

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: P723604

Luminaire Tested: **IFLD-S-SA2A-722-U-11-VI**

Issue Date: 01/11/2023

Test Information

Test Method: LM-79-2019
Report Number: P723604
Test Lab: INNOVATION CENTER(G2)
Issue Date: 01/11/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA2A-722-U-11-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 1 distribution lens and Visor
Light Source: (32) 2200K CCT, 70 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	1H x 1V
Luminaire Lumens:	3600.1 lumens	Max Intensity:	84697.3 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	56.4 lumens/watt		
Luminous Opening:	Rectangular (W 1' x L: 0.5' x H: 0')		

Beam Angle (50%):	9.3°H x 8.8°V	Field Angle (10%):	15.8°H x 15.3°V
Beam Lumens:	1305.5 lumens	Field Lumens:	2081.3 lumens
Beam Efficiency:	36.3%	Field Efficiency:	57.8%

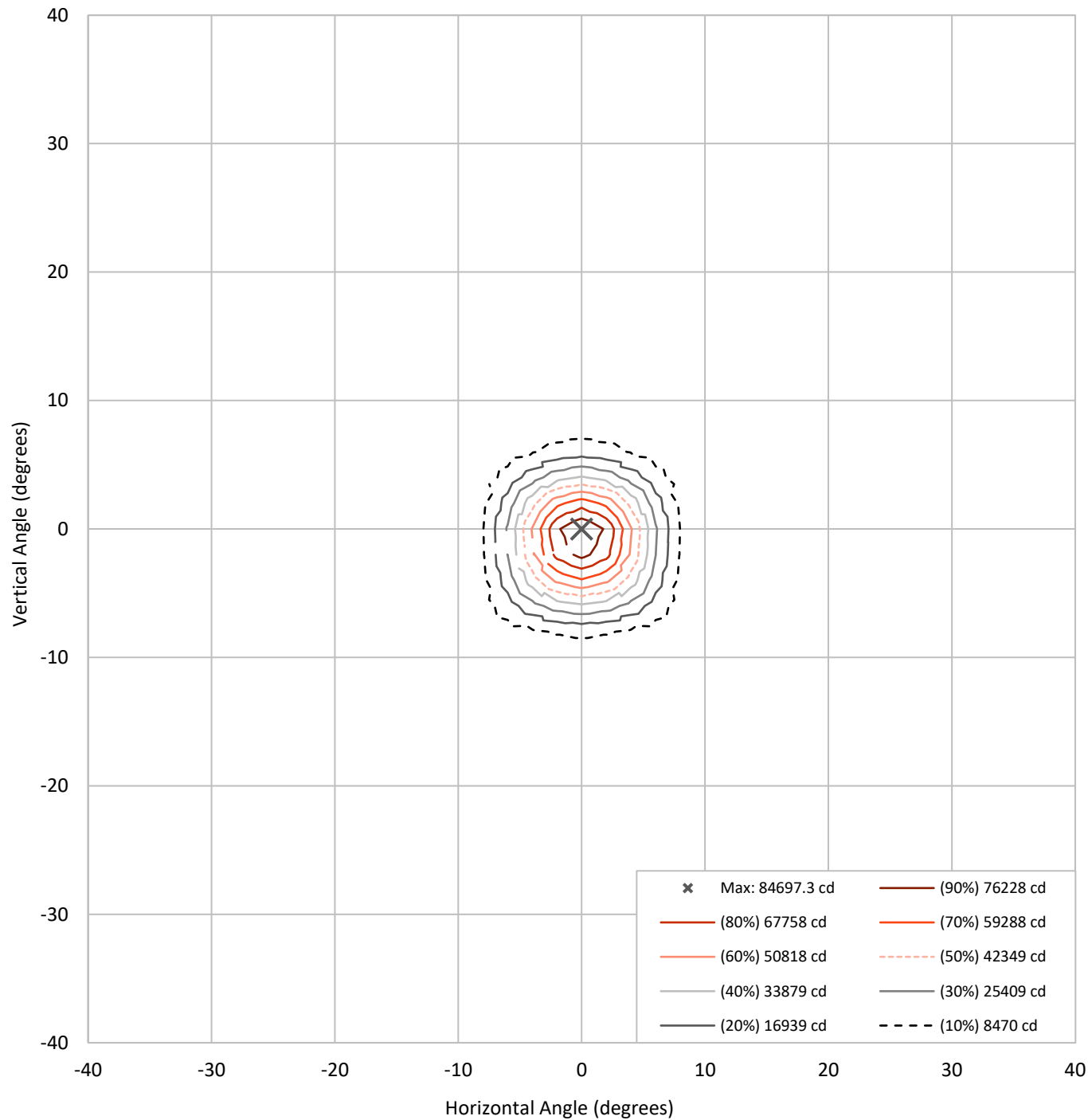
Input Watts (W): 63.8
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT





