.5	0.9	0.4	0.2			0.1	
-60		0.1	0.3	0.7	1.1	1.5	1.9	2.1	2.1	1.9	1.5	1.1	0.7	0.3	0.1				
-70	0.0	0.4	1.3	2.5	3.1	2.5	1.3	0.4	0.0									0.0	
-80		0.4	1.3	2.5	3.1	2.5	1.3	0.4	0.0										
-90	0.0	0.4	1.3	2.5	3.1	2.5	1.3	0.4	0.0									0.0	
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90

REPORT NUMBER: P640006
CATALOG NUMBER: IFLD-S-SA3A-AMB-U-44-VI

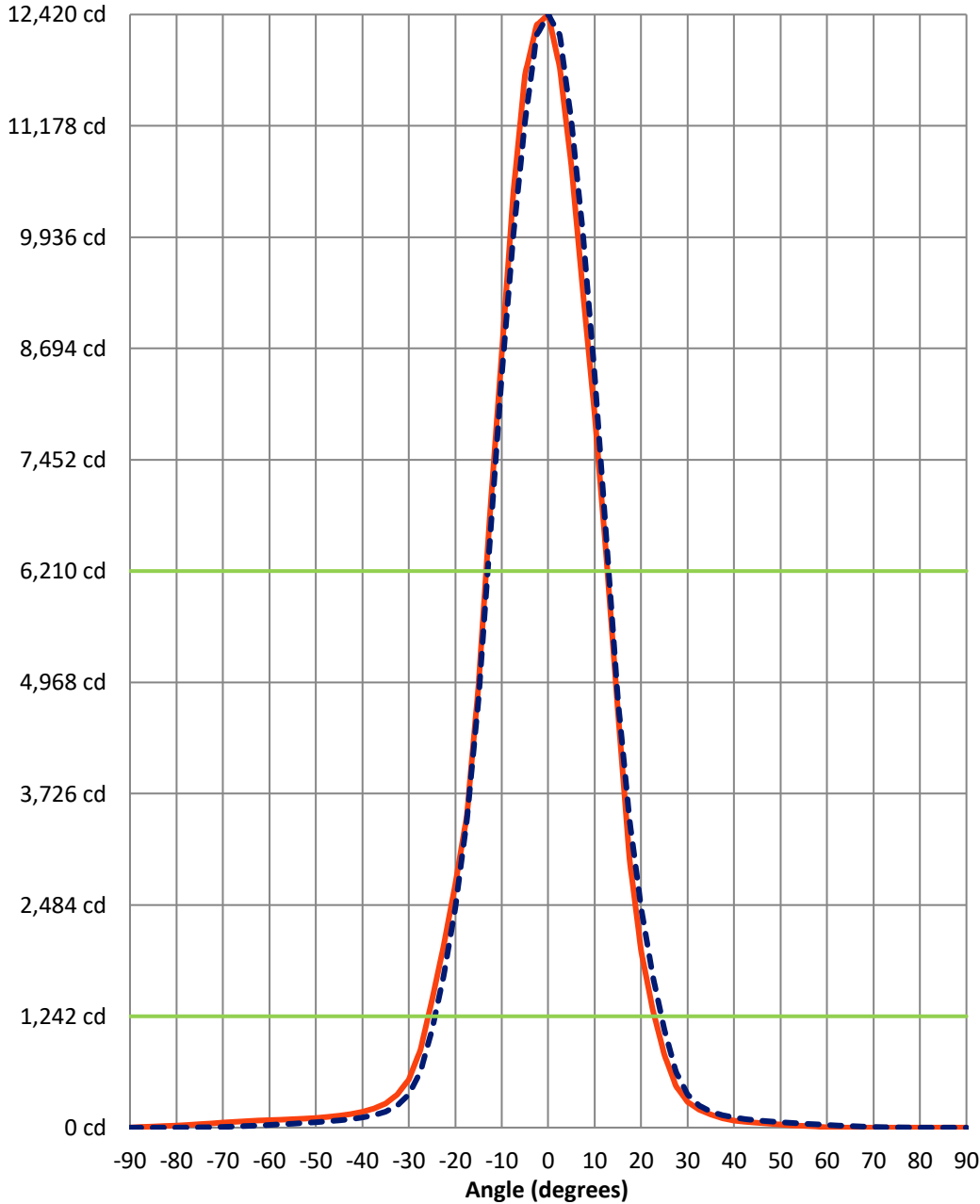
Luminous Intensity Polar Plot



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

REPORT NUMBER: P640006
CATALOG NUMBER: IFLD-S-SA3A-AMB-U-44-VI

Luminous Intensity Plot



Beam:
H Angle: 26°
V Angle: 26.1°
Lumens: 1451.9
Efficiency: 46.0%

Field:
H Angle: 48.8°
V Angle: 48.7°
Lumens: 2664.6
Efficiency: 84.5%

Spill:
Lumens: 489.4
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	1.5	1.5
82.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	1.5	1.5
80°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	1.5	1.5
77.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5
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	1.5	1.5	1.5	1.5	1.5	1.5	1.5
60°	3.0	3.0	3.0	3.0	3.0	3.0	4.5	4.5	4.5	3.0	4.5
57.5°	13.4	13.4	13.4	11.9	11.9	10.4	10.4	10.4	10.4	10.4	8.9
55°	19.4	19.4	19.4	17.9	17.9	16.4	16.4	16.4	14.9	14.9	13.4
52.5°	23.8	23.8	23.8	23.8	23.8	22.4	22.4	20.9	19.4	19.4	17.9
50°	34.3	34.3	34.3	34.3	32.8	31.3	29.8	28.3	25.3	25.3	23.8
47.5°	44.7	44.7	44.7	43.2	43.2	41.7	38.8	35.8	34.3	32.8	31.3
45°	53.7	53.7	53.7	52.2	52.2	49.2	46.2	43.2	40.2	38.8	37.3
42.5°	64.1	62.6	62.6	61.1	61.1	58.1	55.1	50.7	47.7	44.7	41.7
40°	77.5	77.5	76.0	76.0	74.5	71.5	67.1	62.6	58.1	52.2	49.2
37.5°	104.3	104.3	102.8	101.4	96.9	92.4	86.4	79.0	71.5	64.1	59.6
35°	146.1	146.1	141.6	137.1	129.7	122.2	111.8	101.4	89.4	80.5	71.5
