

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: P640011

Luminaire Tested: **IFLD-S-SA2A-AMB-U-33-VI**

Issue Date: 02/09/2023

Test Information

Test Method: LM-79-2019
Report Number: P640011
Test Lab: INNOVATION CENTER(G2)
Issue Date: 02/09/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA2A-AMB-U-33-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ 3 distribution lens and VISOR
Light Source: (32) 1620K CCT, 0 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	2H x 2V
Luminaire Lumens:	2163.7 lumens	Max Intensity:	27116.5 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	33.9 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')		

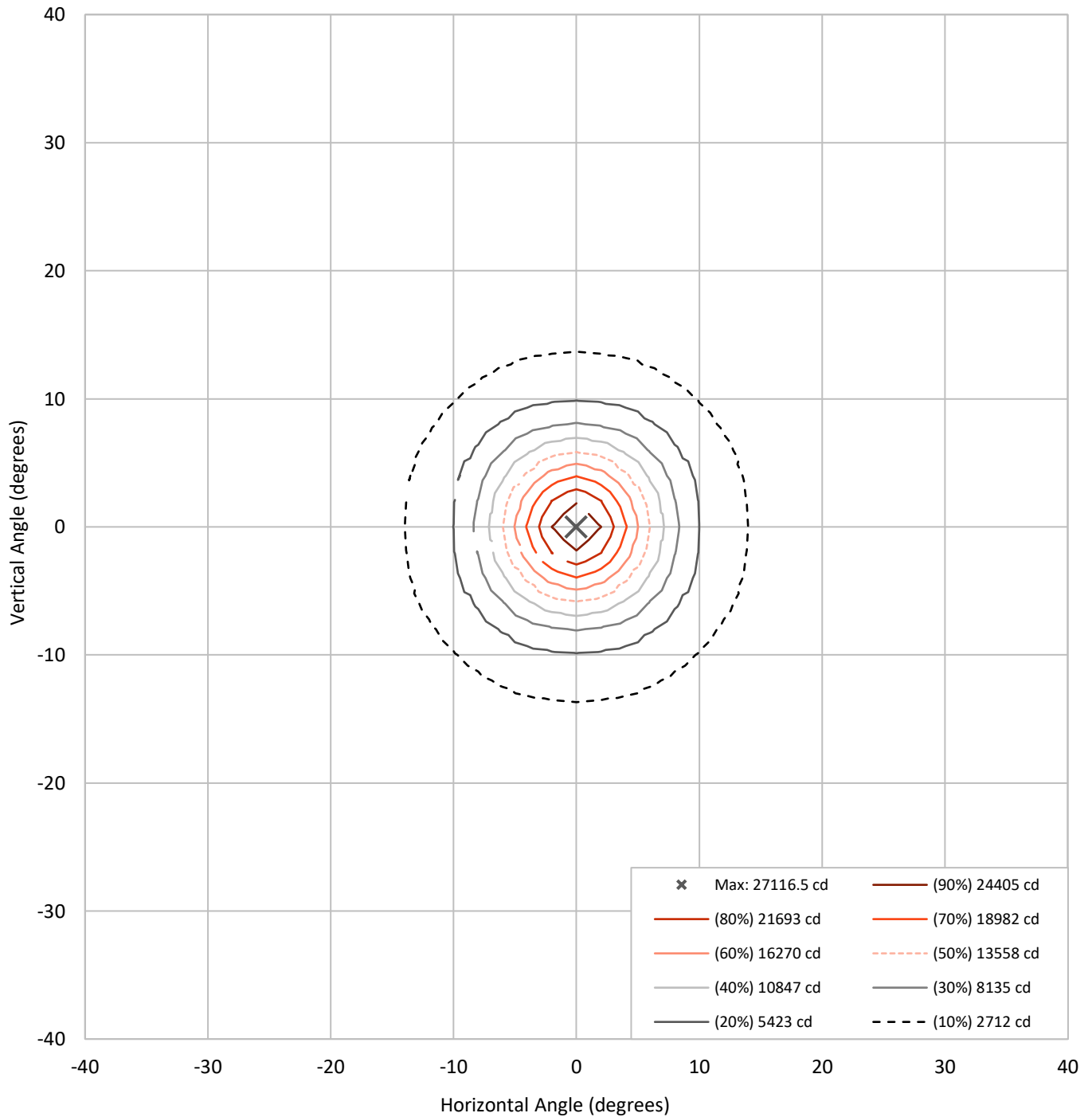
Beam Angle (50%):	12°H x 11.7°V	Field Angle (10%):	27.9°H x 27.2°V
Beam Lumens:	579.2 lumens	Field Lumens:	1469.4 lumens
Beam Efficiency:	26.8%	Field Efficiency:	67.9%