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Iso-Candela Plot



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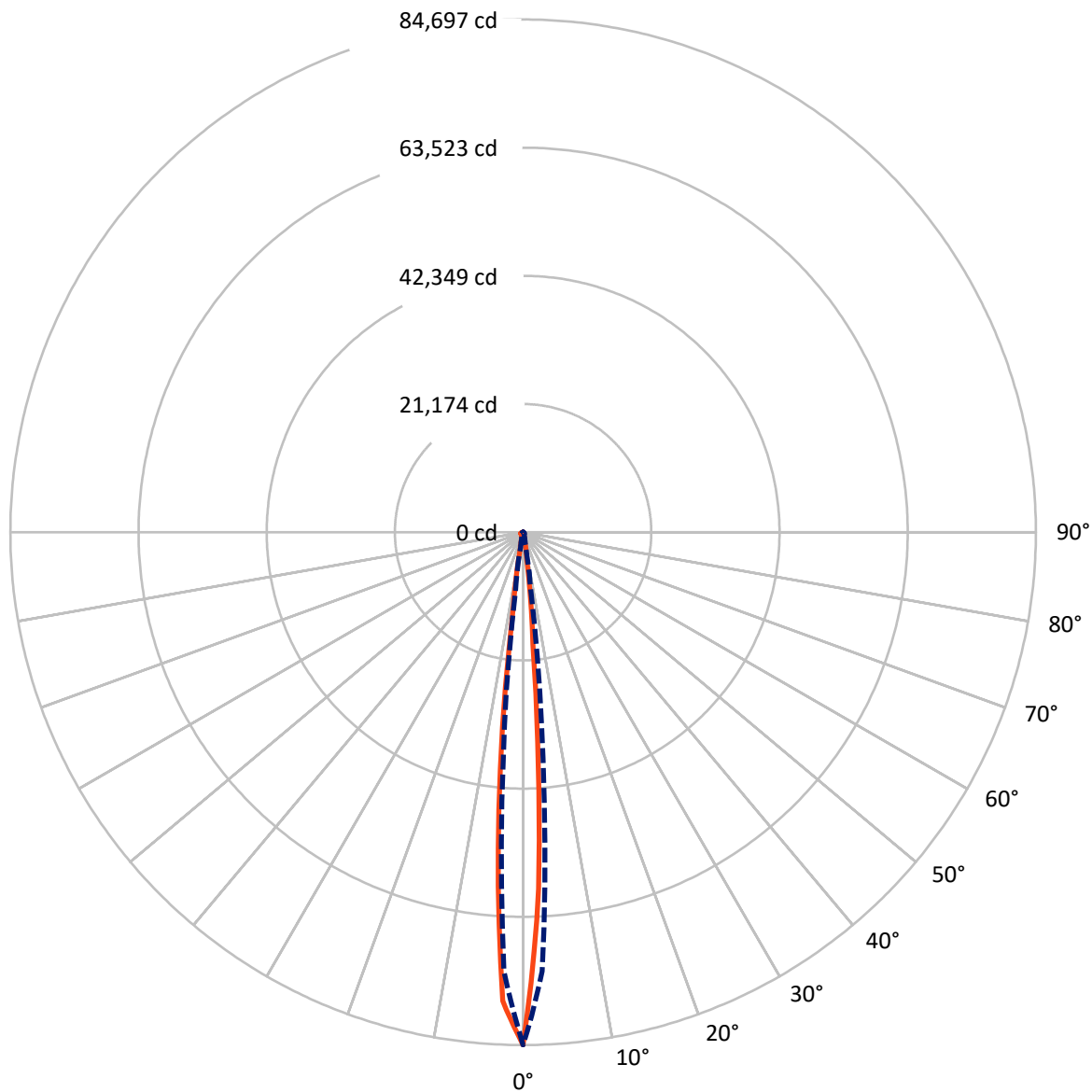
Lumen Table

90																			
80	0.1		0.8		0.9		0.3		0.1		0.3		0.9		0.8		0.1		
70	0.1		0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.1			
60			0.1	0.2	0.4	0.9	1.5	1.9	2.2	2.2	1.9	1.5	0.9	0.4	0.2			0.1	
50	0.1		0.1	0.5	1.6	3.2	4.7	5.7	6.3	6.3	5.7	4.7	3.2	1.6	0.5	0.1	0.1		
40			0.2	1.2	3.4	5.5	6.4	6.9	7.2	7.2	6.9	6.4	5.5	3.4	1.2	0.2			
30	0.1		0.5	2.1	4.9	6.3	6.5	7.7	9.3	9.3	7.7	6.5	6.3	4.9	2.1	0.5	0.1		
20			0.7	3.0	6.0	6.8	7.6	13.4	22.8	22.8	13.4	7.6	6.8	6.0	3.0	0.7			
10	0.2		0.9	3.7	6.6	7.0	9.4	25.5	472.6	472.6	25.5	9.4	7.0	6.6	3.7	0.9	0.2		
0			1.1	4.0	6.9	7.3	9.7	27.5	689.1	689.1	27.5	9.7	7.3	6.9	4.0	1.1			
-10	0.3		1.2	4.1	7.3	7.9	8.8	16.0	30.7	30.7	16.0	8.8	7.9	7.3	4.1	1.2	0.3		
-20			1.1	3.9	7.4	8.8	8.8	10.3	12.6	12.6	10.3	8.8	8.8	7.4	3.9	1.1			
-30	0.4		1.0	3.5	7.1	9.7	10.6	11.0	11.1	11.1	11.0	10.6	9.7	7.1	3.5	1.0	0.4		
-40			0.9	2.8	6.0	9.4	11.4	12.8	13.4	13.4	12.8	11.4	9.4	6.0	2.8	0.9			
-50	0.3		0.8	2.2	4.7	8.0	10.7	12.5	13.2	13.2	12.5	10.7	8.0	4.7	2.2	0.8	0.3		
-60			0.7	1.9	3.8	6.7	9.4	11.4	12.3	12.3	11.4	9.4	6.7	3.8	1.9	0.7			
-70	0.1		2.2		6.6		12.3		13.6		12.3		6.6		2.2		0.1		
-80																			
-90																			
	-90	-80	-70	-60	-50	-40	-30	-20	-10	0	10	20	30	40	50	60	70	80	90
	Horizontal Angle (degrees)																		

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Luminous Intensity Polar Plot