32.5°	199.7	196.7	190.8	183.3	172.9	158.0	141.6	125.2	108.8	96.9	85.0
30°	286.2	281.7	271.3	256.4	237.0	210.2	184.8	158.0	134.1	116.3	99.9
27.5°	463.5	442.7	430.7	402.4	356.2	292.1	254.9	207.2	172.9	140.1	119.2
25°	812.3	772.1	739.3	675.2	579.8	466.5	381.6	289.1	234.0	181.8	144.6
22.5°	1314.6	1277.3	1211.7	1100.0	942.0	770.6	597.7	450.1	324.9	245.9	184.8
20°	1970.4	1882.5	1794.5	1654.4	1439.8	1202.8	930.0	700.5	496.3	336.8	241.5
17.5°	2998.8	2878.1	2775.2	2495.0	2189.5	1860.1	1526.2	1080.6	766.1	517.2	316.0
15°	4647.3	4484.8	4171.8	3688.9	3101.6	2614.3	2155.2	1614.2	1097.0	727.3	459.1
12.5°	6374.7	6149.6	5705.5	5009.4	4203.1	3314.8	2682.8	2046.4	1450.2	946.4	584.3
10°	7954.6	7619.2	7167.6	6455.2	5435.7	4280.6	3261.1	2441.4	1739.4	1173.0	739.3
7.5°	9312.4	9093.3	8515.0	7649.0	6555.0	5113.8	3842.4	2822.9	2025.5	1396.6	886.8
5°	10723.9	10439.2	9759.5	8698.3	7386.7	5888.8	4320.8	3135.9	2228.2	1553.1	991.2
2.5°	11822.3	11513.8	10688.1	9433.1	8020.2	6376.2	4620.4	3322.2	2371.3	1636.5	1058.2
0°	12420.0	12184.5	11221.7	9957.8	8391.3	6581.9	4779.9	3435.5	2450.3	1693.2	1092.5
-2.5°	12299.3	12090.6	11206.8	9851.9	8252.7	6517.8	4757.5	3377.4	2438.4	1706.6	1091.0
-5°	11743.3	11479.5	10597.2	9312.4	7719.1	6064.7	4478.8	3250.7	2365.4	1632.1	1044.8
-7.5°	10430.2	10243.9	9367.5	8254.2	6881.5	5322.4	3970.6	2977.9	2194.0	1509.8	956.9
-10°	8637.2	8540.3	7887.5	6894.9	5632.4	4468.4	3422.1	2648.5	1960.0	1332.5	827.2
-12.5°	6866.5	6698.1	6203.3	5367.1	4460.9	3545.8	2888.5	2290.8	1687.2	1119.3	673.7
-15°	4931.9	4861.9	4572.7	4048.1	3447.4	2894.5	2387.7	1889.9	1348.9	895.8	567.9
-17.5°	3484.7	3483.2	3347.6	3082.3	2714.1	2322.1	1910.8	1457.7	1038.9	688.6	438.2
-20°	2712.6	2656.0	2559.1	2375.8	2112.0	1784.1	1408.5	1071.6	746.7	500.8	357.7