Input Watts (W): 63.8
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



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Iso-Candela Plot





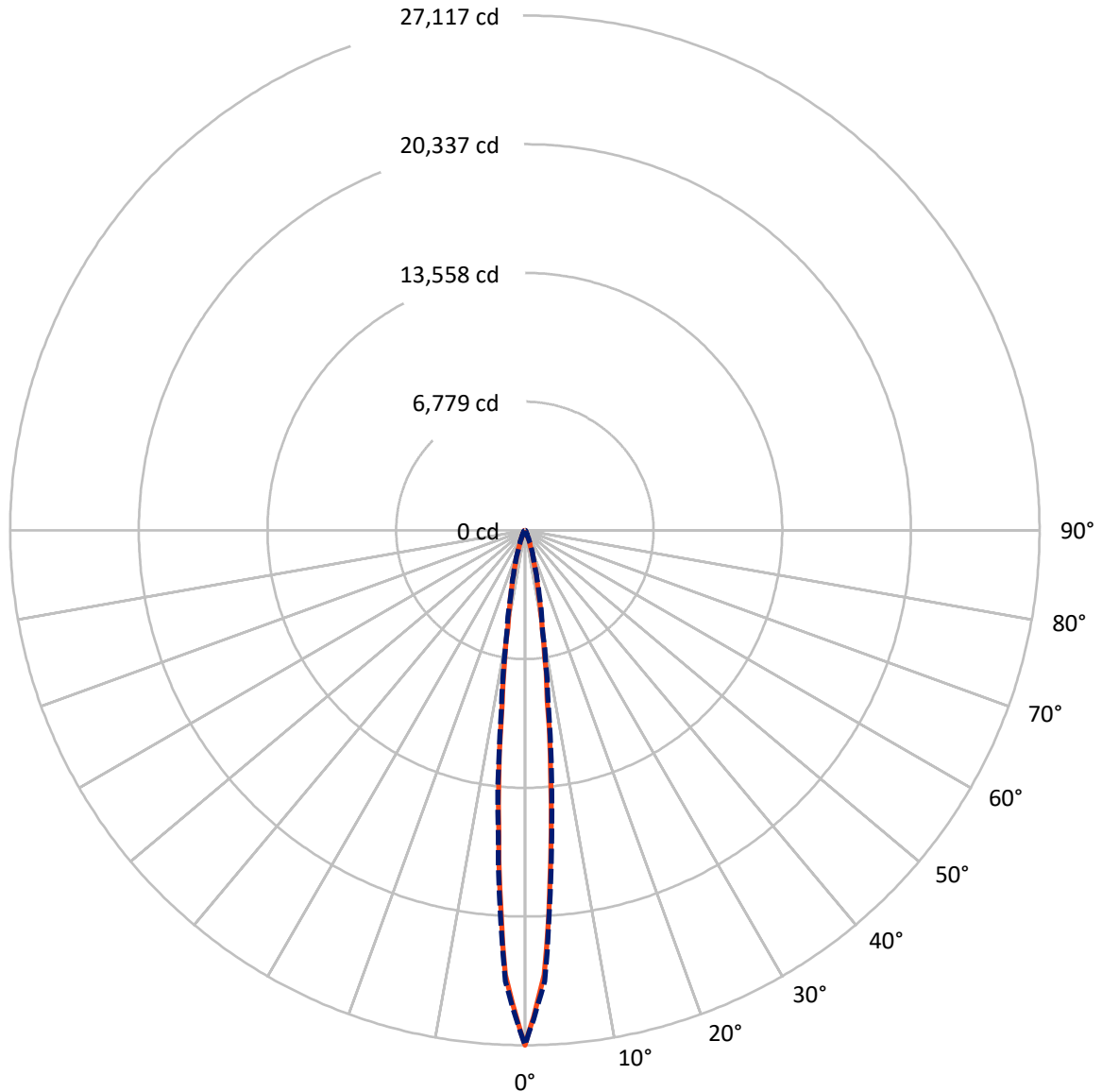
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Lumen Table

90	0.0	0.2	0.5	0.8	0.8	0.8	0.5	0.2	0.0										
80	0.0	0.2	0.5	0.8	0.8	0.8	0.5	0.2	0.0										
70	0.0	0.1	0.1	0.2	0.3	0.4	0.5	0.6	0.6	0.5	0.4	0.3	0.2	0.1	0.1	0.0			
60		0.1	0.1	0.3	0.5	0.7	0.9	0.9	0.9	0.9	0.7	0.5	0.3	0.1	0.1				
50	0.0	0.1	0.2	0.4	0.7	1.0	1.4	1.6	1.6	1.4	1.0	0.7	0.4	0.2	0.1	0.0			
40		0.1	0.3	0.6	1.0	1.6	2.6	3.2	3.2	2.6	1.6	1.0	0.6	0.3	0.1				
30	0.0	0.1	0.4	0.8	1.4	2.8	6.5	11.0	11.0	6.5	2.8	1.4	0.8	0.4	0.1	0.0			
20		0.1	0.4	0.9	2.0	6.3	25.9	61.8	61.8	25.9	6.3	2.0	0.9	0.4	0.1				
10	0.0	0.1	0.5	1.0	2.4	10.9	63.7	319.1	319.1	63.7	10.9	2.4	1.0	0.5	0.1	0.0			
0		0.1	0.5	1.0	2.4	10.9	63.7	319.1	319.1	63.7	10.9	2.4	1.0	0.5	0.1				
-10	0.0	0.1	0.4	0.9	2.0	6.3	25.9	61.8	61.8	25.9	6.3	2.0	0.9	0.4	0.1	0.0			
-20		0.1	0.4	0.8	1.4	2.8	6.5	11.0	11.0	6.5	2.8	1.4	0.8	0.4	0.1				
-30	0.0	0.1	0.3	0.6	1.0	1.6	2.6	3.2	3.2	2.6	1.6	1.0	0.6	0.3	0.1	0.0			
-40		0.1	0.2	0.4	0.7	1.0	1.4	1.6	1.6	1.4	1.0	0.7	0.4	0.2	0.1				
-50	0.0	0.1	0.1	0.3	0.5	0.7	0.9	0.9	0.9	0.9	0.7	0.5	0.3	0.1	0.1	0.0			
-60		0.1	0.1	0.2	0.3	0.4	0.5	0.6	0.6	0.5	0.4	0.3	0.2	0.1	0.1				
-70	0.0	0.1	0.1	0.2	0.3	0.4	0.5	0.6	0.6	0.5	0.4	0.3	0.2	0.1	0.1	0.0			
-80		0.1	0.1	0.2	0.3	0.4	0.5	0.6	0.6	0.5	0.4	0.3	0.2	0.1	0.1				
-90	0.0	0.2	0.5	0.8	0.8	0.8	0.5	0.2	0.0										

