

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: P723633

Luminaire Tested: **IFLD-S-SA2A-727-U-11-VI**

Issue Date: 01/11/2023

Test Information

Test Method: LM-79-2019
Report Number: P723633
Test Lab: INNOVATION CENTER(G2)
Issue Date: 01/11/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA2A-727-U-11-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 1 distribution lens and Visor
Light Source: (32) 2700K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	1H x 1V
Luminaire Lumens:	4087.4 lumens	Max Intensity:	96161.2 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	64.1 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:	1482.2 lumens	Field Lumens:	2363 lumens
Beam Efficiency:	36.3%	Field Efficiency:	57.8%

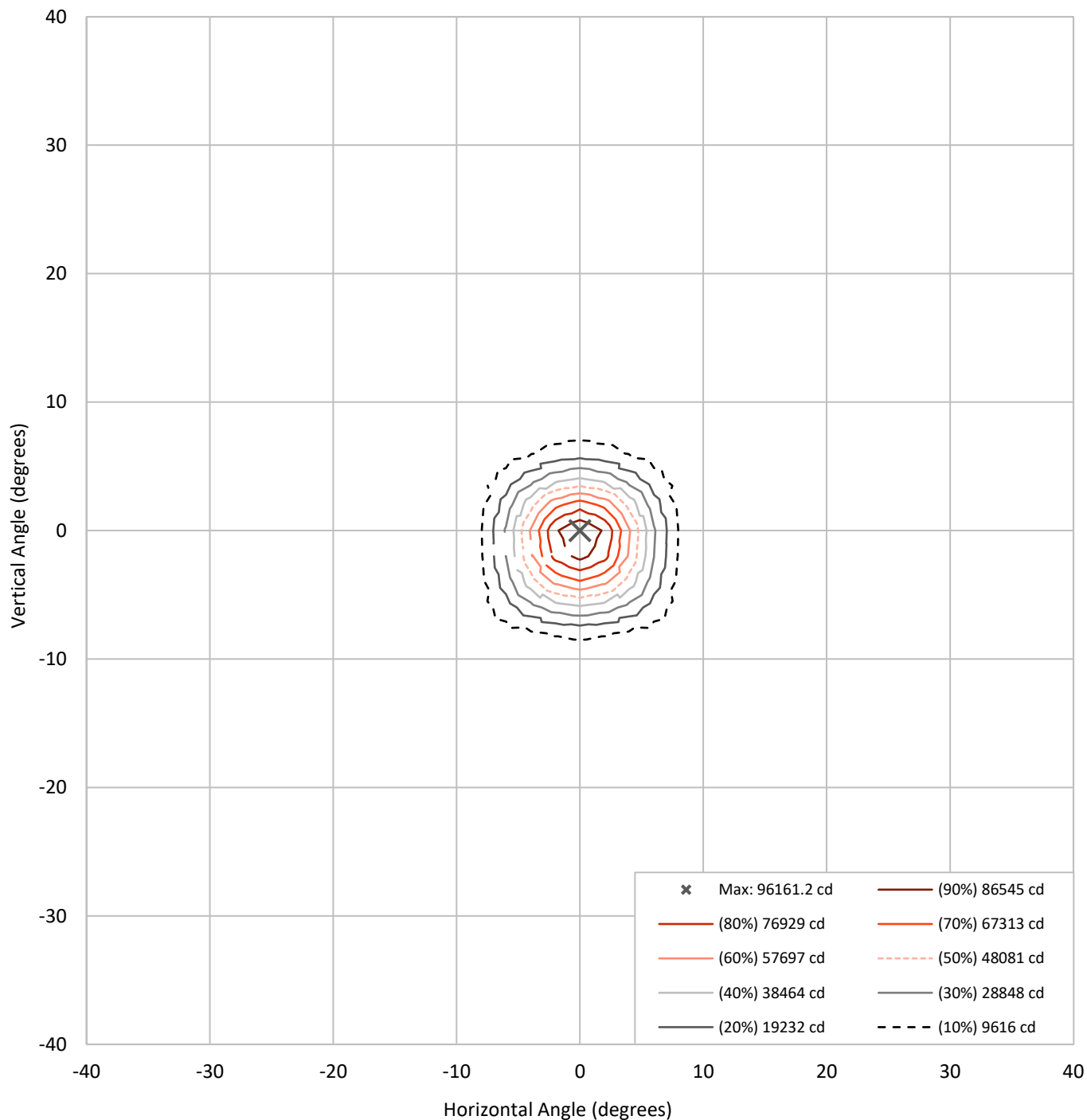
Input Watts (W): 63.8
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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Iso-Candela Plot