REPORT NUMBER: P640006
 CATALOG NUMBER: IFLD-S-SA3A-AMB-U-44-VI

CANDELA DISTRIBUTION (continued):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
-22.5°	2028.5	2001.7	1909.3	1749.8	1536.7	1265.4	992.6	740.8	520.2	384.5	286.2
-25°	1423.4	1372.7	1293.7	1174.5	1010.5	821.2	667.7	496.3	389.0	298.1	237.0
-27.5°	867.4	842.1	804.8	740.8	649.8	536.6	454.6	366.7	301.1	241.5	201.2
-30°	536.6	533.6	511.2	481.4	436.7	380.1	330.9	283.2	240.0	204.2	172.9
-32.5°	368.1	363.7	351.7	336.8	313.0	284.7	254.9	226.5	198.2	172.9	150.5
-35°	268.3	271.3	263.8	254.9	241.5	225.1	207.2	187.8	168.4	150.5	135.6
-37.5°	213.1	211.6	208.7	204.2	196.7	186.3	174.4	161.0	147.6	134.1	123.7
-40°	175.9	175.9	174.4	171.4	166.9	159.5	150.5	141.6	132.7	122.2	113.3
-42.5°	150.5	150.5	149.0	147.6	144.6	140.1	134.1	128.2	120.7	111.8	104.3
-45°	132.7	132.7	131.2	129.7	128.2	125.2	120.7	116.3	110.3	102.8	96.9
-47.5°	119.2	119.2	117.7	117.7	116.3	113.3	110.3	107.3	102.8	96.9	90.9
-50°	107.3	108.8	108.8	107.3	105.8	104.3	102.8	98.4	95.4	90.9	85.0
-52.5°	99.9	99.9	99.9	99.9	98.4	98.4	95.4	90.9	87.9	83.5	80.5
-55°	93.9	93.9	93.9	92.4	92.4	90.9	87.9	85.0	82.0	79.0	76.0
-57.5°	87.9	87.9	87.9	87.9	86.4	86.4	83.5	80.5	77.5	74.5	71.5
-60°	83.5	83.5	83.5	82.0	82.0	80.5	77.5	74.5	71.5	68.6	65.6
-62.5°	79.0	77.5	77.5	76.0	76.0	74.5	71.5	68.6	65.6	62.6	61.1
-65°	71.5	71.5	71.5	70.1	68.6	67.1	65.6	62.6	59.6	58.1	55.1
-67.5°	64.1	64.1	64.1	62.6	61.1	59.6	58.1	56.6	55.1	52.2	50.7
-70°	56.6	56.6	56.6	55.1	53.7	52.2	50.7	49.2	47.7	46.2	44.7
-72.5°	46.2	46.2	46.2	44.7	44.7	43.2	43.2	41.7	40.2	38.8	37.3
-75°	38.8	38.8	38.8	37.3	37.3	35.8	35.8	34.3	32.8	31.3	31.3
-77.5°	29.8	29.8	29.8	29.8	28.3	28.3	26.8	26.8	26.8	25.3	25.3
-80°	22.4	23.8	23.8	23.8	22.4	22.4	22.4	20.9	20.9	19.4	19.4
-82.5°	17.9	17.9	17.9	17.9	17.9	17.9	17.9	16.4	16.4	14.9	14.9
-85°	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	11.9	10.4	10.4
-87.5°	7.5	7.5	7.5	7.5	6.0	6.0	6.0	6.0	6.0	6.0	6.0
-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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 CATALOG NUMBER: IFLD-S-SA3A-AMB-U-44-VI