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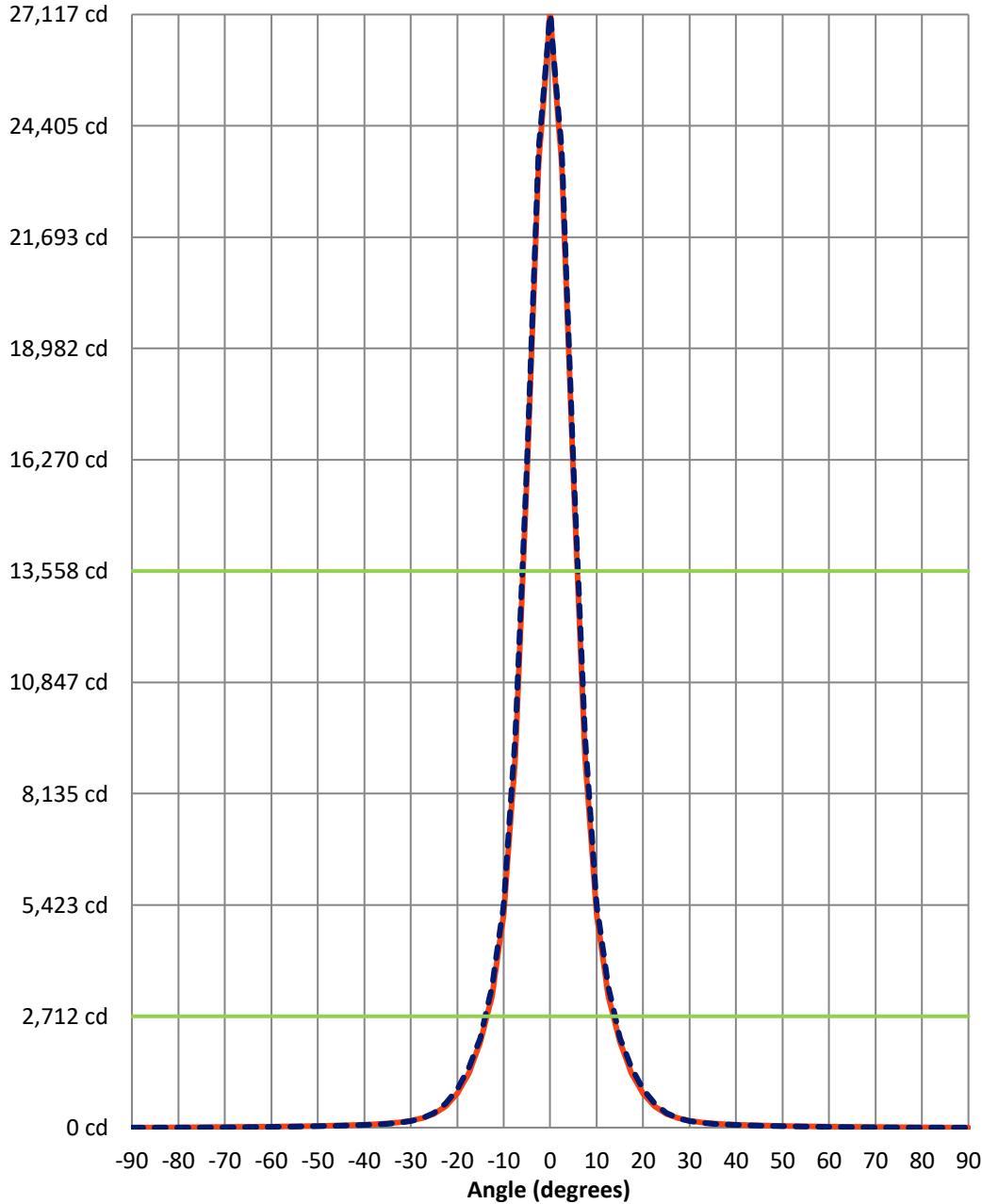
Luminous Intensity Polar Plot



— 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: 579.2
 Efficiency: 26.8%