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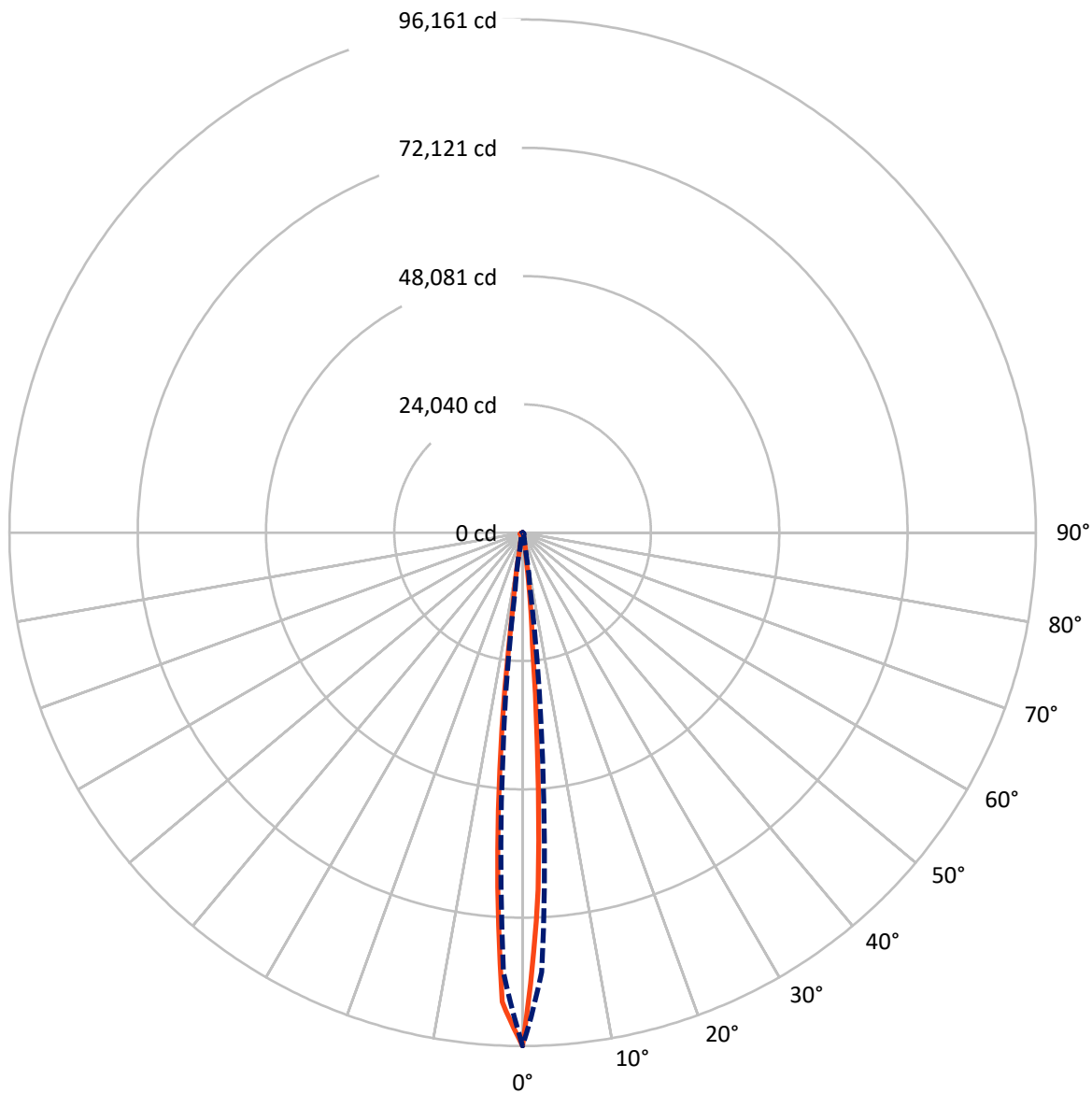
Lumen Table

90																				
80	0.1		0.9		1.0		0.4		0.1		0.4		1.0		0.9		0.1			
70	0.1		0.2	0.3	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.3	0.2	0.1			
60			0.1	0.2	0.5	1.1	1.7	2.2	2.5	2.5	2.2	1.7	1.1	0.5	0.2	0.1				
50	0.1		0.1	0.6	1.9	3.7	5.4	6.5	7.1	7.1	6.5	5.4	3.7	1.9	0.6	0.1	0.1			
40			0.3	1.4	3.8	6.2	7.3	7.9	8.2	8.2	7.9	7.3	6.2	3.8	1.4	0.3				
30	0.2		0.5	2.4	5.6	7.2	7.4	8.7	10.5	10.5	8.7	7.4	7.2	5.6	2.4	0.5	0.2			
20			0.8	3.4	6.8	7.7	8.7	15.2	25.9	25.9	15.2	8.7	7.7	6.8	3.4	0.8				
10	0.3		1.1	4.2	7.5	8.0	10.7	29.0	536.6	536.6	29.0	10.7	8.0	7.5	4.2	1.1	0.3			
0			1.3	4.6	7.9	8.3	11.1	31.2	782.4	782.4	31.2	11.1	8.3	7.9	4.6	1.3				
-10	0.4		1.4	4.7	8.3	8.9	10.0	18.1	34.8	34.8	18.1	10.0	8.9	8.3	4.7	1.4	0.4			
-20			1.3	4.4	8.4	10.0	10.0	11.7	14.3	14.3	11.7	10.0	10.0	8.4	4.4	1.3				
-30	0.4		1.1	3.9	8.0	11.0	12.0	12.5	12.6	12.6	12.5	12.0	11.0	8.0	3.9	1.1	0.4			
-40			1.0	3.2	6.8	10.6	12.9	14.5	15.2	15.2	14.5	12.9	10.6	6.8	3.2	1.0				
-50	0.3		0.9	2.4	5.3	9.1	12.2	14.2	15.0	15.0	14.2	12.2	9.1	5.3	2.4	0.9	0.3			
-60			0.8	2.1	4.3	7.6	10.7	12.9	13.9	13.9	12.9	10.7	7.6	4.3	2.1	0.8				
-70	0.2																0.2			
-80			2.5		7.5		13.9		15.4		13.9		7.5		2.5					
-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



