

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: P723807

Luminaire Tested: **IFLD-S-SA2A-827-U-11-VI**

Issue Date: 01/11/2023

Test Information

Test Method: LM-79-2019
Report Number: P723807
Test Lab: INNOVATION CENTER(G2)
Issue Date: 01/11/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA2A-827-U-11-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 1 distribution lens and Visor
Light Source: (32) 2700K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	1H x 1V
Luminaire Lumens:	3592.8 lumens	Max Intensity:	84524.8 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	56.3 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:	1302.9 lumens	Field Lumens:	2077 lumens
Beam Efficiency:	36.3%	Field Efficiency:	57.8%

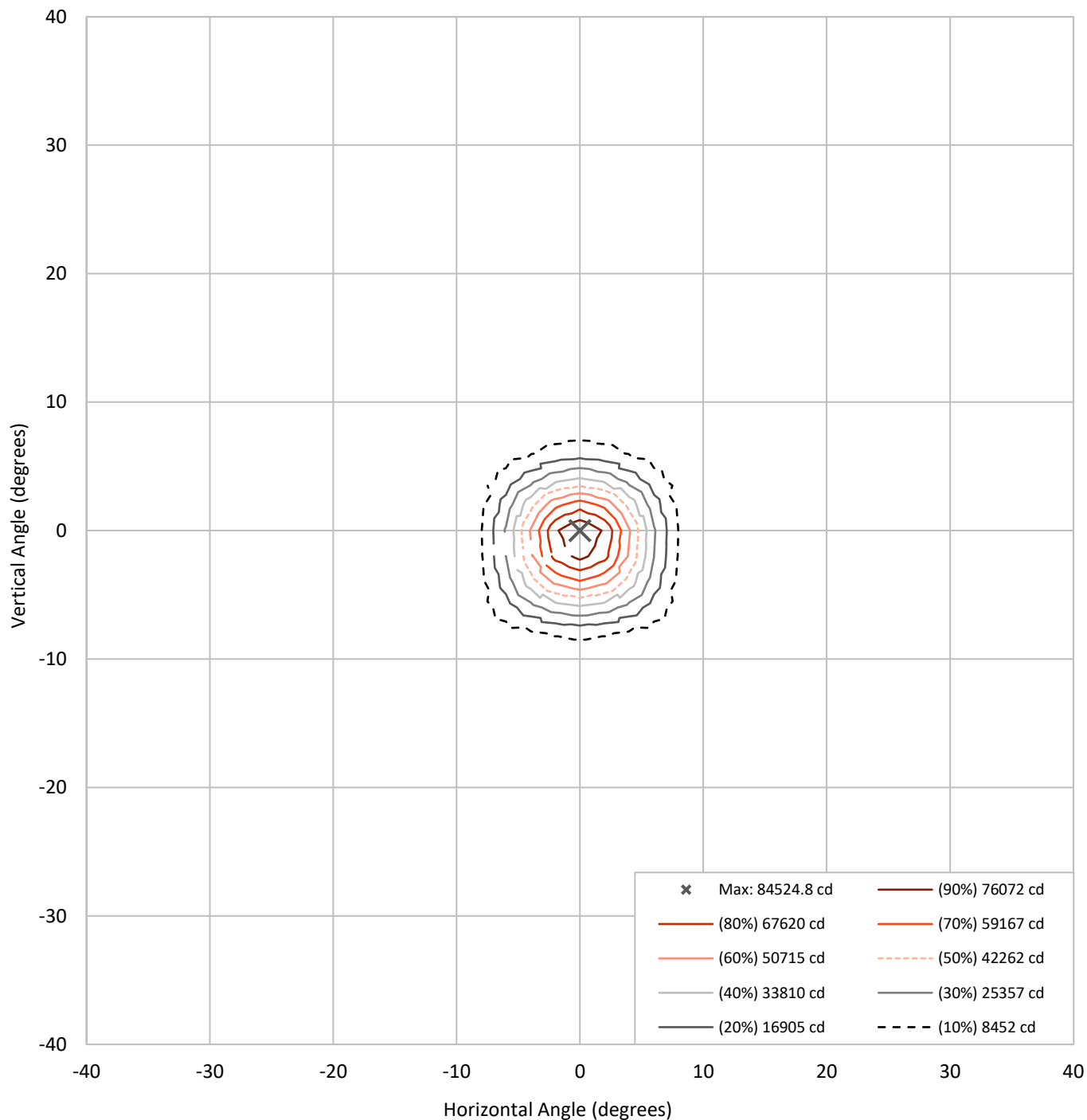
Input Watts (W): 63.8
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