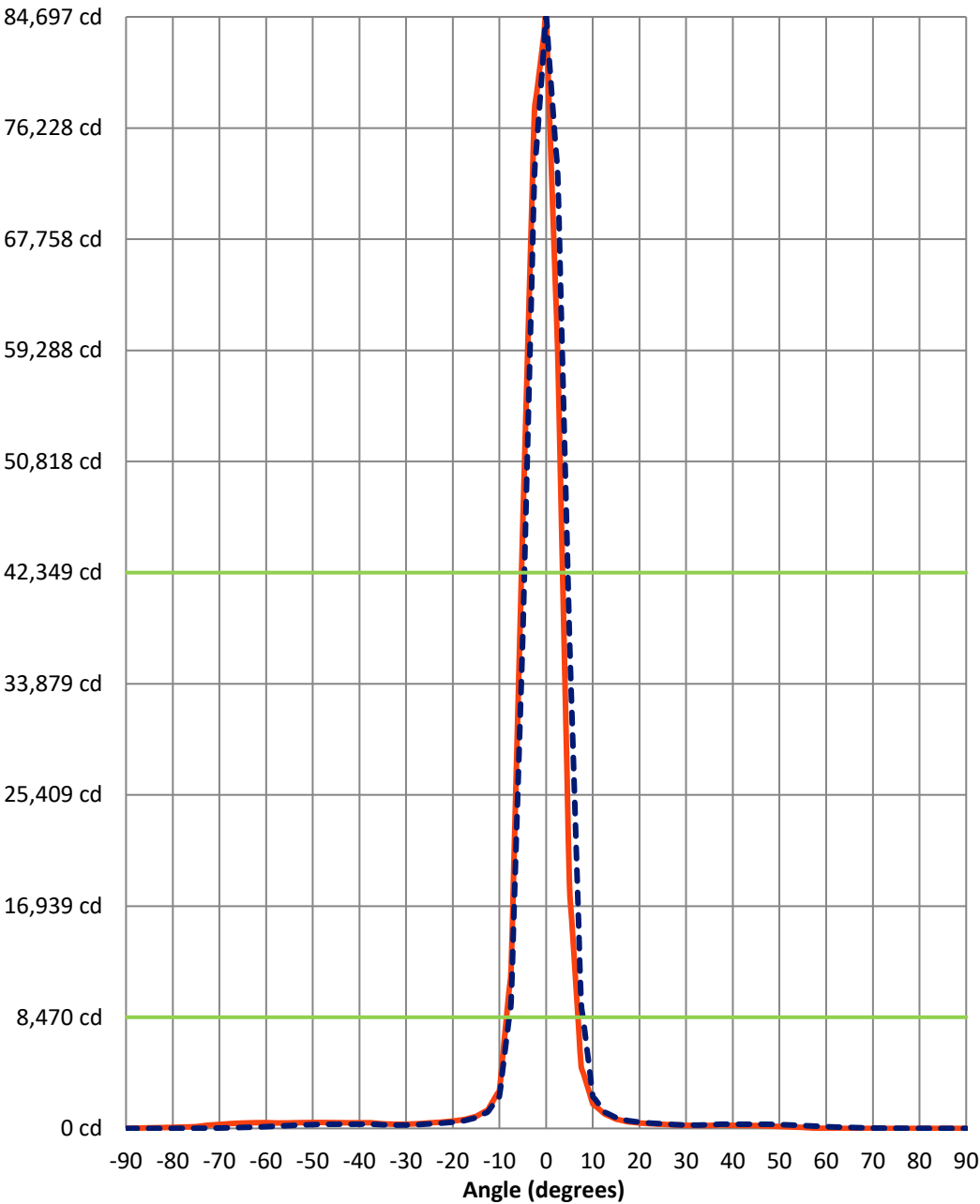
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 0-Deg