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	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
85°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
82.5°	1.5	1.5	1.5	1.5	1.5	1.5	3.0	3.0	3.0	3.0	3.0
80°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	3.0	3.0	3.0
77.5°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	3.0	3.0
75°	0.0	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	3.0	3.0
72.5°	0.0	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	3.0
70°	0.0	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
67.5°	0.0	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
65°	0.0	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
62.5°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
60°	3.0	3.0	1.5	3.0	3.0	1.5	1.5	1.5	1.5	1.5	1.5
57.5°	7.5	7.5	6.0	6.0	4.5	4.5	3.0	1.5	1.5	1.5	1.5
55°	11.9	10.4	10.4	8.9	7.5	7.5	6.0	4.5	3.0	3.0	1.5
52.5°	16.4	14.9	13.4	11.9	11.9	10.4	8.9	7.5	6.0	4.5	3.0
50°	22.4	20.9	19.4	17.9	14.9	13.4	11.9	10.4	8.9	7.5	4.5
47.5°	29.8	26.8	25.3	22.4	20.9	17.9	14.9	13.4	11.9	8.9	7.5
45°	34.3	31.3	29.8	26.8	25.3	22.4	19.4	16.4	14.9	11.9	8.9
42.5°	40.2	37.3	34.3	31.3	29.8	26.8	23.8	20.9	17.9	14.9	11.9
40°	46.2	43.2	40.2	37.3	34.3	29.8	26.8	23.8	20.9	17.9	14.9
37.5°	56.6	52.2	47.7	43.2	38.8	35.8	31.3	28.3	25.3	20.9	17.9
35°	65.6	62.6	55.1	50.7	46.2	40.2	35.8	31.3	28.3	25.3	20.9
32.5°	76.0	70.1	62.6	56.6	52.2	46.2	40.2	35.8	31.3	28.3	23.8
30°	86.4	77.5	70.1	62.6	56.6	50.7	46.2	40.2	35.8	29.8	25.3
27.5°	101.4	87.9	77.5	70.1	62.6	55.1	49.2	44.7	38.8	32.8	28.3
25°	119.2	99.9	86.4	77.5	68.6	59.6	53.7	49.2	43.2	35.8	31.3
22.5°	141.6	117.7	99.9	86.4	74.5	65.6	58.1	52.2	46.2	40.2	32.8
20°	180.3	143.1	116.3	96.9	83.5	73.0	64.1	58.1	50.7	43.2	35.8
17.5°	229.5	177.4	138.6	110.3	92.4	80.5	70.1	62.6	53.7	46.2	38.8
15°	299.6	213.1	159.5	123.7	102.8	87.9	76.0	67.1	58.1	49.2	41.7
12.5°	359.2	245.9	181.8	140.1	114.8	95.4	82.0	70.1	59.6	52.2	43.2
10°	451.6	289.1	204.2	153.5	122.2	101.4	85.0	73.0	62.6	53.7	46.2
7.5°	527.6	323.4	220.6	162.5	128.2	104.3	87.9	76.0	65.6	56.6	47.7
5°	576.8	348.8	232.5	169.9	132.7	108.8	90.9	77.5	67.1	58.1	49.2
2.5°	605.1	368.1	242.9	175.9	137.1	111.8	92.4	80.5	68.6	59.6	50.7
0°	623.0	369.6	245.9	177.4	138.6	113.3	93.9	80.5	70.1	59.6	52.2
-2.5°	623.0	377.1	248.9	180.3	140.1	114.8	95.4	80.5	70.1	61.1	52.2
-5°	606.6	366.7	244.4	178.9	140.1	113.3	93.9	80.5	70.1	61.1	52.2
-7.5°	566.4	348.8	238.5	175.9	138.6	113.3	95.4	82.0	71.5	62.6	53.7
-10°	502.3	321.9	226.5	171.4	135.6	111.8	95.4	82.0	71.5	62.6	53.7
-12.5°	418.8	286.2	210.2	162.5	131.2	110.3	93.9	80.5	71.5	61.1	53.7
-15°	368.1	256.4	192.3	152.0	125.2	107.3	90.9	79.0	70.1	61.1	53.7
-17.5°	305.5	228.0	177.4	144.6	122.2	104.3	89.4	79.0	68.6	59.6	53.7
-20°	262.3	202.7	162.5	135.6	116.3	101.4	87.9	77.5	68.6	59.6	53.7