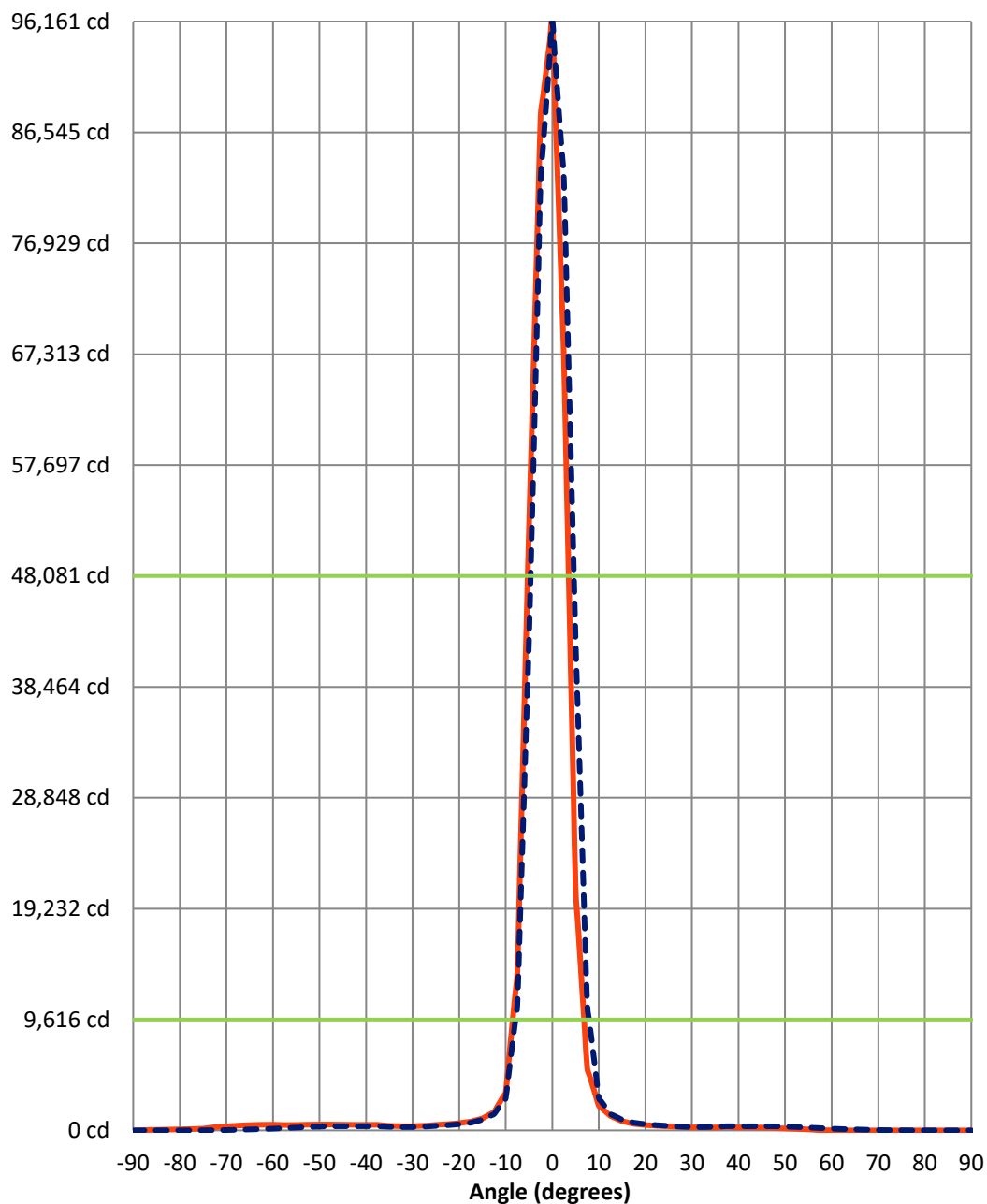
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 0-Deg

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Luminous Intensity Plot



Beam:

H Angle: 9.3°

V Angle: 8.8°

Lumens: 1482.2

Efficiency: 36.3%

Field:

H Angle: 15.8°

V Angle: 15.3°

Lumens: 2363

Efficiency: 57.8%

Spill:

Lumens: 1724.4

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	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
85°	0.0	0.9	0.9	1.9	1.9	1.9	2.8	3.8	4.7	4.7	5.7
82.5°	0.0	0.9	0.9	1.9	1.9	2.8	2.8	4.7	5.7	6.6	8.5
80°	0.9	0.9	0.9	1.9	1.9	2.8	2.8	3.8	4.7	6.6	7.5
77.5°	0.0	0.9	0.9	0.9	1.9	1.9	1.9	2.8	3.8	4.7	5.7
75°	0.0	0.9	0.9	0.9	1.9	1.9	1.9	1.9	2.8	2.8	3.8
72.5°	0.0	0.0	0.0	0.9	0.9	1.9	1.9	1.9	2.8	2.8	2.8
70°	0.0	0.0	0.0	0.9	0.9	1.9	1.9	1.9	2.8	2.8	2.8
67.5°	0.0	0.0	0.0	0.9	0.9	1.9	1.9	1.9	2.8	2.8	2.8
65°	0.0	0.0	0.0	0.9	0.9	1.9	1.9	2.8	2.8	2.8	2.8
62.5°	0.9	0.9	0.9	1.9	2.8	2.8	3.8	4.7	4.7	4.7	4.7
60°	9.4	10.4	11.3	11.3	10.4	10.4	11.3	11.3	11.3	11.3	11.3
57.5°	25.5	27.4	28.3	28.3	28.3	27.4	31.1	32.1	28.3	26.4	29.3
55°	88.7	91.5	89.6	86.8	81.1	74.5	72.7	71.7	72.7	67.9	60.4
52.5°	129.3	132.1	131.2	129.3	125.5	120.8	117.0	113.2	109.5	101.9	93.4
50°	168.0	168.9	168.0	166.1	162.3	157.6	150.0	141.5	134.0	132.1	124.5
47.5°	211.4	214.2	214.2	213.2	210.4	201.9	190.6	178.3	172.7	170.8	163.2
45°	250.0	251.9	252.9	253.8	252.9	244.4	234.0	227.4	215.1	211.4	211.4
42.5°	260.4	261.4	262.3	263.3	266.1	259.5	251.0	239.7	236.8	235.9	234.0
40°	264.2	262.3	263.3	264.2	265.1	260.4	253.8	247.2	245.3	243.4	243.4
37.5°	300.0	291.6	285.0	279.3	274.6	269.9	263.3	257.6	252.9	249.1	252.9
35°	255.7	255.7	262.3	268.0	273.6	279.3	280.2	273.6	263.3	258.5	265.1
32.5°	261.4	261.4	261.4	263.3	265.1	269.9	274.6	277.4	285.0	276.5	276.5
30°	267.0	268.0	269.9	270.8	268.0	266.1	264.2	264.2	268.9	281.2	287.8
27.5°	300.0	300.0	297.2	293.4	285.0	271.7	265.1	255.7	256.6	262.3	278.3
25°	353.8	351.9	345.3	335.9	320.8	301.9	284.0	264.2	255.7	252.9	259.5
22.5°	404.8	402.0	393.5	385.0	372.7	353.8	323.6	293.4	267.0	255.7	252.9
20°	469.9	463.3	453.8	440.6	420.8	402.0	375.5	335.9	297.2	268.0	256.6
17.5°	574.6	566.1	548.2	524.6	490.6	461.4	423.7	385.9	342.5	295.3	269.9
15°	803.9	782.2	751.1	686.0	619.0	563.3	506.7	443.5	399.1	336.8	298.2
12.5°	1264.4	1204.9	1114.3	962.4	812.4	683.1	591.6	510.5	438.8	381.2	326.5
10°	2140.0	2012.6	1762.6	1347.4	1070.9	833.2	669.0	560.5	469.9	410.4	350.1
7.5°	5412.2	4414.9	3124.1	2133.4	1401.2	1018.1	765.2	607.6	502.9	429.3	368.9
5°	21094.1	17376.5	9269.5	3868.6	2107.9	1231.3	852.0	645.4	524.6	443.5	383.1
2.5°	66946.0	57812.4	30331.4	8327.8	2588.2	1387.0	911.5	669.0	536.9	453.8	393.5
0°	96161.2	82413.6	42568.4	10952.8	2807.1	1426.7	930.3	673.7	538.8	455.7	393.5
-2.5°	87971.2	76992.0	41121.0	10192.3	2868.4	1438.0	945.4	689.7	552.9	464.2	396.3
-5°	52271.9	45850.0	28684.9	7267.2	2548.5	1335.1	905.8	675.6	543.5	459.5	394.4
-7.5°	13772.1	11922.7	7842.8	3792.1	1649.3	1129.4	832.2	652.0	531.2	451.0	386.9
-10°	3320.4	3146.7	2810.8	1722.9	1284.2	943.6	737.9	609.5	506.7	439.7	374.6
-12.5°	1601.2	1563.5	1419.1	1170.0	953.0	784.1	668.0	565.2	484.0	419.9	357.6
-15°	1041.7	1020.0	970.9	875.6	765.2	684.1	602.9	519.9	455.7	390.6	343.5
-17.5°	770.9	769.9	745.4	709.6	654.8	594.4	535.0	482.2	419.9	364.2	328.4
-20°	638.8	638.8	624.6	601.0	562.4	522.7	483.1	434.0	383.1	341.6	326.5