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Iso-Candela Plot



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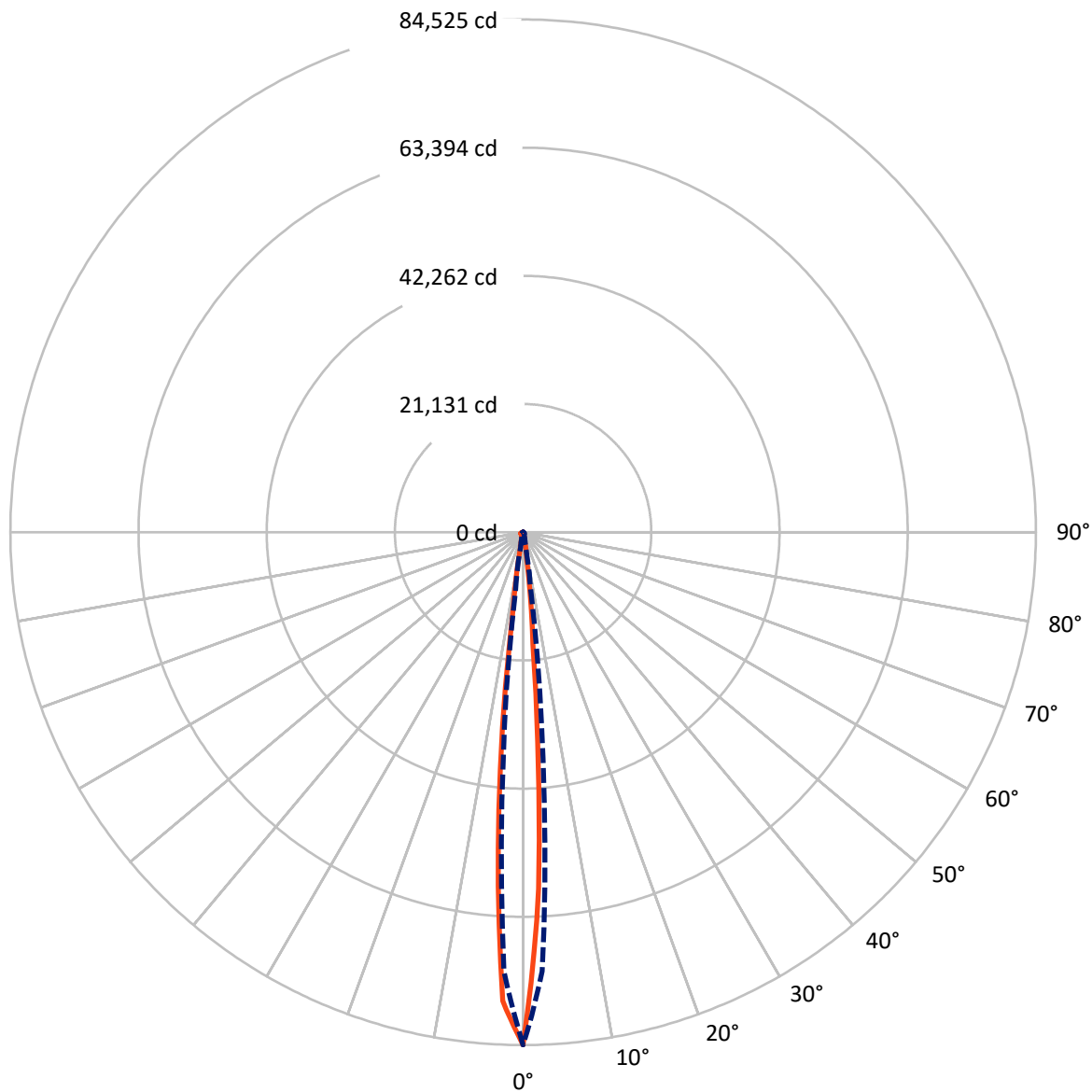
Lumen Table