Field:
 H Angle: 27.9°
 V Angle: 27.2°
 Lumens: 1469.4
 Efficiency: 67.9%

Spill:
 Lumens: 694.3
 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°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
85°	3.0	3.0	3.0	3.0	4.0	4.0	4.0	4.0	3.0	3.0	3.0
82.5°	4.0	5.0	5.0	5.0	5.0	6.0	6.0	6.0	6.0	5.0	5.0
80°	6.0	6.0	6.0	7.0	7.0	8.0	9.0	8.0	8.0	8.0	7.0
77.5°	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0
75°	10.0	10.0	10.0	10.0	10.0	10.0	10.0	9.0	9.0	9.0	9.0
72.5°	14.0	13.0	13.0	13.0	13.0	12.0	12.0	12.0	11.0	11.0	11.0
70°	15.0	15.0	15.0	15.0	15.0	15.0	14.0	14.0	13.0	13.0	12.0
67.5°	17.0	17.0	17.0	17.0	17.0	17.0	16.0	15.0	15.0	14.0	13.0
65°	19.0	19.0	19.0	19.0	19.0	18.0	18.0	17.0	16.0	15.0	15.0
62.5°	21.0	21.0	21.0	21.0	21.0	20.0	20.0	19.0	18.0	17.0	17.0
60°	23.0	23.0	23.0	23.0	23.0	23.0	22.0	22.0	20.0	19.0	19.0
57.5°	28.0	28.0	28.0	27.0	27.0	27.0	26.0	25.0	24.0	23.0	22.0
55°	31.0	31.0	31.0	31.0	30.0	30.0	29.0	28.0	26.0	25.0	24.0
52.5°	35.0	34.0	34.0	34.0	34.0	33.0	32.0	31.0	29.0	28.0	27.0
50°	40.0	40.0	40.0	39.0	39.0	38.0	37.0	35.0	33.0	32.0	31.0
47.5°	47.0	47.0	46.0	46.0	45.0	44.0	42.0	40.0	38.0	36.0	34.0
45°	54.0	53.0	52.0	52.0	51.0	49.0	47.0	45.0	42.0	39.0	37.0
42.5°	62.0	61.0	60.0	60.0	59.0	56.0	54.0	51.0	47.0	44.0	40.0
40°	70.0	70.0	70.0	69.0	68.0	66.0	62.0	59.0	54.0	49.0	45.0
37.5°	83.0	83.0	82.0	82.0	80.0	77.0	73.0	68.0	62.0	56.0	51.0
35°	103.0	103.0	101.0	99.0	96.0	91.0	86.0	79.0	72.0	65.0	58.0
32.5°	127.0	128.0	125.0	122.0	116.0	109.0	101.0	92.0	82.0	74.0	66.0
30°	168.0	166.0	162.0	156.0	145.0	133.0	121.0	108.0	95.0	83.0	74.0
27.5°	232.0	226.0	220.0	208.0	191.0	169.0	151.0	131.0	113.0	95.0	82.0
25°	334.1	331.1	319.1	297.0	264.0	229.0	199.0	164.0	138.0	112.0	94.0
22.5°	518.1	509.1	485.1	445.1	383.1	326.1	274.0	219.0	172.0	138.0	111.0
20°	830.1	809.1	770.1	691.1	582.1	488.1	387.1	306.1	226.0	172.0	133.0
17.5°	1323.2	1307.2	1232.2	1075.2	912.2	746.1	578.1	434.1	312.1	224.0	161.0
15°	2094.3	2000.3	1870.3	1626.3	1347.2	1070.2	820.1	592.1	407.1	286.0	201.0
12.5°	3209.5	3098.5	2836.5	2359.4	1897.3	1449.2	1087.2	782.1	531.1	350.1	235.0
10°	5209.9	5003.8	4381.7	3345.6	2620.4	1923.3	1388.2	986.2	647.1	421.1	276.0
7.5°	9054.5	8456.4	6896.1	4871.8	3384.6	2432.4	1720.3	1188.2	781.1	492.1	311.1
5°	15869.6	14490.4	10515.7	6976.2	4503.7	2976.5	1992.3	1344.2	875.1	543.1	337.1
2.5°	23431.9	20575.4	14620.4	8832.5	5302.9	3296.5	2144.4	1428.2	927.2	572.1	350.1
0°	27116.5	23763.9	16164.7	9560.6	5433.9	3443.6	2193.4	1459.2	930.2	588.1	358.1
-2.5°	23431.9	20575.4	14620.4	8832.5	5302.9	3296.5	2144.4	1428.2	927.2	572.1	350.1
-5°	15869.6	14490.4	10515.7	6976.2	4503.7	2976.5	1992.3	1344.2	875.1	543.1	337.1
-7.5°	9054.5	8456.4	6896.1	4871.8	3384.6	2432.4	1720.3	1188.2	781.1	492.1	311.1
-10°	5209.9	5003.8	4381.7	3345.6	2620.4	1923.3	1388.2	986.2	647.1	421.1	276.0
-12.5°	3209.5	3098.5	2836.5	2359.4	1897.3	1449.2	1087.2	782.1	531.1	350.1	235.0
-15°	2094.3	2000.3	1870.3	1626.3	1347.2	1070.2	820.1	592.1	407.1	286.0	201.0
-17.5°	1323.2	1307.2	1232.2	1075.2	912.2	746.1	578.1	434.1	312.1	224.0	161.0
-20°	830.1	809.1	770.1	691.1	582.1	488.1	387.1	306.1	226.0	172.0	133.0