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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°	542.5	543.5	535.9	520.8	500.1	467.1	428.4	388.7	351.9	336.8	332.1
-25°	480.3	478.4	469.9	455.7	434.0	407.6	382.1	355.7	345.3	341.6	348.2
-27.5°	406.7	409.5	405.7	399.1	385.0	366.1	360.4	352.9	354.8	360.4	385.9
-30°	363.3	366.1	369.9	372.7	368.0	363.3	365.2	370.8	383.1	404.8	414.2
-32.5°	363.3	364.2	369.9	375.5	378.4	382.1	392.5	411.4	429.3	423.7	421.8
-35°	396.3	393.5	401.0	408.6	418.9	432.1	443.5	439.7	433.1	431.2	433.1
-37.5°	490.6	472.7	465.2	460.5	457.6	455.7	452.9	450.1	447.2	445.4	448.2
-40°	489.7	485.0	480.3	476.5	473.7	469.9	468.0	467.1	464.2	462.3	460.5
-42.5°	487.8	489.7	489.7	488.8	489.7	488.8	485.9	482.2	477.4	473.7	469.9
-45°	502.0	502.9	504.8	506.7	509.5	505.7	500.1	493.5	486.9	481.2	476.5
-47.5°	510.5	511.4	513.3	516.1	518.0	514.2	506.7	498.2	487.8	478.4	468.9
-50°	513.3	516.1	517.1	517.1	516.1	511.4	500.1	487.8	476.5	467.1	458.6
-52.5°	500.1	502.9	503.9	502.0	501.0	496.3	485.9	474.6	462.3	455.7	448.2
-55°	478.4	482.2	485.0	485.0	485.0	484.0	474.6	464.2	454.8	447.2	439.7
-57.5°	469.9	476.5	482.2	483.1	484.0	485.0	478.4	468.0	456.7	445.4	435.9
-60°	501.0	506.7	509.5	505.7	502.9	500.1	489.7	477.4	466.1	454.8	436.9
-62.5°	492.5	502.0	506.7	503.9	500.1	495.4	484.0	469.9	456.7	444.4	426.5
-65°	465.2	473.7	479.3	474.6	468.9	462.3	452.0	438.8	426.5	414.2	398.2
-67.5°	418.9	431.2	440.6	430.3	422.7	414.2	405.7	394.4	382.1	368.0	352.9
-70°	346.3	355.7	364.2	361.4	359.5	357.6	351.9	340.6	330.2	318.9	305.7
-72.5°	278.3	286.8	294.4	289.7	285.9	280.2	271.7	259.5	247.2	234.9	222.7
-75°	153.8	156.6	159.5	158.5	158.5	158.5	158.5	159.5	157.6	154.7	149.1
-77.5°	117.9	121.7	124.5	126.4	129.3	133.0	135.9	131.2	126.4	121.7	116.1
-80°	92.5	96.2	99.1	109.5	117.0	125.5	131.2	124.5	117.9	112.3	107.6
-82.5°	69.8	72.7	75.5	81.1	84.9	89.6	93.4	93.4	92.5	91.5	88.7
-85°	51.0	54.7	58.5	60.4	63.2	63.2	64.2	60.4	56.6	53.8	50.0
-87.5°	29.3	30.2	30.2	30.2	31.1	31.1	31.1	29.3	28.3	26.4	25.5
-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°	0.9	0.9	0.9	1.9	1.9	2.8	2.8	3.8	3.8	4.7	4.7
85°	5.7	5.7	5.7	6.6	6.6	7.5	8.5	9.4	10.4	10.4	11.3
82.5°	9.4	10.4	11.3	12.3	13.2	14.2	15.1	16.0	18.9	20.8	21.7
80°	9.4	10.4	13.2	15.1	17.0	18.9	18.9	18.9	18.9	19.8	21.7
77.5°	6.6	7.5	8.5	10.4	15.1	18.9	21.7	23.6	21.7	20.8	18.9
75°	3.8	4.7	5.7	6.6	9.4	13.2	17.9	22.6	26.4	25.5	23.6
72.5°	3.8	3.8	4.7	5.7	6.6	7.5	8.5	13.2	18.9	23.6	26.4
70°	3.8	4.7	4.7	5.7	6.6	7.5	8.5	10.4	13.2	18.9	24.5
67.5°	3.8	4.7	4.7	6.6	8.5	9.4	10.4	9.4	8.5	12.3	17.9
65°	3.8	3.8	4.7	5.7	6.6	7.5	10.4	10.4	9.4	9.4	9.4
62.5°	5.7	5.7	5.7	5.7	6.6	6.6	6.6	8.5	8.5	8.5	8.5
60°	11.3	10.4	10.4	10.4	10.4	8.5	8.5	8.5	7.5	8.5	7.5
57.5°	27.4	22.6	20.8	20.8	17.9	17.0	14.2	10.4	10.4	8.5	8.5
55°	55.7	52.8	44.3	36.8	33.0	29.3	22.6	18.9	14.2	11.3	10.4
52.5°	85.9	78.3	70.8	61.3	51.9	44.3	37.7	29.3	23.6	17.0	13.2
50°	112.3	105.7	97.2	86.8	74.5	65.1	55.7	44.3	34.9	26.4	18.9
47.5°	152.9	139.6	129.3	117.0	102.8	89.6	77.4	64.2	49.1	38.7	29.3
45°	196.3	177.4	163.2	151.9	133.0	115.1	101.0	86.8	68.9	51.0	39.6
42.5°	226.5	212.3	193.4	178.3	161.3	142.5	123.6	108.5	89.6	68.9	51.0
40°	242.5	233.1	218.0	204.8	186.8	166.1	146.3	131.2	111.3	88.7	64.2
37.5°	254.8	250.0	242.5	232.1	215.1	190.6	170.8	152.9	135.9	109.5	83.0
35°	268.9	268.0	263.3	258.5	244.4	220.8	197.2	176.4	155.7	131.2	101.9
32.5°	282.1	281.2	278.3	276.5	270.8	250.0	224.6	201.0	177.4	151.9	119.8
30°	288.7	286.8	286.8	288.7	283.1	269.9	251.0	225.5	199.1	168.9	138.7
27.5°	288.7	286.8	287.8	290.6	289.7	283.1	268.9	248.2	218.9	184.9	155.7
25°	276.5	285.9	285.9	289.7	290.6	288.7	281.2	268.0	237.8	201.9	168.9
22.5°	259.5	282.1	290.6	289.7	290.6	295.3	296.3	284.0	255.7	218.9	182.1
20°	259.5	275.5	300.0	293.4	295.3	305.7	310.4	300.0	274.6	234.9	195.3
17.5°	265.1	275.5	296.3	306.7	309.5	318.0	325.5	318.9	291.6	251.9	213.2
15°	281.2	279.3	293.4	318.9	323.6	330.2	338.7	331.2	306.7	270.8	230.2
12.5°	292.5	282.1	293.4	320.8	335.9	342.5	345.3	339.7	319.9	287.8	247.2
10°	307.6	289.7	295.3	318.9	340.6	345.3	348.2	346.3	332.1	301.9	262.3
7.5°	318.9	293.4	293.4	316.1	345.3	349.1	351.0	352.9	342.5	314.2	275.5
5°	323.6	293.4	291.6	313.3	350.1	353.8	353.8	356.7	350.1	323.6	285.0
2.5°	324.6	292.5	289.7	311.4	358.5	358.5	356.7	359.5	355.7	329.3	291.6
0°	329.3	291.6	288.7	314.2	368.0	364.2	359.5	360.4	358.5	332.1	295.3
-2.5°	329.3	296.3	292.5	316.1	367.0	366.1	364.2	365.2	363.3	340.6	302.9
-5°	334.0	302.9	299.1	324.6	366.1	368.9	369.9	369.9	367.0	346.3	307.6
-7.5°	335.0	307.6	306.7	333.1	368.0	372.7	375.5	377.4	371.8	350.1	311.4
-10°	330.2	309.5	314.2	343.5	369.9	376.5	382.1	385.0	375.5	351.9	313.3
-12.5°	319.9	309.5	321.8	356.7	374.6	382.1	390.6	391.6	379.3	352.9	314.2
-15°	318.9	317.0	335.0	369.9	377.4	386.9	400.1	397.2	382.1	352.9	314.2
-17.5°	318.0	327.4	354.8	374.6	382.1	392.5	402.9	400.1	384.0	352.9	312.3
-20°	326.5	344.4	378.4	379.3	387.8	399.1	404.8	399.1	381.2	350.1	309.5