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Luminous Intensity Plot



Beam:
H Angle: 9.3°
V Angle: 8.8°
Lumens: 1305.5
Efficiency: 36.3%

Field:
H Angle: 15.8°
V Angle: 15.3°
Lumens: 2081.3
Efficiency: 57.8%

Spill:
Lumens: 1518.8
Efficiency: 42.2%

— 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	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
85°	0.0	0.8	0.8	1.7	1.7	1.7	2.5	3.3	4.2	4.2	5.0
82.5°	0.0	0.8	0.8	1.7	1.7	2.5	2.5	4.2	5.0	5.8	7.5
80°	0.8	0.8	0.8	1.7	1.7	2.5	2.5	3.3	4.2	5.8	6.6
77.5°	0.0	0.8	0.8	0.8	1.7	1.7	1.7	2.5	3.3	4.2	5.0
75°	0.0	0.8	0.8	0.8	1.7	1.7	1.7	1.7	2.5	2.5	3.3
72.5°	0.0	0.0	0.0	0.8	0.8	1.7	1.7	1.7	2.5	2.5	2.5
70°	0.0	0.0	0.0	0.8	0.8	1.7	1.7	1.7	2.5	2.5	2.5
67.5°	0.0	0.0	0.0	0.8	0.8	1.7	1.7	1.7	2.5	2.5	2.5
65°	0.0	0.0	0.0	0.8	0.8	1.7	1.7	2.5	2.5	2.5	2.5
62.5°	0.8	0.8	0.8	1.7	2.5	2.5	3.3	4.2	4.2	4.2	4.2
60°	8.3	9.1	10.0	10.0	9.1	9.1	10.0	10.0	10.0	10.0	10.0
57.5°	22.4	24.1	24.9	24.9	24.9	24.1	27.4	28.3	24.9	23.3	25.8
55°	78.1	80.6	79.0	76.5	71.5	65.7	64.0	63.2	64.0	59.8	53.2
52.5°	113.9	116.3	115.5	113.9	110.5	106.4	103.1	99.7	96.4	89.8	82.3
50°	147.9	148.8	147.9	146.3	142.9	138.8	132.1	124.7	118.0	116.3	109.7
47.5°	186.2	188.7	188.7	187.8	185.3	177.8	167.9	157.1	152.1	150.4	143.8
45°	220.2	221.9	222.7	223.6	222.7	215.2	206.1	200.3	189.5	186.2	186.2
42.5°	229.4	230.2	231.0	231.9	234.4	228.5	221.1	211.1	208.6	207.8	206.1
40°	232.7	231.0	231.9	232.7	233.5	229.4	223.6	217.7	216.1	214.4	214.4
37.5°	264.3	256.8	251.0	246.0	241.8	237.7	231.9	226.9	222.7	219.4	222.7
35°	225.2	225.2	231.0	236.0	241.0	246.0	246.8	241.0	231.9	227.7	233.5
32.5°	230.2	230.2	230.2	231.9	233.5	237.7	241.8	244.3	251.0	243.5	243.5
30°	235.2	236.0	237.7	238.5	236.0	234.4	232.7	232.7	236.9	247.7	253.5
27.5°	264.3	264.3	261.8	258.5	251.0	239.3	233.5	225.2	226.1	231.0	245.2
25°	311.6	310.0	304.2	295.9	282.6	265.9	250.2	232.7	225.2	222.7	228.5
22.5°	356.5	354.0	346.6	339.1	328.3	311.6	285.1	258.5	235.2	225.2	222.7
20°	413.9	408.1	399.7	388.1	370.7	354.0	330.8	295.9	261.8	236.0	226.1
17.5°	506.1	498.6	482.8	462.1	432.2	406.4	373.1	339.9	301.7	260.1	237.7
15°	708.1	689.0	661.5	604.2	545.2	496.1	446.3	390.6	351.5	296.7	262.6
12.5°	1113.6	1061.3	981.5	847.7	715.5	601.7	521.1	449.6	386.4	335.8	287.5
10°	1884.9	1772.7	1552.4	1186.8	943.3	733.8	589.2	493.7	413.9	361.5	308.3
7.5°	4767.0	3888.6	2751.7	1879.0	1234.1	896.7	674.0	535.2	443.0	378.1	324.9
5°	18579.3	15304.9	8164.4	3407.4	1856.6	1084.5	750.5	568.4	462.1	390.6	337.4
2.5°	58965.0	50920.3	26715.5	7335.0	2279.6	1221.7	802.8	589.2	472.9	399.7	346.6
0°	84697.3	72588.6	37493.6	9647.0	2472.4	1256.6	819.4	593.4	474.5	401.4	346.6
-2.5°	77483.6	67813.3	36218.7	8977.2	2526.4	1266.5	832.7	607.5	487.0	408.9	349.0
-5°	46040.2	40384.0	25265.2	6400.9	2244.7	1176.0	797.8	595.0	478.7	404.7	347.4
-7.5°	12130.2	10501.4	6907.8	3340.1	1452.7	994.8	733.0	574.3	467.9	397.2	340.7
-10°	2924.5	2771.6	2475.7	1517.5	1131.1	831.1	649.9	536.9	446.3	387.3	329.9
-12.5°	1410.3	1377.1	1249.9	1030.5	839.4	690.6	588.4	497.8	426.3	369.8	315.0
-15°	917.5	898.4	855.2	771.2	674.0	602.5	531.1	457.9	401.4	344.1	302.5
-17.5°	679.0	678.2	656.5	625.0	576.8	523.6	471.2	424.7	369.8	320.8	289.2
-20°	562.6	562.6	550.2	529.4	495.3	460.4	425.5	382.3	337.4	300.8	287.5