90																	
80	0.1	0.8		0.9		0.3		0.1		0.3		0.9		0.8		0.1	
70																	
60	0.1	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.1	
50		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		
40	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	
30		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		
20	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	
10		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		
0	0.2	0.9	3.7	6.6	7.0	9.4	25.4	471.6	471.6	25.4	9.4	7.0	6.6	3.7	0.9	0.2	
-10		1.1	4.0	6.9	7.3	9.7	27.4	687.7	687.7	27.4	9.7	7.3	6.9	4.0	1.1		
-20	0.3	1.2	4.1	7.3	7.9	8.8	15.9	30.6	30.6	15.9	8.8	7.9	7.3	4.1	1.2	0.3	
-30		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		
-40	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	
-50		0.9	2.8	6.0	9.4	11.4	12.7	13.4	13.4	12.7	11.4	9.4	6.0	2.8	0.9		
-60	0.3	0.8	2.1	4.7	8.0	10.7	12.4	13.2	13.2	12.4	10.7	8.0	4.7	2.1	0.8	0.3	
-70		0.7	1.9	3.8	6.7	9.4	11.3	12.2	12.2	11.3	9.4	6.7	3.8	1.9	0.7		
-80	0.1	2.2		6.6		12.3		13.5		12.3		6.6		2.2		0.1	
-90																	
	Horizontal Angle (degrees)																

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Luminous Intensity Polar Plot



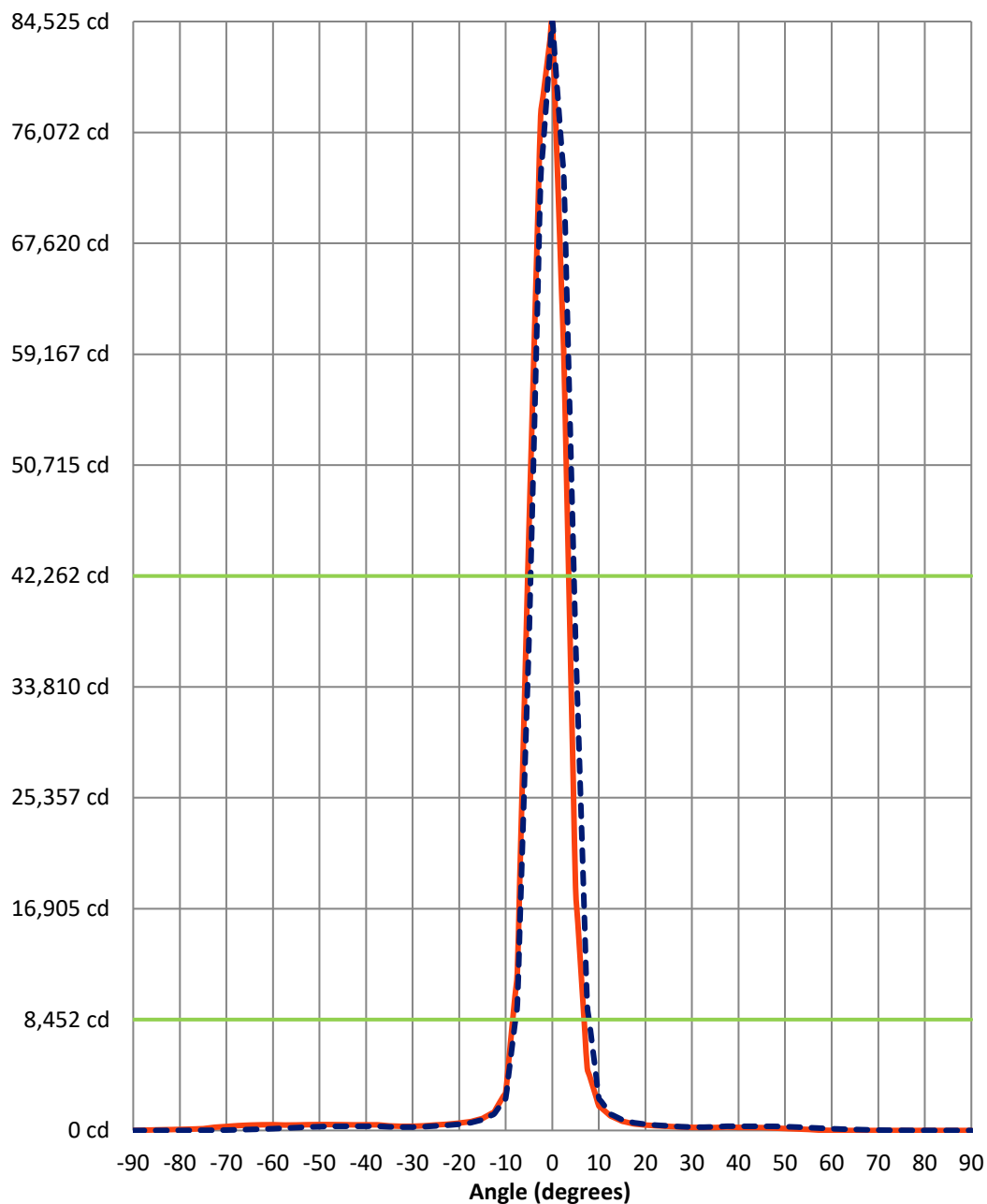
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 0-Deg