REPORT NUMBER: P640006
 CATALOG NUMBER: IFLD-S-SA3A-AMB-U-44-VI

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
-22.5°	222.1	180.3	150.5	128.2	110.3	96.9	85.0	76.0	67.1	59.6	52.2
-25°	195.3	161.0	137.1	119.2	105.8	93.9	83.5	74.5	65.6	58.1	50.7
-27.5°	168.4	143.1	126.7	113.3	99.9	89.4	80.5	71.5	64.1	56.6	50.7
-30°	147.6	131.2	117.7	105.8	95.4	86.4	77.5	68.6	61.1	55.1	49.2
-32.5°	134.1	120.7	108.8	99.9	92.4	82.0	74.5	67.1	59.6	53.7	47.7
-35°	122.2	111.8	102.8	93.9	86.4	79.0	71.5	64.1	58.1	52.2	46.2
-37.5°	113.3	104.3	95.4	89.4	82.0	74.5	68.6	62.6	56.6	49.2	43.2
-40°	104.3	96.9	90.9	85.0	77.5	71.5	65.6	59.6	53.7	47.7	41.7
-42.5°	96.9	90.9	86.4	80.5	74.5	68.6	62.6	56.6	50.7	46.2	40.2
-45°	90.9	86.4	80.5	76.0	70.1	65.6	59.6	53.7	49.2	43.2	38.8
-47.5°	86.4	80.5	76.0	71.5	67.1	61.1	56.6	50.7	46.2	41.7	35.8
-50°	80.5	76.0	73.0	68.6	62.6	58.1	53.7	47.7	43.2	38.8	34.3
-52.5°	76.0	73.0	68.6	64.1	59.6	55.1	50.7	46.2	40.2	35.8	31.3
-55°	73.0	70.1	65.6	61.1	55.1	50.7	46.2	41.7	37.3	32.8	29.8
-57.5°	68.6	65.6	61.1	56.6	52.2	47.7	43.2	38.8	35.8	29.8	26.8
-60°	62.6	59.6	56.6	52.2	47.7	44.7	40.2	35.8	32.8	28.3	25.3
-62.5°	58.1	55.1	52.2	49.2	44.7	41.7	37.3	34.3	29.8	26.8	22.4
-65°	53.7	50.7	47.7	43.2	40.2	37.3	34.3	29.8	26.8	23.8	20.9
-67.5°	47.7	44.7	41.7	38.8	35.8	32.8	29.8	26.8	23.8	20.9	19.4
-70°	41.7	38.8	37.3	34.3	31.3	28.3	26.8	23.8	20.9	19.4	17.9
-72.5°	34.3	32.8	31.3	28.3	26.8	23.8	22.4	19.4	17.9	16.4	16.4
-75°	29.8	28.3	25.3	23.8	22.4	20.9	17.9	17.9	16.4	14.9	13.4
-77.5°	23.8	20.9	19.4	17.9	17.9	16.4	14.9	13.4	13.4	11.9	10.4
-80°	17.9	17.9	16.4	14.9	14.9	13.4	11.9	11.9	10.4	10.4	8.9
-82.5°	14.9	13.4	13.4	11.9	11.9	10.4	10.4	8.9	8.9	7.5	7.5
-85°	10.4	8.9	8.9	8.9	7.5	7.5	7.5	6.0	6.0	6.0	4.5
-87.5°	4.5	4.5	4.5	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
-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: P640006
 CATALOG NUMBER: IFLD-S-SA3A-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°	1.5	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	1.5	1.5	1.5	1.5	1.5	1.5	0.0	0.0	0.0	0.0	0.0
82.5°	3.0	3.0	1.5	1.5	1.5	1.5	1.5	0.0	0.0	0.0	0.0
80°	3.0	3.0	3.0	3.0	3.0	1.5	1.5	0.0	0.0	0.0	0.0
77.5°	3.0	3.0	3.0	3.0	3.0	3.0	1.5	1.5	0.0	0.0	0.0