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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°	477.9	478.7	472.0	458.7	440.5	411.4	377.3	342.4	310.0	296.7	292.5
-25°	423.0	421.4	413.9	401.4	382.3	359.0	336.6	313.3	304.2	300.8	306.7
-27.5°	358.2	360.7	357.4	351.5	339.1	322.5	317.5	310.8	312.5	317.5	339.9
-30°	320.0	322.5	325.8	328.3	324.1	320.0	321.6	326.6	337.4	356.5	364.8
-32.5°	320.0	320.8	325.8	330.8	333.3	336.6	345.7	362.3	378.1	373.1	371.5
-35°	349.0	346.6	353.2	359.9	369.0	380.6	390.6	387.3	381.5	379.8	381.5
-37.5°	432.2	416.4	409.7	405.6	403.1	401.4	398.9	396.4	393.9	392.3	394.8
-40°	431.3	427.2	423.0	419.7	417.2	413.9	412.2	411.4	408.9	407.2	405.6
-42.5°	429.7	431.3	431.3	430.5	431.3	430.5	428.0	424.7	420.5	417.2	413.9
-45°	442.1	443.0	444.6	446.3	448.8	445.5	440.5	434.6	428.8	423.8	419.7
-47.5°	449.6	450.4	452.1	454.6	456.3	452.9	446.3	438.8	429.7	421.4	413.0
-50°	452.1	454.6	455.4	455.4	454.6	450.4	440.5	429.7	419.7	411.4	403.9
-52.5°	440.5	443.0	443.8	442.1	441.3	437.1	428.0	418.0	407.2	401.4	394.8
-55°	421.4	424.7	427.2	427.2	427.2	426.3	418.0	408.9	400.6	393.9	387.3
-57.5°	413.9	419.7	424.7	425.5	426.3	427.2	421.4	412.2	402.2	392.3	384.0
-60°	441.3	446.3	448.8	445.5	443.0	440.5	431.3	420.5	410.5	400.6	384.8
-62.5°	433.8	442.1	446.3	443.8	440.5	436.3	426.3	413.9	402.2	391.4	375.6
-65°	409.7	417.2	422.2	418.0	413.0	407.2	398.1	386.4	375.6	364.8	350.7
-67.5°	369.0	379.8	388.1	379.0	372.3	364.8	357.4	347.4	336.6	324.1	310.8
-70°	305.0	313.3	320.8	318.3	316.6	315.0	310.0	300.0	290.9	280.9	269.3
-72.5°	245.2	252.6	259.3	255.1	251.8	246.8	239.3	228.5	217.7	206.9	196.1
-75°	135.5	138.0	140.5	139.6	139.6	139.6	139.6	140.5	138.8	136.3	131.3
-77.5°	103.9	107.2	109.7	111.4	113.9	117.2	119.7	115.5	111.4	107.2	102.2
-80°	81.4	84.8	87.3	96.4	103.1	110.5	115.5	109.7	103.9	98.9	94.7
-82.5°	61.5	64.0	66.5	71.5	74.8	79.0	82.3	82.3	81.4	80.6	78.1
-85°	44.9	48.2	51.5	53.2	55.7	55.7	56.5	53.2	49.9	47.4	44.0
-87.5°	25.8	26.6	26.6	26.6	27.4	27.4	27.4	25.8	24.9	23.3	22.4
-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°	0.8	0.8	0.8	1.7	1.7	2.5	2.5	3.3	3.3	4.2	4.2
85°	5.0	5.0	5.0	5.8	5.8	6.6	7.5	8.3	9.1	9.1	10.0
82.5°	8.3	9.1	10.0	10.8	11.6	12.5	13.3	14.1	16.6	18.3	19.1
80°	8.3	9.1	11.6	13.3	15.0	16.6	16.6	16.6	16.6	17.5	19.1
77.5°	5.8	6.6	7.5	9.1	13.3	16.6	19.1	20.8	19.1	18.3	16.6
75°	3.3	4.2	5.0	5.8	8.3	11.6	15.8	19.9	23.3	22.4	20.8
72.5°	3.3	3.3	4.2	5.0	5.8	6.6	7.5	11.6	16.6	20.8	23.3
70°	3.3	4.2	4.2	5.0	5.8	6.6	7.5	9.1	11.6	16.6	21.6
67.5°	3.3	4.2	4.2	5.8	7.5	8.3	9.1	8.3	7.5	10.8	15.8
65°	3.3	3.3	4.2	5.0	5.8	6.6	9.1	9.1	8.3	8.3	8.3
62.5°	5.0	5.0	5.0	5.0	5.8	5.8	5.8	7.5	7.5	7.5	7.5
60°	10.0	9.1	9.1	9.1	9.1	7.5	7.5	7.5	6.6	7.5	6.6
57.5°	24.1	19.9	18.3	18.3	15.8	15.0	12.5	9.1	9.1	7.5	7.5
55°	49.0	46.5	39.1	32.4	29.1	25.8	19.9	16.6	12.5	10.0	9.1
52.5°	75.6	69.0	62.3	54.0	45.7	39.1	33.2	25.8	20.8	15.0	11.6
50°	98.9	93.1	85.6	76.5	65.7	57.3	49.0	39.1	30.7	23.3	16.6
47.5°	134.6	123.0	113.9	103.1	90.6	79.0	68.1	56.5	43.2	34.1	25.8
45°	172.9	156.2	143.8	133.8	117.2	101.4	88.9	76.5	60.7	44.9	34.9
42.5°	199.5	187.0	170.4	157.1	142.1	125.5	108.9	95.6	79.0	60.7	44.9
40°	213.6	205.3	192.0	180.3	164.6	146.3	128.8	115.5	98.1	78.1	56.5
37.5°	224.4	220.2	213.6	204.4	189.5	167.9	150.4	134.6	119.7	96.4	73.1
35°	236.9	236.0	231.9	227.7	215.2	194.5	173.7	155.4	137.1	115.5	89.8
32.5°	248.5	247.7	245.2	243.5	238.5	220.2	197.8	177.0	156.2	133.8	105.5
30°	254.3	252.6	252.6	254.3	249.3	237.7	221.1	198.6	175.4	148.8	122.2
27.5°	254.3	252.6	253.5	256.0	255.1	249.3	236.9	218.6	192.8	162.9	137.1
25°	243.5	251.8	251.8	255.1	256.0	254.3	247.7	236.0	209.4	177.8	148.8
22.5°	228.5	248.5	256.0	255.1	256.0	260.1	261.0	250.2	225.2	192.8	160.4
20°	228.5	242.7	264.3	258.5	260.1	269.3	273.4	264.3	241.8	206.9	172.0
17.5°	233.5	242.7	261.0	270.1	272.6	280.1	286.7	280.9	256.8	221.9	187.8
15°	247.7	246.0	258.5	280.9	285.1	290.9	298.4	291.7	270.1	238.5	202.8
12.5°	257.6	248.5	258.5	282.6	295.9	301.7	304.2	299.2	281.7	253.5	217.7
10°	270.9	255.1	260.1	280.9	300.0	304.2	306.7	305.0	292.5	265.9	231.0
7.5°	280.9	258.5	258.5	278.4	304.2	307.5	309.2	310.8	301.7	276.7	242.7
5°	285.1	258.5	256.8	275.9	308.3	311.6	311.6	314.1	308.3	285.1	251.0
2.5°	285.9	257.6	255.1	274.3	315.8	315.8	314.1	316.6	313.3	290.0	256.8
0°	290.0	256.8	254.3	276.7	324.1	320.8	316.6	317.5	315.8	292.5	260.1
-2.5°	290.0	261.0	257.6	278.4	323.3	322.5	320.8	321.6	320.0	300.0	266.8
-5°	294.2	266.8	263.4	285.9	322.5	324.9	325.8	325.8	323.3	305.0	270.9
-7.5°	295.0	270.9	270.1	293.4	324.1	328.3	330.8	332.4	327.4	308.3	274.3
-10°	290.9	272.6	276.7	302.5	325.8	331.6	336.6	339.1	330.8	310.0	275.9
-12.5°	281.7	272.6	283.4	314.1	329.9	336.6	344.1	344.9	334.1	310.8	276.7
-15°	280.9	279.2	295.0	325.8	332.4	340.7	352.4	349.9	336.6	310.8	276.7
-17.5°	280.1	288.4	312.5	329.9	336.6	345.7	354.9	352.4	338.2	310.8	275.1
-20°	287.5	303.3	333.3	334.1	341.6	351.5	356.5	351.5	335.8	308.3	272.6