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Luminous Intensity Plot



Beam:

H Angle: 9.3°

V Angle: 8.8°

Lumens: 1302.9

Efficiency: 36.3%

Field:

H Angle: 15.8°

V Angle: 15.3°

Lumens: 2077

Efficiency: 57.8%

Spill:

Lumens: 1515.7

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	4.1	4.1	5.0
82.5°	0.0	0.8	0.8	1.7	1.7	2.5	2.5	4.1	5.0	5.8	7.5
80°	0.8	0.8	0.8	1.7	1.7	2.5	2.5	3.3	4.1	5.8	6.6
77.5°	0.0	0.8	0.8	0.8	1.7	1.7	1.7	2.5	3.3	4.1	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	4.1	4.1	4.1	4.1
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	28.2	24.9	23.2	25.7
55°	78.0	80.4	78.8	76.3	71.3	65.5	63.9	63.0	63.9	59.7	53.1
52.5°	113.6	116.1	115.3	113.6	110.3	106.2	102.8	99.5	96.2	89.6	82.1
50°	147.6	148.5	147.6	146.0	142.7	138.5	131.9	124.4	117.8	116.1	109.5
47.5°	185.8	188.3	188.3	187.4	185.0	177.5	167.5	156.8	151.8	150.1	143.5
45°	219.8	221.4	222.3	223.1	222.3	214.8	205.7	199.9	189.1	185.8	185.8
42.5°	228.9	229.7	230.6	231.4	233.9	228.1	220.6	210.7	208.2	207.3	205.7
40°	232.2	230.6	231.4	232.2	233.1	228.9	223.1	217.3	215.6	214.0	214.0
37.5°	263.7	256.3	250.5	245.5	241.3	237.2	231.4	226.4	222.3	219.0	222.3
35°	224.8	224.8	230.6	235.5	240.5	245.5	246.3	240.5	231.4	227.2	233.1
32.5°	229.7	229.7	229.7	231.4	233.1	237.2	241.3	243.8	250.5	243.0	243.0
30°	234.7	235.5	237.2	238.0	235.5	233.9	232.2	232.2	236.4	247.2	253.0
27.5°	263.7	263.7	261.3	257.9	250.5	238.9	233.1	224.8	225.6	230.6	244.7
25°	311.0	309.4	303.6	295.3	282.0	265.4	249.6	232.2	224.8	222.3	228.1
22.5°	355.8	353.3	345.8	338.4	327.6	311.0	284.5	257.9	234.7	224.8	222.3
20°	413.0	407.2	398.9	387.3	369.9	353.3	330.1	295.3	261.3	235.5	225.6
17.5°	505.1	497.6	481.9	461.1	431.3	405.6	372.4	339.2	301.1	259.6	237.2
15°	706.6	687.6	660.2	603.0	544.1	495.1	445.4	389.8	350.8	296.1	262.1
12.5°	1111.4	1059.1	979.5	846.0	714.1	600.5	520.0	448.7	385.7	335.1	287.0
10°	1881.0	1769.1	1549.3	1184.3	941.3	732.3	588.0	492.6	413.0	360.8	307.7
7.5°	4757.3	3880.6	2746.1	1875.2	1231.6	894.9	672.6	534.1	442.1	377.4	324.3
5°	18541.5	15273.7	8147.8	3400.4	1852.8	1082.3	748.9	567.3	461.1	389.8	336.7
2.5°	58844.9	50816.6	26661.1	7320.1	2275.0	1219.2	801.2	588.0	471.9	398.9	345.8
0°	84524.8	72440.8	37417.2	9627.4	2467.4	1254.0	817.8	592.2	473.6	400.6	345.8
-2.5°	77325.8	67675.2	36144.9	8958.9	2521.3	1264.0	831.0	606.3	486.0	408.1	348.3
-5°	45946.5	40301.8	25213.8	6387.8	2240.1	1173.6	796.2	593.8	477.7	403.9	346.7
-7.5°	12105.5	10480.0	6893.8	3333.3	1449.7	992.8	731.5	573.1	466.9	396.4	340.0
-10°	2918.6	2766.0	2470.7	1514.4	1128.8	829.4	648.6	535.8	445.4	386.5	329.3
-12.5°	1407.4	1374.3	1247.4	1028.4	837.7	689.2	587.2	496.8	425.5	369.1	314.3
-15°	915.6	896.6	853.4	769.7	672.6	601.3	530.0	457.0	400.6	343.4	301.9
-17.5°	677.6	676.8	655.2	623.7	575.6	522.5	470.3	423.8	369.1	320.1	288.6
-20°	561.5	561.5	549.0	528.3	494.3	459.5	424.6	381.5	336.7	300.2	287.0