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CATALOG NUMBER: IFLD-S-SA2A-727-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°	340.6	374.6	385.9	389.7	397.2	405.7	408.6	400.1	378.4	345.3	304.8
-25°	376.5	393.5	393.5	402.0	409.5	413.3	410.4	401.0	374.6	340.6	300.0
-27.5°	403.8	402.9	407.6	416.1	422.7	422.7	415.2	396.3	368.9	335.9	293.4
-30°	414.2	415.2	421.8	431.2	433.1	428.4	417.1	392.5	364.2	328.4	285.0
-32.5°	424.6	428.4	436.9	441.6	442.5	433.1	412.3	385.9	356.7	319.9	275.5
-35°	436.9	444.4	449.1	450.1	445.4	429.3	405.7	377.4	345.3	307.6	267.0
-37.5°	452.9	456.7	459.5	455.7	442.5	423.7	394.4	366.1	335.0	294.4	254.8
-40°	463.3	465.2	466.1	453.8	437.8	410.4	382.1	352.9	317.0	279.3	241.5
-42.5°	469.9	468.0	460.5	447.2	423.7	397.2	369.9	336.8	301.0	264.2	227.4
-45°	468.0	461.4	450.1	434.0	409.5	383.1	351.0	318.0	284.0	248.2	211.4
-47.5°	460.5	450.1	435.9	417.1	394.4	362.3	330.2	298.2	265.1	230.2	196.3
-50°	451.0	438.8	421.8	398.2	368.0	338.7	309.5	278.3	244.4	212.3	182.1
-52.5°	440.6	427.4	405.7	379.3	346.3	316.1	287.8	257.6	226.5	196.3	169.8
-55°	429.3	416.1	391.6	361.4	328.4	295.3	268.0	242.5	212.3	183.0	159.5
-57.5°	423.7	406.7	381.2	351.0	316.1	282.1	258.5	231.2	203.8	173.6	151.0
-60°	418.9	402.0	378.4	343.5	310.4	278.3	251.0	224.6	195.3	167.0	144.4
-62.5°	405.7	387.8	366.1	332.1	300.0	270.8	246.3	215.1	186.8	160.4	139.6
-65°	379.3	360.4	341.6	311.4	282.1	254.8	230.2	201.9	175.5	152.9	134.9
-67.5°	337.8	321.8	304.8	279.3	254.8	230.2	207.6	183.0	161.3	145.3	135.9
-70°	291.6	274.6	257.6	236.8	216.1	196.3	178.3	160.4	146.3	137.8	130.2
-72.5°	212.3	204.8	196.3	180.2	163.2	151.0	142.5	134.9	124.5	117.0	112.3
-75°	141.5	131.2	117.9	112.3	113.2	111.3	106.6	101.0	96.2	93.4	86.8
-77.5°	110.4	104.7	98.1	91.5	88.7	85.9	82.1	77.4	73.6	67.0	57.6
-80°	101.9	97.2	92.5	87.8	83.0	76.4	68.9	61.3	57.6	54.7	53.8
-82.5°	84.0	78.3	72.7	67.9	61.3	56.6	51.9	48.1	48.1	47.2	46.2
-85°	48.1	46.2	43.4	41.5	39.6	36.8	34.0	32.1	31.1	30.2	29.3
-87.5°	24.5	23.6	21.7	20.8	19.8	18.9	17.0	16.0	15.1	15.1	14.2
-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-SA2A-727-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°	4.7	4.7	3.8	3.8	3.8	2.8	1.9	1.9	0.9	0.9	0.0
85°	11.3	9.4	8.5	7.5	7.5	5.7	3.8	2.8	1.9	0.9	0.9
82.5°	21.7	18.9	16.0	14.2	11.3	8.5	6.6	4.7	2.8	1.9	0.9
80°	24.5	24.5	23.6	19.8	16.0	12.3	8.5	5.7	3.8	2.8	1.9