75°	3.0	3.0	3.0	3.0	3.0	3.0	1.5	1.5	1.5	0.0	0.0
72.5°	3.0	3.0	3.0	3.0	3.0	3.0	1.5	1.5	1.5	0.0	0.0
70°	1.5	1.5	1.5	1.5	3.0	3.0	1.5	1.5	1.5	0.0	0.0
67.5°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	0.0
65°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	0.0
62.5°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	0.0
60°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	0.0
57.5°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	0.0
55°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	0.0
52.5°	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	0.0	0.0
50°	3.0	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	0.0	0.0
47.5°	4.5	3.0	1.5	1.5	1.5	1.5	1.5	1.5	1.5	0.0	0.0
45°	7.5	4.5	3.0	3.0	1.5	1.5	1.5	1.5	1.5	0.0	0.0
42.5°	8.9	6.0	4.5	3.0	1.5	1.5	1.5	1.5	1.5	0.0	0.0
40°	11.9	8.9	4.5	4.5	3.0	1.5	1.5	1.5	1.5	0.0	0.0
37.5°	14.9	10.4	7.5	4.5	4.5	1.5	1.5	1.5	1.5	0.0	0.0
35°	16.4	13.4	8.9	6.0	4.5	3.0	1.5	1.5	1.5	0.0	0.0
32.5°	19.4	14.9	11.9	7.5	6.0	3.0	1.5	1.5	1.5	0.0	0.0
30°	20.9	16.4	13.4	8.9	6.0	4.5	1.5	1.5	1.5	0.0	0.0
27.5°	23.8	17.9	14.9	10.4	7.5	4.5	3.0	1.5	1.5	0.0	0.0
25°	25.3	20.9	16.4	11.9	7.5	6.0	3.0	1.5	1.5	1.5	0.0
22.5°	26.8	22.4	17.9	13.4	8.9	6.0	3.0	1.5	1.5	1.5	0.0
20°	29.8	23.8	19.4	14.9	10.4	7.5	4.5	3.0	1.5	1.5	0.0
17.5°	32.8	26.8	20.9	16.4	11.9	7.5	4.5	3.0	1.5	1.5	0.0
15°	34.3	28.3	22.4	17.9	11.9	8.9	4.5	3.0	1.5	1.5	0.0
12.5°	37.3	29.8	23.8	17.9	13.4	8.9	6.0	3.0	1.5	1.5	0.0
10°	38.8	31.3	25.3	19.4	14.9	10.4	6.0	3.0	1.5	1.5	0.0
7.5°	40.2	32.8	26.8	20.9	14.9	10.4	6.0	3.0	3.0	1.5	0.0
5°	41.7	34.3	28.3	20.9	16.4	11.9	7.5	4.5	3.0	1.5	0.0
2.5°	43.2	35.8	28.3	22.4	17.9	11.9	7.5	4.5	3.0	1.5	0.0
0°	43.2	37.3	29.8	22.4	17.9	11.9	7.5	4.5	3.0	1.5	0.0
-2.5°	44.7	38.8	31.3	23.8	17.9	11.9	7.5	4.5	3.0	1.5	0.0
-5°	44.7	38.8	31.3	23.8	17.9	13.4	8.9	6.0	3.0	1.5	0.0
-7.5°	46.2	38.8	31.3	25.3	17.9	13.4	8.9	6.0	3.0	1.5	0.0
-10°	46.2	38.8	32.8	25.3	17.9	13.4	8.9	6.0	3.0	1.5	0.0
-12.5°	46.2	40.2	32.8	25.3	19.4	13.4	8.9	6.0	4.5	1.5	0.0
-15°	46.2	38.8	32.8	25.3	19.4	13.4	10.4	6.0	4.5	1.5	1.5
-17.5°	46.2	38.8	32.8	25.3	19.4	14.9	10.4	6.0	4.5	3.0	1.5
-20°	46.2	38.8	32.8	25.3	19.4	14.9	10.4	6.0	4.5	3.0	1.5