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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°	476.9	477.7	471.1	457.8	439.6	410.5	376.5	341.7	309.4	296.1	291.9
-25°	422.2	420.5	413.0	400.6	381.5	358.3	335.9	312.7	303.6	300.2	306.0
-27.5°	357.5	359.9	356.6	350.8	338.4	321.8	316.8	310.2	311.8	316.8	339.2
-30°	319.3	321.8	325.1	327.6	323.5	319.3	321.0	325.9	336.7	355.8	364.1
-32.5°	319.3	320.1	325.1	330.1	332.6	335.9	345.0	361.6	377.4	372.4	370.7
-35°	348.3	345.8	352.5	359.1	368.2	379.9	389.8	386.5	380.7	379.0	380.7
-37.5°	431.3	415.5	408.9	404.7	402.2	400.6	398.1	395.6	393.1	391.5	394.0
-40°	430.4	426.3	422.2	418.8	416.3	413.0	411.4	410.5	408.1	406.4	404.7
-42.5°	428.8	430.4	430.4	429.6	430.4	429.6	427.1	423.8	419.7	416.3	413.0
-45°	441.2	442.1	443.7	445.4	447.9	444.5	439.6	433.8	428.0	423.0	418.8
-47.5°	448.7	449.5	451.2	453.7	455.3	452.0	445.4	437.9	428.8	420.5	412.2
-50°	451.2	453.7	454.5	454.5	453.7	449.5	439.6	428.8	418.8	410.5	403.1
-52.5°	439.6	442.1	442.9	441.2	440.4	436.3	427.1	417.2	406.4	400.6	394.0
-55°	420.5	423.8	426.3	426.3	426.3	425.5	417.2	408.1	399.8	393.1	386.5
-57.5°	413.0	418.8	423.8	424.6	425.5	426.3	420.5	411.4	401.4	391.5	383.2
-60°	440.4	445.4	447.9	444.5	442.1	439.6	430.4	419.7	409.7	399.8	384.0
-62.5°	432.9	441.2	445.4	442.9	439.6	435.4	425.5	413.0	401.4	390.6	374.9
-65°	408.9	416.3	421.3	417.2	412.2	406.4	397.3	385.7	374.9	364.1	350.0
-67.5°	368.2	379.0	387.3	378.2	371.6	364.1	356.6	346.7	335.9	323.5	310.2
-70°	304.4	312.7	320.1	317.7	316.0	314.3	309.4	299.4	290.3	280.3	268.7
-72.5°	244.7	252.1	258.8	254.6	251.3	246.3	238.9	228.1	217.3	206.5	195.7
-75°	135.2	137.7	140.2	139.3	139.3	139.3	139.3	140.2	138.5	136.0	131.0
-77.5°	103.7	107.0	109.5	111.1	113.6	116.9	119.4	115.3	111.1	107.0	102.0
-80°	81.3	84.6	87.1	96.2	102.8	110.3	115.3	109.5	103.7	98.7	94.5
-82.5°	61.4	63.9	66.3	71.3	74.6	78.8	82.1	82.1	81.3	80.4	78.0
-85°	44.8	48.1	51.4	53.1	55.6	55.6	56.4	53.1	49.8	47.3	44.0
-87.5°	25.7	26.5	26.5	26.5	27.4	27.4	27.4	25.7	24.9	23.2	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	4.1	4.1
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	12.4	13.3	14.1	16.6	18.2	19.1
80°	8.3	9.1	11.6	13.3	14.9	16.6	16.6	16.6	16.6	17.4	19.1
77.5°	5.8	6.6	7.5	9.1	13.3	16.6	19.1	20.7	19.1	18.2	16.6
75°	3.3	4.1	5.0	5.8	8.3	11.6	15.8	19.9	23.2	22.4	20.7
72.5°	3.3	3.3	4.1	5.0	5.8	6.6	7.5	11.6	16.6	20.7	23.2