77.5°	18.9	20.8	20.8	20.8	19.8	15.1	10.4	6.6	3.8	2.8	1.9
75°	21.7	18.9	17.9	18.9	17.9	15.1	12.3	7.5	4.7	3.8	1.9
72.5°	26.4	22.6	19.8	18.9	17.0	14.2	11.3	8.5	4.7	3.8	2.8
70°	24.5	23.6	21.7	19.8	17.0	14.2	11.3	8.5	5.7	3.8	2.8
67.5°	21.7	21.7	21.7	19.8	17.0	13.2	10.4	7.5	5.7	3.8	2.8
65°	15.1	17.9	19.8	18.9	17.0	13.2	10.4	7.5	5.7	4.7	2.8
62.5°	9.4	12.3	16.0	17.9	16.0	13.2	9.4	7.5	5.7	4.7	2.8
60°	8.5	9.4	11.3	14.2	15.1	12.3	9.4	6.6	5.7	4.7	2.8
57.5°	8.5	8.5	9.4	11.3	12.3	11.3	8.5	5.7	5.7	4.7	3.8
55°	9.4	8.5	8.5	9.4	10.4	10.4	8.5	5.7	5.7	4.7	3.8
52.5°	11.3	9.4	8.5	8.5	8.5	9.4	7.5	5.7	5.7	4.7	3.8
50°	14.2	11.3	10.4	8.5	8.5	8.5	7.5	5.7	4.7	4.7	3.8
47.5°	18.9	15.1	11.3	10.4	8.5	7.5	6.6	5.7	4.7	4.7	3.8
45°	28.3	17.9	15.1	11.3	9.4	8.5	7.5	5.7	4.7	4.7	3.8
42.5°	38.7	26.4	18.9	13.2	10.4	8.5	7.5	6.6	4.7	4.7	3.8
40°	49.1	35.9	23.6	17.0	12.3	9.4	7.5	6.6	5.7	4.7	3.8
37.5°	60.4	44.3	31.1	21.7	14.2	10.4	8.5	6.6	5.7	4.7	3.8
35°	74.5	55.7	38.7	26.4	17.0	12.3	9.4	6.6	5.7	4.7	3.8
32.5°	90.6	66.0	46.2	32.1	21.7	15.1	10.4	7.5	5.7	4.7	3.8
30°	105.7	78.3	54.7	38.7	26.4	17.0	11.3	7.5	5.7	4.7	2.8
27.5°	120.8	90.6	65.1	45.3	32.1	19.8	12.3	8.5	5.7	4.7	3.8
25°	135.9	102.8	75.5	51.9	36.8	23.6	15.1	9.4	5.7	4.7	3.8
22.5°	149.1	115.1	84.9	59.4	42.5	27.4	17.0	10.4	6.6	4.7	3.8
20°	164.2	128.3	95.3	67.9	47.2	31.1	18.9	11.3	6.6	4.7	3.8
17.5°	178.3	141.5	105.7	75.5	52.8	34.9	21.7	12.3	7.5	4.7	3.8
15°	192.5	153.8	115.1	83.0	58.5	38.7	23.6	13.2	8.5	4.7	3.8
12.5°	205.7	165.1	123.6	89.6	63.2	42.5	25.5	14.2	9.4	4.7	3.8
10°	218.0	175.5	132.1	95.3	67.9	45.3	27.4	16.0	10.4	4.7	3.8
7.5°	230.2	184.0	138.7	101.0	73.6	49.1	29.3	17.0	11.3	5.7	3.8
5°	237.8	191.5	144.4	105.7	78.3	52.8	31.1	17.9	12.3	5.7	3.8
2.5°	244.4	197.2	148.1	110.4	83.0	55.7	31.1	18.9	13.2	5.7	3.8
0°	248.2	201.0	151.0	113.2	86.8	57.6	32.1	19.8	14.2	5.7	3.8
-2.5°	256.6	207.6	157.6	117.0	90.6	63.2	34.0	20.8	15.1	6.6	3.8
-5°	262.3	211.4	162.3	120.8	93.4	68.9	36.8	22.6	17.0	8.5	4.7
-7.5°	267.0	215.1	166.1	122.7	96.2	70.8	37.7	23.6	17.9	9.4	4.7
-10°	268.0	217.0	168.9	125.5	98.1	73.6	38.7	24.5	18.9	10.4	4.7
-12.5°	268.9	218.9	169.8	127.4	100.0	75.5	39.6	25.5	19.8	11.3	4.7
-15°	268.0	218.0	169.8	129.3	101.0	73.6	41.5	26.4	20.8	12.3	4.7
-17.5°	266.1	217.0	168.9	128.3	100.0	71.7	42.5	28.3	20.8	13.2	5.7
-20°	263.3	214.2	167.0	127.4	99.1	69.8	43.4	29.3	21.7	13.2	5.7