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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°	518.1	509.1	485.1	445.1	383.1	326.1	274.0	219.0	172.0	138.0	111.0
-25°	334.1	331.1	319.1	297.0	264.0	229.0	199.0	164.0	138.0	112.0	94.0
-27.5°	232.0	226.0	220.0	208.0	191.0	169.0	151.0	131.0	113.0	95.0	82.0
-30°	168.0	166.0	162.0	156.0	145.0	133.0	121.0	108.0	95.0	83.0	74.0
-32.5°	127.0	128.0	125.0	122.0	116.0	109.0	101.0	92.0	82.0	74.0	66.0
-35°	103.0	103.0	101.0	99.0	96.0	91.0	86.0	79.0	72.0	65.0	58.0
-37.5°	83.0	83.0	82.0	82.0	80.0	77.0	73.0	68.0	62.0	56.0	51.0
-40°	70.0	70.0	70.0	69.0	68.0	66.0	62.0	59.0	54.0	49.0	45.0
-42.5°	62.0	61.0	60.0	60.0	59.0	56.0	54.0	51.0	47.0	44.0	40.0
-45°	54.0	53.0	52.0	52.0	51.0	49.0	47.0	45.0	42.0	39.0	37.0
-47.5°	47.0	47.0	46.0	46.0	45.0	44.0	42.0	40.0	38.0	36.0	34.0
-50°	40.0	40.0	40.0	39.0	39.0	38.0	37.0	35.0	33.0	32.0	31.0
-52.5°	35.0	34.0	34.0	34.0	34.0	33.0	32.0	31.0	29.0	28.0	27.0
-55°	31.0	31.0	31.0	31.0	30.0	30.0	29.0	28.0	26.0	25.0	24.0
-57.5°	28.0	28.0	28.0	27.0	27.0	27.0	26.0	25.0	24.0	23.0	22.0
-60°	23.0	23.0	23.0	23.0	23.0	23.0	22.0	22.0	20.0	19.0	19.0
-62.5°	21.0	21.0	21.0	21.0	21.0	20.0	20.0	19.0	18.0	17.0	17.0
-65°	19.0	19.0	19.0	19.0	19.0	18.0	18.0	17.0	16.0	15.0	15.0
-67.5°	17.0	17.0	17.0	17.0	17.0	17.0	16.0	15.0	15.0	14.0	13.0
-70°	15.0	15.0	15.0	15.0	15.0	15.0	14.0	14.0	13.0	13.0	12.0
-72.5°	14.0	13.0	13.0	13.0	13.0	12.0	12.0	12.0	11.0	11.0	11.0
-75°	10.0	10.0	10.0	10.0	10.0	10.0	10.0	9.0	9.0	9.0	9.0
-77.5°	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0
-80°	6.0	6.0	6.0	7.0	7.0	8.0	9.0	8.0	8.0	8.0	7.0
-82.5°	4.0	5.0	5.0	5.0	5.0	6.0	6.0	6.0	6.0	5.0	5.0
-85°	3.0	3.0	3.0	3.0	4.0	4.0	4.0	4.0	3.0	3.0	3.0
-87.5°	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
-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°	2.0	2.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
85°	3.0	3.0	3.0	3.0	3.0	3.0	2.0	2.0	2.0	2.0	2.0
82.5°	5.0	5.0	5.0	4.0	4.0	4.0	3.0	3.0	4.0	4.0	4.0
80°	7.0	6.0	6.0	5.0	5.0	5.0	4.0	4.0	4.0	4.0	4.0
77.5°	8.0	7.0	7.0	6.0	6.0	5.0	5.0	5.0	4.0	4.0	4.0
75°	8.0	8.0	7.0	7.0	7.0	7.0	7.0	6.0	5.0	5.0	5.0
72.5°	11.0	11.0	10.0	10.0	9.0	9.0	9.0	9.0	8.0	7.0	6.0
70°	12.0	12.0	12.0	11.0	11.0	10.0	10.0	9.0	9.0	8.0	8.0
67.5°	13.0	13.0	13.0	12.0	12.0	11.0	11.0	10.0	10.0	9.0	8.0
65°	14.0	14.0	13.0	13.0	12.0	12.0	11.0	10.0	10.0	9.0	9.0
62.5°	16.0	15.0	14.0	14.0	13.0	12.0	12.0	11.0	10.0	9.0	9.0
60°	18.0	17.0	16.0	15.0	14.0	13.0	12.0	11.0	10.0	9.0	9.0
57.5°	21.0	20.0	19.0	17.0	16.0	14.0	13.0	12.0	11.0	9.0	9.0
55°	23.0	22.0	21.0	19.0	18.0	16.0	15.0	13.0	12.0	10.0	9.0
52.5°	26.0	24.0	23.0	21.0	20.0	18.0	17.0	15.0	13.0	12.0	10.0
50°	29.0	28.0	26.0	24.0	22.0	20.0	18.0	17.0	15.0	13.0	11.0
47.5°	32.0	31.0	29.0	27.0	25.0	22.0	20.0	18.0	16.0	15.0	13.0
45°	35.0	33.0	31.0	30.0	27.0	25.0	22.0	20.0	18.0	16.0	14.0
42.5°	38.0	36.0	34.0	32.0	29.0	27.0	24.0	22.0	20.0	18.0	15.0
40°	42.0	39.0	37.0	34.0	32.0	29.0	26.0	23.0	21.0	19.0	17.0
37.5°	47.0	44.0	40.0	37.0	35.0	32.0	29.0	26.0	23.0	21.0	18.0
35°	53.0	49.0	45.0	41.0	38.0	35.0	31.0	28.0	25.0	22.0	20.0
32.5°	60.0	54.0	49.0	45.0	41.0	37.0	33.0	30.0	27.0	23.0	21.0
30°	66.0	60.0	54.0	49.0	44.0	39.0	35.0	32.0	28.0	25.0	22.0
27.5°	73.0	65.0	59.0	53.0	47.0	41.0	37.0	33.0	30.0	26.0	23.0
25°	81.0	71.0	64.0	57.0	50.0	44.0	39.0	35.0	31.0	28.0	24.0
22.5°	91.0	79.0	70.0	62.0	54.0	46.0	41.0	37.0	33.0	29.0	25.0
20°	106.0	89.0	77.0	67.0	58.0	50.0	44.0	39.0	35.0	30.0	26.0
17.5°	124.0	102.0	86.0	73.0	62.0	54.0	47.0	41.0	36.0	32.0	27.0
15°	147.0	114.0	93.0	78.0	66.0	57.0	49.0	43.0	37.0	33.0	28.0
12.5°	165.0	125.0	100.0	84.0	71.0	61.0	51.0	44.0	38.0	33.0	29.0
10°	188.0	137.0	107.0	88.0	74.0	62.0	53.0	45.0	39.0	34.0	30.0
7.5°	206.0	146.0	112.0	90.0	75.0	63.0	54.0	46.0	39.0	34.0	30.0
5°	219.0	153.0	114.0	91.0	76.0	64.0	54.0	46.0	40.0	35.0	30.0
2.5°	227.0	159.0	117.0	92.0	77.0	65.0	55.0	47.0	40.0	35.0	30.0
0°	227.0	159.0	118.0	92.0	77.0	66.0	55.0	47.0	40.0	35.0	30.0
-2.5°	227.0	159.0	117.0	92.0	77.0	65.0	55.0	47.0	40.0	35.0	30.0
-5°	219.0	153.0	114.0	91.0	76.0	64.0	54.0	46.0	40.0	35.0	30.0
-7.5°	206.0	146.0	112.0	90.0	75.0	63.0	54.0	46.0	39.0	34.0	30.0
-10°	188.0	137.0	107.0	88.0	74.0	62.0	53.0	45.0	39.0	34.0	30.0
-12.5°	165.0	125.0	100.0	84.0	71.0	61.0	51.0	44.0	38.0	33.0	29.0
-15°	147.0	114.0	93.0	78.0	66.0	57.0	49.0	43.0	37.0	33.0	28.0
-17.5°	124.0	102.0	86.0	73.0	62.0	54.0	47.0	41.0	36.0	32.0	27.0
-20°	106.0	89.0	77.0	67.0	58.0	50.0	44.0	39.0	35.0	30.0	26.0