70°	3.3	4.1	4.1	5.0	5.8	6.6	7.5	9.1	11.6	16.6	21.6
67.5°	3.3	4.1	4.1	5.8	7.5	8.3	9.1	8.3	7.5	10.8	15.8
65°	3.3	3.3	4.1	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	18.2	18.2	15.8	14.9	12.4	9.1	9.1	7.5	7.5
55°	48.9	46.4	39.0	32.3	29.0	25.7	19.9	16.6	12.4	10.0	9.1
52.5°	75.5	68.8	62.2	53.9	45.6	39.0	33.2	25.7	20.7	14.9	11.6
50°	98.7	92.9	85.4	76.3	65.5	57.2	48.9	39.0	30.7	23.2	16.6
47.5°	134.4	122.7	113.6	102.8	90.4	78.8	68.0	56.4	43.1	34.0	25.7
45°	172.5	155.9	143.5	133.5	116.9	101.2	88.7	76.3	60.5	44.8	34.8
42.5°	199.0	186.6	170.0	156.8	141.8	125.2	108.6	95.4	78.8	60.5	44.8
40°	213.1	204.9	191.6	180.0	164.2	146.0	128.6	115.3	97.9	78.0	56.4
37.5°	223.9	219.8	213.1	204.0	189.1	167.5	150.1	134.4	119.4	96.2	73.0
35°	236.4	235.5	231.4	227.2	214.8	194.1	173.3	155.1	136.8	115.3	89.6
32.5°	248.0	247.2	244.7	243.0	238.0	219.8	197.4	176.7	155.9	133.5	105.3
30°	253.8	252.1	252.1	253.8	248.8	237.2	220.6	198.2	175.0	148.5	121.9
27.5°	253.8	252.1	253.0	255.4	254.6	248.8	236.4	218.1	192.4	162.6	136.8
25°	243.0	251.3	251.3	254.6	255.4	253.8	247.2	235.5	209.0	177.5	148.5
22.5°	228.1	248.0	255.4	254.6	255.4	259.6	260.4	249.6	224.8	192.4	160.1
20°	228.1	242.2	263.7	257.9	259.6	268.7	272.9	263.7	241.3	206.5	171.7
17.5°	233.1	242.2	260.4	269.5	272.0	279.5	286.1	280.3	256.3	221.4	187.4
15°	247.2	245.5	257.9	280.3	284.5	290.3	297.7	291.1	269.5	238.0	202.4
12.5°	257.1	248.0	257.9	282.0	295.3	301.1	303.6	298.6	281.2	253.0	217.3
10°	270.4	254.6	259.6	280.3	299.4	303.6	306.0	304.4	291.9	265.4	230.6
7.5°	280.3	257.9	257.9	277.8	303.6	306.9	308.5	310.2	301.1	276.2	242.2
5°	284.5	257.9	256.3	275.4	307.7	311.0	311.0	313.5	307.7	284.5	250.5
2.5°	285.3	257.1	254.6	273.7	315.2	315.2	313.5	316.0	312.7	289.5	256.3
0°	289.5	256.3	253.8	276.2	323.5	320.1	316.0	316.8	315.2	291.9	259.6
-2.5°	289.5	260.4	257.1	277.8	322.6	321.8	320.1	321.0	319.3	299.4	266.2
-5°	293.6	266.2	262.9	285.3	321.8	324.3	325.1	325.1	322.6	304.4	270.4
-7.5°	294.4	270.4	269.5	292.8	323.5	327.6	330.1	331.7	326.8	307.7	273.7
-10°	290.3	272.0	276.2	301.9	325.1	330.9	335.9	338.4	330.1	309.4	275.4
-12.5°	281.2	272.0	282.8	313.5	329.3	335.9	343.4	344.2	333.4	310.2	276.2
-15°	280.3	278.7	294.4	325.1	331.7	340.0	351.7	349.2	335.9	310.2	276.2
-17.5°	279.5	287.8	311.8	329.3	335.9	345.0	354.1	351.7	337.6	310.2	274.5
-20°	287.0	302.7	332.6	333.4	340.9	350.8	355.8	350.8	335.1	307.7	272.0