REPORT NUMBER: P640006
 CATALOG NUMBER: IFLD-S-SA3A-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°	44.7	38.8	32.8	25.3	19.4	13.4	10.4	6.0	4.5	3.0	1.5
-25°	44.7	38.8	31.3	23.8	17.9	13.4	10.4	6.0	4.5	3.0	1.5
-27.5°	43.2	37.3	31.3	23.8	17.9	13.4	10.4	6.0	4.5	3.0	1.5
-30°	41.7	35.8	29.8	23.8	17.9	13.4	8.9	6.0	4.5	3.0	1.5
-32.5°	41.7	35.8	28.3	22.4	17.9	13.4	8.9	6.0	4.5	3.0	1.5
-35°	40.2	34.3	26.8	20.9	16.4	11.9	8.9	6.0	4.5	3.0	1.5
-37.5°	38.8	32.8	26.8	20.9	16.4	11.9	8.9	6.0	4.5	3.0	1.5
-40°	35.8	31.3	25.3	20.9	16.4	11.9	8.9	6.0	4.5	3.0	1.5
-42.5°	34.3	28.3	23.8	19.4	14.9	10.4	7.5	6.0	4.5	3.0	1.5
-45°	32.8	26.8	22.4	17.9	14.9	10.4	7.5	6.0	3.0	3.0	1.5
-47.5°	31.3	26.8	22.4	17.9	13.4	10.4	7.5	6.0	3.0	3.0	1.5
-50°	28.3	25.3	20.9	16.4	13.4	10.4	7.5	6.0	3.0	3.0	1.5
-52.5°	26.8	23.8	19.4	14.9	11.9	8.9	7.5	4.5	3.0	3.0	1.5
-55°	25.3	22.4	17.9	14.9	11.9	8.9	7.5	4.5	3.0	3.0	1.5
-57.5°	23.8	19.4	16.4	13.4	10.4	8.9	6.0	4.5	4.5	3.0	1.5
-60°	20.9	17.9	14.9	11.9	10.4	8.9	6.0	4.5	4.5	3.0	1.5
-62.5°	19.4	16.4	14.9	11.9	10.4	7.5	6.0	4.5	3.0	3.0	1.5
-65°	17.9	16.4	13.4	11.9	8.9	7.5	6.0	4.5	3.0	1.5	1.5
-67.5°	16.4	14.9	11.9	10.4	8.9	7.5	6.0	4.5	3.0	1.5	1.5
-70°	14.9	13.4	11.9	10.4	8.9	7.5	6.0	4.5	3.0	1.5	1.5
-72.5°	14.9	11.9	10.4	8.9	8.9	6.0	4.5	3.0	3.0	1.5	1.5
-75°	11.9	10.4	8.9	8.9	7.5	6.0	4.5	3.0	1.5	1.5	0.0
-77.5°	10.4	8.9	7.5	7.5	6.0	4.5	4.5	3.0	1.5	1.5	0.0
-80°	8.9	7.5	6.0	6.0	6.0	4.5	3.0	3.0	1.5	1.5	0.0
-82.5°	6.0	6.0	6.0	4.5	4.5	4.5	3.0	1.5	1.5	0.0	0.0
-85°	4.5	4.5	4.5	4.5	4.5	3.0	1.5	1.5	1.5	0.0	0.0
-87.5°	3.0	3.0	1.5	1.5	1.5	1.5	1.5	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: P640006
 CATALOG NUMBER: IFLD-S-SA3A-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: P640006
CATALOG NUMBER: IFLD-S-SA3A-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)