REPORT NUMBER: P723604

CATALOG NUMBER: IFLD-S-SA2A-722-U-11-VI

CANDELA DISTRIBUTION (continued):

	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°	47.5°	50°	52.5°
-22.5°	300.0	329.9	339.9	343.2	349.9	357.4	359.9	352.4	333.3	304.2	268.4
-25°	331.6	346.6	346.6	354.0	360.7	364.0	361.5	353.2	329.9	300.0	264.3
-27.5°	355.7	354.9	359.0	366.5	372.3	372.3	365.7	349.0	324.9	295.9	258.5
-30°	364.8	365.7	371.5	379.8	381.5	377.3	367.3	345.7	320.8	289.2	251.0
-32.5°	374.0	377.3	384.8	388.9	389.8	381.5	363.2	339.9	314.1	281.7	242.7
-35°	384.8	391.4	395.6	396.4	392.3	378.1	357.4	332.4	304.2	270.9	235.2
-37.5°	398.9	402.2	404.7	401.4	389.8	373.1	347.4	322.5	295.0	259.3	224.4
-40°	408.1	409.7	410.5	399.7	385.6	361.5	336.6	310.8	279.2	246.0	212.8
-42.5°	413.9	412.2	405.6	393.9	373.1	349.9	325.8	296.7	265.1	232.7	200.3
-45°	412.2	406.4	396.4	382.3	360.7	337.4	309.2	280.1	250.2	218.6	186.2
-47.5°	405.6	396.4	384.0	367.3	347.4	319.1	290.9	262.6	233.5	202.8	172.9
-50°	397.2	386.4	371.5	350.7	324.1	298.4	272.6	245.2	215.2	187.0	160.4
-52.5°	388.1	376.5	357.4	334.1	305.0	278.4	253.5	226.9	199.5	172.9	149.6
-55°	378.1	366.5	344.9	318.3	289.2	260.1	236.0	213.6	187.0	161.2	140.5
-57.5°	373.1	358.2	335.8	309.2	278.4	248.5	227.7	203.6	179.5	152.9	133.0
-60°	369.0	354.0	333.3	302.5	273.4	245.2	221.1	197.8	172.0	147.1	127.2
-62.5°	357.4	341.6	322.5	292.5	264.3	238.5	216.9	189.5	164.6	141.3	123.0
-65°	334.1	317.5	300.8	274.3	248.5	224.4	202.8	177.8	154.6	134.6	118.8
-67.5°	297.5	283.4	268.4	246.0	224.4	202.8	182.8	161.2	142.1	128.0	119.7
-70°	256.8	241.8	226.9	208.6	190.3	172.9	157.1	141.3	128.8	121.3	114.7
-72.5°	187.0	180.3	172.9	158.7	143.8	133.0	125.5	118.8	109.7	103.1	98.9
-75°	124.7	115.5	103.9	98.9	99.7	98.1	93.9	88.9	84.8	82.3	76.5
-77.5°	97.2	92.2	86.4	80.6	78.1	75.6	72.3	68.1	64.8	59.0	50.7
-80°	89.8	85.6	81.4	77.3	73.1	67.3	60.7	54.0	50.7	48.2	47.4
-82.5°	74.0	69.0	64.0	59.8	54.0	49.9	45.7	42.4	42.4	41.6	40.7
-85°	42.4	40.7	38.2	36.6	34.9	32.4	29.9	28.3	27.4	26.6	25.8
-87.5°	21.6	20.8	19.1	18.3	17.5	16.6	15.0	14.1	13.3	13.3	12.5
-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: P723604