REPORT NUMBER: P723633

CATALOG NUMBER: IFLD-S-SA2A-727-U-11-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	258.5	209.5	163.2	124.5	97.2	67.9	43.4	31.1	22.6	13.2	5.7
-25°	252.9	204.8	159.5	120.8	94.4	65.1	43.4	32.1	23.6	13.2	5.7
-27.5°	246.3	200.0	153.8	117.9	90.6	63.2	43.4	33.0	24.5	13.2	5.7
-30°	238.7	193.4	149.1	113.2	87.8	63.2	44.3	34.0	25.5	13.2	5.7
-32.5°	231.2	186.8	143.4	109.5	84.0	62.3	44.3	34.9	26.4	12.3	6.6
-35°	222.7	179.3	138.7	106.6	81.1	60.4	45.3	34.9	25.5	12.3	6.6
-37.5°	212.3	169.8	134.0	103.8	79.3	58.5	45.3	35.9	24.5	12.3	6.6
-40°	201.0	162.3	128.3	100.0	76.4	57.6	45.3	35.9	23.6	12.3	7.5
-42.5°	188.7	153.8	122.7	96.2	73.6	56.6	45.3	35.9	22.6	12.3	7.5
-45°	177.4	145.3	116.1	91.5	70.8	56.6	45.3	34.9	20.8	13.2	7.5
-47.5°	165.1	135.9	108.5	86.8	69.8	55.7	44.3	33.0	18.9	13.2	7.5
-50°	154.7	126.4	102.8	82.1	67.9	56.6	45.3	30.2	18.9	13.2	7.5
-52.5°	144.4	119.8	96.2	80.2	66.0	57.6	44.3	28.3	18.9	13.2	7.5
-55°	135.9	113.2	92.5	77.4	67.9	59.4	42.5	25.5	18.9	13.2	7.5
-57.5°	129.3	109.5	89.6	78.3	70.8	57.6	39.6	24.5	18.9	12.3	7.5
-60°	124.5	105.7	90.6	82.1	71.7	54.7	37.7	24.5	18.9	12.3	6.6
-62.5°	120.8	106.6	95.3	84.9	67.9	51.0	35.9	24.5	17.0	11.3	6.6
-65°	121.7	110.4	97.2	81.1	65.1	47.2	33.0	23.6	16.0	10.4	6.6
-67.5°	124.5	107.6	91.5	76.4	58.5	42.5	30.2	21.7	15.1	10.4	6.6
-70°	115.1	99.1	83.0	65.1	50.0	36.8	28.3	19.8	13.2	9.4	6.6
-72.5°	103.8	83.0	66.0	52.8	42.5	34.0	25.5	17.9	12.3	8.5	5.7
-75°	75.5	60.4	49.1	44.3	37.7	30.2	22.6	16.0	11.3	8.5	5.7
-77.5°	53.8	50.0	45.3	40.6	34.0	26.4	19.8	15.1	10.4	7.5	4.7
-80°	52.8	48.1	42.5	34.9	28.3	22.6	17.0	13.2	9.4	6.6	3.8
-82.5°	44.3	37.7	32.1	26.4	21.7	17.9	14.2	10.4	7.5	4.7	2.8
-85°	27.4	23.6	20.8	17.9	15.1	12.3	9.4	6.6	4.7	2.8	1.9
-87.5°	13.2	12.3	10.4	8.5	7.5	5.7	4.7	3.8	2.8	1.9	0.9
-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: P723633

CATALOG NUMBER: IFLD-S-SA2A-727-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°	0.9	0.0	0.0	0.0
80°	0.9	0.0	0.0	0.0
77.5°	0.9	0.0	0.0	0.0
75°	0.9	0.9	0.0	0.0
72.5°	0.9	0.9	0.0	0.0
70°	1.9	0.9	0.9	0.0
67.5°	1.9	0.9	0.9	0.0
65°	1.9	0.9	0.9	0.0
62.5°	1.9	0.9	0.9	0.0
60°	1.9	0.9	0.9	0.0
57.5°	1.9	0.9	0.9	0.0
55°	1.9	0.9	0.9	0.0
52.5°	1.9	0.9	0.9	0.0
50°	1.9	0.9	0.9	0.0
47.5°	1.9	1.9	0.9	0.0
45°	1.9	1.9	0.9	0.0
42.5°	1.9	1.9	0.9	0.0
40°	1.9	1.9	0.9	0.0
37.5°	1.9	1.9	0.9	0.0
35°	1.9	1.9	0.9	0.0
32.5°	2.8	1.9	0.9	0.0
30°	2.8	1.9	1.9	0.0
27.5°	2.8	1.9	1.9	0.0
25°	2.8	1.9	1.9	0.0
22.5°	2.8	1.9	1.9	0.0
20°	2.8	1.9	1.9	0.0
17.5°	2.8	1.9	1.9	0.0
15°	2.8	1.9	1.9	0.0
12.5°	2.8	1.9	1.9	0.0
10°	2.8	1.9	1.9	0.0
7.5°	2.8	1.9	1.9	0.0
5°	2.8	1.9	1.9	0.0
2.5°	2.8	1.9	1.9	0.0
0°	2.8	1.9	1.9	0.0
-2.5°	2.8	1.9	1.9	0.0
-5°	2.8	1.9	1.9	0.0
-7.5°	2.8	1.9	1.9	0.0
-10°	2.8	1.9	1.9	0.0
-12.5°	3.8	1.9	1.9	0.0
-15°	3.8	1.9	1.9	0.0
-17.5°	3.8	1.9	1.9	0.0
-20°	3.8	1.9	1.9	0.0

REPORT NUMBER: P723633

CATALOG NUMBER: IFLD-S-SA2A-727-U-11-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	3.8	1.9	1.9	0.0
-25°	3.8	1.9	1.9	0.0
-27.5°	3.8	1.9	1.9	0.0
-30°	3.8	1.9	1.9	0.0
-32.5°	3.8	1.9	1.9	0.0
-35°	3.8	1.9	1.9	0.0
-37.5°	3.8	1.9	1.9	0.0
-40°	3.8	1.9	1.9	0.0
-42.5°	2.8	1.9	0.9	0.0
-45°	3.8	1.9	0.9	0.0
-47.5°	3.8	1.9	0.9	0.0
-50°	3.8	1.9	0.9	0.0
-52.5°	3.8	1.9	0.9	0.0
-55°	3.8	1.9	0.9	0.0
-57.5°	3.8	1.9	0.9	0.0
-60°	3.8	1.9	0.9	0.0
-62.5°	3.8	1.9	0.9	0.0
-65°	3.8	1.9	0.9	0.0
-67.5°	3.8	1.9	0.9	0.0
-70°	3.8	0.9	0.9	0.0
-72.5°	2.8	0.9	0.9	0.0
-75°	2.8	0.9	0.9	0.0
-77.5°	1.9	0.9	0.0	0.0
-80°	1.9	0.9	0.0	0.0
-82.5°	1.9	0.9	0.0	0.0
-85°	0.9	0.0	0.0	0.0
-87.5°	0.9	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)