REPORT NUMBER: P640011
 CATALOG NUMBER: IFLD-S-SA2A-AMB-U-33-VI

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
-22.5°	91.0	79.0	70.0	62.0	54.0	46.0	41.0	37.0	33.0	29.0	25.0
-25°	81.0	71.0	64.0	57.0	50.0	44.0	39.0	35.0	31.0	28.0	24.0
-27.5°	73.0	65.0	59.0	53.0	47.0	41.0	37.0	33.0	30.0	26.0	23.0
-30°	66.0	60.0	54.0	49.0	44.0	39.0	35.0	32.0	28.0	25.0	22.0
-32.5°	60.0	54.0	49.0	45.0	41.0	37.0	33.0	30.0	27.0	23.0	21.0
-35°	53.0	49.0	45.0	41.0	38.0	35.0	31.0	28.0	25.0	22.0	20.0
-37.5°	47.0	44.0	40.0	37.0	35.0	32.0	29.0	26.0	23.0	21.0	18.0
-40°	42.0	39.0	37.0	34.0	32.0	29.0	26.0	23.0	21.0	19.0	17.0
-42.5°	38.0	36.0	34.0	32.0	29.0	27.0	24.0	22.0	20.0	18.0	15.0
-45°	35.0	33.0	31.0	30.0	27.0	25.0	22.0	20.0	18.0	16.0	14.0
-47.5°	32.0	31.0	29.0	27.0	25.0	22.0	20.0	18.0	16.0	15.0	13.0
-50°	29.0	28.0	26.0	24.0	22.0	20.0	18.0	17.0	15.0	13.0	11.0
-52.5°	26.0	24.0	23.0	21.0	20.0	18.0	17.0	15.0	13.0	12.0	10.0
-55°	23.0	22.0	21.0	19.0	18.0	16.0	15.0	13.0	12.0	10.0	9.0
-57.5°	21.0	20.0	19.0	17.0	16.0	14.0	13.0	12.0	11.0	9.0	9.0
-60°	18.0	17.0	16.0	15.0	14.0	13.0	12.0	11.0	10.0	9.0	9.0
-62.5°	16.0	15.0	14.0	14.0	13.0	12.0	12.0	11.0	10.0	9.0	9.0
-65°	14.0	14.0	13.0	13.0	12.0	12.0	11.0	10.0	10.0	9.0	9.0
-67.5°	13.0	13.0	13.0	12.0	12.0	11.0	11.0	10.0	10.0	9.0	8.0
-70°	12.0	12.0	12.0	11.0	11.0	10.0	10.0	9.0	9.0	8.0	8.0
-72.5°	11.0	11.0	10.0	10.0	9.0	9.0	9.0	9.0	8.0	7.0	6.0
-75°	8.0	8.0	7.0	7.0	7.0	7.0	7.0	6.0	5.0	5.0	5.0
-77.5°	8.0	7.0	7.0	6.0	6.0	5.0	5.0	5.0	4.0	4.0	4.0
-80°	7.0	6.0	6.0	5.0	5.0	5.0	4.0	4.0	4.0	4.0	4.0
-82.5°	5.0	5.0	5.0	4.0	4.0	4.0	3.0	3.0	4.0	4.0	4.0
-85°	3.0	3.0	3.0	3.0	3.0	3.0	2.0	2.0	2.0	2.0	2.0
-87.5°	2.0	2.0	2.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
-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: P640011
 CATALOG NUMBER: IFLD-S-SA2A-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°	1.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85°	2.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0
82.5°	4.0	4.0	3.0	2.0	2.0	1.0	1.0	1.0	1.0	0.0	0.0
80°	5.0	5.0	4.0	4.0	3.0	2.0	2.0	1.0	1.0	1.0	0.0