CATALOG NUMBER: IFLD-S-SA2A-722-U-11-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°	4.2	4.2	3.3	3.3	3.3	2.5	1.7	1.7	0.8	0.8	0.0
85°	10.0	8.3	7.5	6.6	6.6	5.0	3.3	2.5	1.7	0.8	0.8
82.5°	19.1	16.6	14.1	12.5	10.0	7.5	5.8	4.2	2.5	1.7	0.8
80°	21.6	21.6	20.8	17.5	14.1	10.8	7.5	5.0	3.3	2.5	1.7
77.5°	16.6	18.3	18.3	18.3	17.5	13.3	9.1	5.8	3.3	2.5	1.7
75°	19.1	16.6	15.8	16.6	15.8	13.3	10.8	6.6	4.2	3.3	1.7
72.5°	23.3	19.9	17.5	16.6	15.0	12.5	10.0	7.5	4.2	3.3	2.5
70°	21.6	20.8	19.1	17.5	15.0	12.5	10.0	7.5	5.0	3.3	2.5
67.5°	19.1	19.1	19.1	17.5	15.0	11.6	9.1	6.6	5.0	3.3	2.5
65°	13.3	15.8	17.5	16.6	15.0	11.6	9.1	6.6	5.0	4.2	2.5
62.5°	8.3	10.8	14.1	15.8	14.1	11.6	8.3	6.6	5.0	4.2	2.5
60°	7.5	8.3	10.0	12.5	13.3	10.8	8.3	5.8	5.0	4.2	2.5
57.5°	7.5	7.5	8.3	10.0	10.8	10.0	7.5	5.0	5.0	4.2	3.3
55°	8.3	7.5	7.5	8.3	9.1	9.1	7.5	5.0	5.0	4.2	3.3
52.5°	10.0	8.3	7.5	7.5	7.5	8.3	6.6	5.0	5.0	4.2	3.3
50°	12.5	10.0	9.1	7.5	7.5	7.5	6.6	5.0	4.2	4.2	3.3
47.5°	16.6	13.3	10.0	9.1	7.5	6.6	5.8	5.0	4.2	4.2	3.3
45°	24.9	15.8	13.3	10.0	8.3	7.5	6.6	5.0	4.2	4.2	3.3
42.5°	34.1	23.3	16.6	11.6	9.1	7.5	6.6	5.8	4.2	4.2	3.3
40°	43.2	31.6	20.8	15.0	10.8	8.3	6.6	5.8	5.0	4.2	3.3
37.5°	53.2	39.1	27.4	19.1	12.5	9.1	7.5	5.8	5.0	4.2	3.3
35°	65.7	49.0	34.1	23.3	15.0	10.8	8.3	5.8	5.0	4.2	3.3
32.5°	79.8	58.2	40.7	28.3	19.1	13.3	9.1	6.6	5.0	4.2	3.3
30°	93.1	69.0	48.2	34.1	23.3	15.0	10.0	6.6	5.0	4.2	2.5
27.5°	106.4	79.8	57.3	39.9	28.3	17.5	10.8	7.5	5.0	4.2	3.3
25°	119.7	90.6	66.5	45.7	32.4	20.8	13.3	8.3	5.0	4.2	3.3
22.5°	131.3	101.4	74.8	52.4	37.4	24.1	15.0	9.1	5.8	4.2	3.3
20°	144.6	113.0	83.9	59.8	41.6	27.4	16.6	10.0	5.8	4.2	3.3
17.5°	157.1	124.7	93.1	66.5	46.5	30.7	19.1	10.8	6.6	4.2	3.3
15°	169.5	135.5	101.4	73.1	51.5	34.1	20.8	11.6	7.5	4.2	3.3
12.5°	181.2	145.4	108.9	79.0	55.7	37.4	22.4	12.5	8.3	4.2	3.3
10°	192.0	154.6	116.3	83.9	59.8	39.9	24.1	14.1	9.1	4.2	3.3
7.5°	202.8	162.1	122.2	88.9	64.8	43.2	25.8	15.0	10.0	5.0	3.3
5°	209.4	168.7	127.2	93.1	69.0	46.5	27.4	15.8	10.8	5.0	3.3
2.5°	215.2	173.7	130.5	97.2	73.1	49.0	27.4	16.6	11.6	5.0	3.3
0°	218.6	177.0	133.0	99.7	76.5	50.7	28.3	17.5	12.5	5.0	3.3
-2.5°	226.1	182.8	138.8	103.1	79.8	55.7	29.9	18.3	13.3	5.8	3.3
-5°	231.0	186.2	142.9	106.4	82.3	60.7	32.4	19.9	15.0	7.5	4.2
-7.5°	235.2	189.5	146.3	108.0	84.8	62.3	33.2	20.8	15.8	8.3	4.2
-10°	236.0	191.1	148.8	110.5	86.4	64.8	34.1	21.6	16.6	9.1	4.2
-12.5°	236.9	192.8	149.6	112.2	88.1	66.5	34.9	22.4	17.5	10.0	4.2
-15°	236.0	192.0	149.6	113.9	88.9	64.8	36.6	23.3	18.3	10.8	4.2
-17.5°	234.4	191.1	148.8	113.0	88.1	63.2	37.4	24.9	18.3	11.6	5.0
-20°	231.9	188.7	147.1	112.2	87.3	61.5	38.2	25.8	19.1	11.6	5.0