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CATALOG NUMBER: IFLD-S-SA2A-827-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°	299.4	329.3	339.2	342.5	349.2	356.6	359.1	351.7	332.6	303.6	267.9
-25°	330.9	345.8	345.8	353.3	359.9	363.3	360.8	352.5	329.3	299.4	263.7
-27.5°	355.0	354.1	358.3	365.8	371.6	371.6	364.9	348.3	324.3	295.3	257.9
-30°	364.1	364.9	370.7	379.0	380.7	376.5	366.6	345.0	320.1	288.6	250.5
-32.5°	373.2	376.5	384.0	388.1	389.0	380.7	362.4	339.2	313.5	281.2	242.2
-35°	384.0	390.6	394.8	395.6	391.5	377.4	356.6	331.7	303.6	270.4	234.7
-37.5°	398.1	401.4	403.9	400.6	389.0	372.4	346.7	321.8	294.4	258.8	223.9
-40°	407.2	408.9	409.7	398.9	384.8	360.8	335.9	310.2	278.7	245.5	212.3
-42.5°	413.0	411.4	404.7	393.1	372.4	349.2	325.1	296.1	264.6	232.2	199.9
-45°	411.4	405.6	395.6	381.5	359.9	336.7	308.5	279.5	249.6	218.1	185.8
-47.5°	404.7	395.6	383.2	366.6	346.7	318.5	290.3	262.1	233.1	202.4	172.5
-50°	396.4	385.7	370.7	350.0	323.5	297.7	272.0	244.7	214.8	186.6	160.1
-52.5°	387.3	375.7	356.6	333.4	304.4	277.8	253.0	226.4	199.0	172.5	149.3
-55°	377.4	365.8	344.2	317.7	288.6	259.6	235.5	213.1	186.6	160.9	140.2
-57.5°	372.4	357.5	335.1	308.5	277.8	248.0	227.2	203.2	179.1	152.6	132.7
-60°	368.2	353.3	332.6	301.9	272.9	244.7	220.6	197.4	171.7	146.8	126.9
-62.5°	356.6	340.9	321.8	291.9	263.7	238.0	216.5	189.1	164.2	141.0	122.7
-65°	333.4	316.8	300.2	273.7	248.0	223.9	202.4	177.5	154.3	134.4	118.6
-67.5°	296.9	282.8	267.9	245.5	223.9	202.4	182.5	160.9	141.8	127.7	119.4
-70°	256.3	241.3	226.4	208.2	189.9	172.5	156.8	141.0	128.6	121.1	114.5
-72.5°	186.6	180.0	172.5	158.4	143.5	132.7	125.2	118.6	109.5	102.8	98.7
-75°	124.4	115.3	103.7	98.7	99.5	97.9	93.7	88.7	84.6	82.1	76.3
-77.5°	97.0	92.1	86.3	80.4	78.0	75.5	72.2	68.0	64.7	58.9	50.6
-80°	89.6	85.4	81.3	77.1	73.0	67.2	60.5	53.9	50.6	48.1	47.3
-82.5°	73.8	68.8	63.9	59.7	53.9	49.8	45.6	42.3	42.3	41.5	40.6
-85°	42.3	40.6	38.2	36.5	34.8	32.3	29.9	28.2	27.4	26.5	25.7
-87.5°	21.6	20.7	19.1	18.2	17.4	16.6	14.9	14.1	13.3	13.3	12.4