77.5°	4.0	4.0	4.0	4.0	4.0	3.0	2.0	2.0	1.0	1.0	0.0
75°	5.0	4.0	4.0	4.0	4.0	3.0	3.0	2.0	1.0	1.0	0.0
72.5°	6.0	5.0	5.0	4.0	4.0	3.0	3.0	2.0	2.0	1.0	1.0
70°	7.0	6.0	5.0	5.0	4.0	3.0	3.0	2.0	2.0	1.0	1.0
67.5°	8.0	7.0	6.0	5.0	4.0	3.0	3.0	2.0	2.0	1.0	1.0
65°	8.0	7.0	6.0	6.0	4.0	4.0	3.0	2.0	2.0	1.0	1.0
62.5°	8.0	7.0	6.0	6.0	5.0	4.0	3.0	2.0	2.0	1.0	1.0
60°	8.0	7.0	6.0	6.0	5.0	4.0	3.0	2.0	2.0	1.0	1.0
57.5°	8.0	7.0	6.0	6.0	5.0	4.0	3.0	2.0	2.0	1.0	1.0
55°	8.0	7.0	6.0	5.0	5.0	4.0	3.0	2.0	2.0	1.0	1.0
52.5°	9.0	8.0	6.0	5.0	5.0	4.0	3.0	2.0	2.0	1.0	1.0
50°	10.0	8.0	7.0	5.0	5.0	4.0	3.0	2.0	2.0	1.0	1.0
47.5°	11.0	9.0	7.0	6.0	5.0	4.0	3.0	2.0	2.0	1.0	1.0
45°	12.0	10.0	8.0	6.0	5.0	4.0	3.0	2.0	2.0	1.0	1.0
42.5°	13.0	11.0	9.0	7.0	5.0	4.0	3.0	2.0	2.0	1.0	1.0
40°	14.0	12.0	9.0	7.0	5.0	4.0	3.0	2.0	2.0	1.0	1.0
37.5°	15.0	13.0	10.0	8.0	6.0	4.0	3.0	2.0	2.0	1.0	1.0
35°	16.0	14.0	11.0	8.0	6.0	4.0	3.0	2.0	2.0	1.0	1.0
32.5°	18.0	15.0	12.0	9.0	7.0	5.0	3.0	2.0	2.0	1.0	1.0
30°	19.0	16.0	13.0	10.0	7.0	5.0	3.0	2.0	2.0	1.0	1.0
27.5°	19.0	16.0	14.0	10.0	8.0	5.0	4.0	3.0	2.0	1.0	1.0
25°	20.0	17.0	14.0	11.0	8.0	6.0	4.0	3.0	2.0	1.0	1.0
22.5°	21.0	18.0	15.0	12.0	9.0	6.0	4.0	3.0	2.0	1.0	1.0
20°	22.0	19.0	15.0	12.0	9.0	6.0	4.0	3.0	2.0	1.0	1.0
17.5°	23.0	19.0	16.0	12.0	9.0	7.0	4.0	3.0	2.0	1.0	1.0
15°	24.0	20.0	16.0	13.0	10.0	7.0	4.0	3.0	2.0	1.0	1.0
12.5°	24.0	21.0	17.0	13.0	10.0	7.0	5.0	3.0	2.0	1.0	1.0
10°	25.0	21.0	17.0	13.0	10.0	7.0	5.0	3.0	2.0	1.0	1.0
7.5°	25.0	21.0	17.0	14.0	10.0	7.0	5.0	3.0	2.0	1.0	1.0
5°	25.0	22.0	17.0	14.0	10.0	7.0	5.0	3.0	2.0	1.0	1.0
2.5°	25.0	22.0	17.0	14.0	10.0	7.0	5.0	3.0	2.0	1.0	1.0
0°	25.0	22.0	17.0	14.0	10.0	7.0	5.0	3.0	2.0	1.0	1.0
-2.5°	25.0	22.0	17.0	14.0	10.0	7.0	5.0	3.0	2.0	1.0	1.0
-5°	25.0	22.0	17.0	14.0	10.0	7.0	5.0	3.0	2.0	1.0	1.0
-7.5°	25.0	21.0	17.0	14.0	10.0	7.0	5.0	3.0	2.0	1.0	1.0
-10°	25.0	21.0	17.0	13.0	10.0	7.0	5.0	3.0	2.0	1.0	1.0
-12.5°	24.0	21.0	17.0	13.0	10.0	7.0	5.0	3.0	2.0	1.0	1.0
-15°	24.0	20.0	16.0	13.0	10.0	7.0	4.0	3.0	2.0	1.0	1.0
-17.5°	23.0	19.0	16.0	12.0	9.0	7.0	4.0	3.0	2.0	1.0	1.0
-20°	22.0	19.0	15.0	12.0	9.0	6.0	4.0	3.0	2.0	1.0	1.0