REPORT NUMBER: P723604

CATALOG NUMBER: IFLD-S-SA2A-722-U-11-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	227.7	184.5	143.8	109.7	85.6	59.8	38.2	27.4	19.9	11.6	5.0
-25°	222.7	180.3	140.5	106.4	83.1	57.3	38.2	28.3	20.8	11.6	5.0
-27.5°	216.9	176.2	135.5	103.9	79.8	55.7	38.2	29.1	21.6	11.6	5.0
-30°	210.3	170.4	131.3	99.7	77.3	55.7	39.1	29.9	22.4	11.6	5.0
-32.5°	203.6	164.6	126.3	96.4	74.0	54.9	39.1	30.7	23.3	10.8	5.8
-35°	196.1	157.9	122.2	93.9	71.5	53.2	39.9	30.7	22.4	10.8	5.8
-37.5°	187.0	149.6	118.0	91.4	69.8	51.5	39.9	31.6	21.6	10.8	5.8
-40°	177.0	142.9	113.0	88.1	67.3	50.7	39.9	31.6	20.8	10.8	6.6
-42.5°	166.2	135.5	108.0	84.8	64.8	49.9	39.9	31.6	19.9	10.8	6.6
-45°	156.2	128.0	102.2	80.6	62.3	49.9	39.9	30.7	18.3	11.6	6.6
-47.5°	145.4	119.7	95.6	76.5	61.5	49.0	39.1	29.1	16.6	11.6	6.6
-50°	136.3	111.4	90.6	72.3	59.8	49.9	39.9	26.6	16.6	11.6	6.6
-52.5°	127.2	105.5	84.8	70.6	58.2	50.7	39.1	24.9	16.6	11.6	6.6
-55°	119.7	99.7	81.4	68.1	59.8	52.4	37.4	22.4	16.6	11.6	6.6
-57.5°	113.9	96.4	79.0	69.0	62.3	50.7	34.9	21.6	16.6	10.8	6.6
-60°	109.7	93.1	79.8	72.3	63.2	48.2	33.2	21.6	16.6	10.8	5.8
-62.5°	106.4	93.9	83.9	74.8	59.8	44.9	31.6	21.6	15.0	10.0	5.8
-65°	107.2	97.2	85.6	71.5	57.3	41.6	29.1	20.8	14.1	9.1	5.8
-67.5°	109.7	94.7	80.6	67.3	51.5	37.4	26.6	19.1	13.3	9.1	5.8
-70°	101.4	87.3	73.1	57.3	44.0	32.4	24.9	17.5	11.6	8.3	5.8
-72.5°	91.4	73.1	58.2	46.5	37.4	29.9	22.4	15.8	10.8	7.5	5.0
-75°	66.5	53.2	43.2	39.1	33.2	26.6	19.9	14.1	10.0	7.5	5.0
-77.5°	47.4	44.0	39.9	35.7	29.9	23.3	17.5	13.3	9.1	6.6	4.2
-80°	46.5	42.4	37.4	30.7	24.9	19.9	15.0	11.6	8.3	5.8	3.3
-82.5°	39.1	33.2	28.3	23.3	19.1	15.8	12.5	9.1	6.6	4.2	2.5
-85°	24.1	20.8	18.3	15.8	13.3	10.8	8.3	5.8	4.2	2.5	1.7
-87.5°	11.6	10.8	9.1	7.5	6.6	5.0	4.2	3.3	2.5	1.7	0.8
-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: P723604

CATALOG NUMBER: IFLD-S-SA2A-722-U-11-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°	0.8	0.0	0.0	0.0
80°	0.8	0.0	0.0	0.0
77.5°	0.8	0.0	0.0	0.0
75°	0.8	0.8	0.0	0.0
72.5°	0.8	0.8	0.0	0.0
70°	1.7	0.8	0.8	0.0
67.5°	1.7	0.8	0.8	0.0
65°	1.7	0.8	0.8	0.0
62.5°	1.7	0.8	0.8	0.0
60°	1.7	0.8	0.8	0.0
57.5°	1.7	0.8	0.8	0.0
55°	1.7	0.8	0.8	0.0
52.5°	1.7	0.8	0.8	0.0
50°	1.7	0.8	0.8	0.0
47.5°	1.7	1.7	0.8	0.0
45°	1.7	1.7	0.8	0.0
42.5°	1.7	1.7	0.8	0.0
40°	1.7	1.7	0.8	0.0
37.5°	1.7	1.7	0.8	0.0
35°	1.7	1.7	0.8	0.0
32.5°	2.5	1.7	0.8	0.0
30°	2.5	1.7	1.7	0.0
27.5°	2.5	1.7	1.7	0.0
25°	2.5	1.7	1.7	0.0
22.5°	2.5	1.7	1.7	0.0
20°	2.5	1.7	1.7	0.0
17.5°	2.5	1.7	1.7	0.0
15°	2.5	1.7	1.7	0.0
12.5°	2.5	1.7	1.7	0.0
10°	2.5	1.7	1.7	0.0
7.5°	2.5	1.7	1.7	0.0
5°	2.5	1.7	1.7	0.0
2.5°	2.5	1.7	1.7	0.0
0°	2.5	1.7	1.7	0.0
-2.5°	2.5	1.7	1.7	0.0
-5°	2.5	1.7	1.7	0.0
-7.5°	2.5	1.7	1.7	0.0
-10°	2.5	1.7	1.7	0.0
-12.5°	3.3	1.7	1.7	0.0
-15°	3.3	1.7	1.7	0.0
-17.5°	3.3	1.7	1.7	0.0
-20°	3.3	1.7	1.7	0.0

REPORT NUMBER: P723604

CATALOG NUMBER: IFLD-S-SA2A-722-U-11-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	3.3	1.7	1.7	0.0
-25°	3.3	1.7	1.7	0.0
-27.5°	3.3	1.7	1.7	0.0
-30°	3.3	1.7	1.7	0.0
-32.5°	3.3	1.7	1.7	0.0
-35°	3.3	1.7	1.7	0.0
-37.5°	3.3	1.7	1.7	0.0
-40°	3.3	1.7	1.7	0.0
-42.5°	2.5	1.7	0.8	0.0
-45°	3.3	1.7	0.8	0.0
-47.5°	3.3	1.7	0.8	0.0
-50°	3.3	1.7	0.8	0.0
-52.5°	3.3	1.7	0.8	0.0
-55°	3.3	1.7	0.8	0.0
-57.5°	3.3	1.7	0.8	0.0
-60°	3.3	1.7	0.8	0.0
-62.5°	3.3	1.7	0.8	0.0
-65°	3.3	1.7	0.8	0.0
-67.5°	3.3	1.7	0.8	0.0
-70°	3.3	0.8	0.8	0.0
-72.5°	2.5	0.8	0.8	0.0
-75°	2.5	0.8	0.8	0.0
-77.5°	1.7	0.8	0.0	0.0
-80°	1.7	0.8	0.0	0.0
-82.5°	1.7	0.8	0.0	0.0
-85°	0.8	0.0	0.0	0.0
-87.5°	0.8	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)