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CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	21.0	18.0	15.0	12.0	9.0	6.0	4.0	3.0	2.0	1.0	1.0
-25°	20.0	17.0	14.0	11.0	8.0	6.0	4.0	3.0	2.0	1.0	1.0
-27.5°	19.0	16.0	14.0	10.0	8.0	5.0	4.0	3.0	2.0	1.0	1.0
-30°	19.0	16.0	13.0	10.0	7.0	5.0	3.0	2.0	2.0	1.0	1.0
-32.5°	18.0	15.0	12.0	9.0	7.0	5.0	3.0	2.0	2.0	1.0	1.0
-35°	16.0	14.0	11.0	8.0	6.0	4.0	3.0	2.0	2.0	1.0	1.0
-37.5°	15.0	13.0	10.0	8.0	6.0	4.0	3.0	2.0	2.0	1.0	1.0
-40°	14.0	12.0	9.0	7.0	5.0	4.0	3.0	2.0	2.0	1.0	1.0
-42.5°	13.0	11.0	9.0	7.0	5.0	4.0	3.0	2.0	2.0	1.0	1.0
-45°	12.0	10.0	8.0	6.0	5.0	4.0	3.0	2.0	2.0	1.0	1.0
-47.5°	11.0	9.0	7.0	6.0	5.0	4.0	3.0	2.0	2.0	1.0	1.0
-50°	10.0	8.0	7.0	5.0	5.0	4.0	3.0	2.0	2.0	1.0	1.0
-52.5°	9.0	8.0	6.0	5.0	5.0	4.0	3.0	2.0	2.0	1.0	1.0
-55°	8.0	7.0	6.0	5.0	5.0	4.0	3.0	2.0	2.0	1.0	1.0
-57.5°	8.0	7.0	6.0	6.0	5.0	4.0	3.0	2.0	2.0	1.0	1.0
-60°	8.0	7.0	6.0	6.0	5.0	4.0	3.0	2.0	2.0	1.0	1.0
-62.5°	8.0	7.0	6.0	6.0	5.0	4.0	3.0	2.0	2.0	1.0	1.0
-65°	8.0	7.0	6.0	6.0	4.0	4.0	3.0	2.0	2.0	1.0	1.0
-67.5°	8.0	7.0	6.0	5.0	4.0	3.0	3.0	2.0	2.0	1.0	1.0
-70°	7.0	6.0	5.0	5.0	4.0	3.0	3.0	2.0	2.0	1.0	1.0
-72.5°	6.0	5.0	5.0	4.0	4.0	3.0	3.0	2.0	2.0	1.0	1.0
-75°	5.0	4.0	4.0	4.0	4.0	3.0	3.0	2.0	1.0	1.0	0.0
-77.5°	4.0	4.0	4.0	4.0	4.0	3.0	2.0	2.0	1.0	1.0	0.0
-80°	5.0	5.0	4.0	4.0	3.0	2.0	2.0	1.0	1.0	1.0	0.0
-82.5°	4.0	4.0	3.0	2.0	2.0	1.0	1.0	1.0	1.0	0.0	0.0
-85°	2.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0
-87.5°	1.0	1.0	1.0	1.0	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



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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°	1.0	0.0	0.0	0.0
30°	1.0	0.0	0.0	0.0
27.5°	1.0	0.0	0.0	0.0
25°	1.0	0.0	0.0	0.0
22.5°	1.0	0.0	0.0	0.0
20°	1.0	0.0	0.0	0.0
17.5°	1.0	0.0	0.0	0.0
15°	1.0	0.0	0.0	0.0
12.5°	1.0	0.0	0.0	0.0
10°	1.0	0.0	0.0	0.0
7.5°	1.0	0.0	0.0	0.0
5°	1.0	0.0	0.0	0.0
2.5°	1.0	0.0	0.0	0.0
0°	1.0	0.0	0.0	0.0
-2.5°	1.0	0.0	0.0	0.0
-5°	1.0	0.0	0.0	0.0
-7.5°	1.0	0.0	0.0	0.0
-10°	1.0	0.0	0.0	0.0
-12.5°	1.0	0.0	0.0	0.0
-15°	1.0	0.0	0.0	0.0
-17.5°	1.0	0.0	0.0	0.0
-20°	1.0	0.0	0.0	0.0



REPORT NUMBER: P640011
CATALOG NUMBER: IFLD-S-SA2A-AMB-U-33-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	1.0	0.0	0.0	0.0
-25°	1.0	0.0	0.0	0.0
-27.5°	1.0	0.0	0.0	0.0
-30°	1.0	0.0	0.0	0.0
-32.5°	1.0	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)