-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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CATALOG NUMBER: IFLD-S-SA2A-827-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°	4.1	4.1	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	12.4	10.0	7.5	5.8	4.1	2.5	1.7	0.8
80°	21.6	21.6	20.7	17.4	14.1	10.8	7.5	5.0	3.3	2.5	1.7
77.5°	16.6	18.2	18.2	18.2	17.4	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	4.1	3.3	1.7
72.5°	23.2	19.9	17.4	16.6	14.9	12.4	10.0	7.5	4.1	3.3	2.5
70°	21.6	20.7	19.1	17.4	14.9	12.4	10.0	7.5	5.0	3.3	2.5
67.5°	19.1	19.1	19.1	17.4	14.9	11.6	9.1	6.6	5.0	3.3	2.5
65°	13.3	15.8	17.4	16.6	14.9	11.6	9.1	6.6	5.0	4.1	2.5
62.5°	8.3	10.8	14.1	15.8	14.1	11.6	8.3	6.6	5.0	4.1	2.5
60°	7.5	8.3	10.0	12.4	13.3	10.8	8.3	5.8	5.0	4.1	2.5
57.5°	7.5	7.5	8.3	10.0	10.8	10.0	7.5	5.0	5.0	4.1	3.3
55°	8.3	7.5	7.5	8.3	9.1	9.1	7.5	5.0	5.0	4.1	3.3
52.5°	10.0	8.3	7.5	7.5	7.5	8.3	6.6	5.0	5.0	4.1	3.3
50°	12.4	10.0	9.1	7.5	7.5	7.5	6.6	5.0	4.1	4.1	3.3
47.5°	16.6	13.3	10.0	9.1	7.5	6.6	5.8	5.0	4.1	4.1	3.3
45°	24.9	15.8	13.3	10.0	8.3	7.5	6.6	5.0	4.1	4.1	3.3
42.5°	34.0	23.2	16.6	11.6	9.1	7.5	6.6	5.8	4.1	4.1	3.3
40°	43.1	31.5	20.7	14.9	10.8	8.3	6.6	5.8	5.0	4.1	3.3
37.5°	53.1	39.0	27.4	19.1	12.4	9.1	7.5	5.8	5.0	4.1	3.3
35°	65.5	48.9	34.0	23.2	14.9	10.8	8.3	5.8	5.0	4.1	3.3
32.5°	79.6	58.1	40.6	28.2	19.1	13.3	9.1	6.6	5.0	4.1	3.3
30°	92.9	68.8	48.1	34.0	23.2	14.9	10.0	6.6	5.0	4.1	2.5
27.5°	106.2	79.6	57.2	39.8	28.2	17.4	10.8	7.5	5.0	4.1	3.3
25°	119.4	90.4	66.3	45.6	32.3	20.7	13.3	8.3	5.0	4.1	3.3
22.5°	131.0	101.2	74.6	52.3	37.3	24.1	14.9	9.1	5.8	4.1	3.3
20°	144.3	112.8	83.8	59.7	41.5	27.4	16.6	10.0	5.8	4.1	3.3
17.5°	156.8	124.4	92.9	66.3	46.4	30.7	19.1	10.8	6.6	4.1	3.3
15°	169.2	135.2	101.2	73.0	51.4	34.0	20.7	11.6	7.5	4.1	3.3
12.5°	180.8	145.1	108.6	78.8	55.6	37.3	22.4	12.4	8.3	4.1	3.3
10°	191.6	154.3	116.1	83.8	59.7	39.8	24.1	14.1	9.1	4.1	3.3
7.5°	202.4	161.7	121.9	88.7	64.7	43.1	25.7	14.9	10.0	5.0	3.3
5°	209.0	168.4	126.9	92.9	68.8	46.4	27.4	15.8	10.8	5.0	3.3
2.5°	214.8	173.3	130.2	97.0	73.0	48.9	27.4	16.6	11.6	5.0	3.3
0°	218.1	176.7	132.7	99.5	76.3	50.6	28.2	17.4	12.4	5.0	3.3
-2.5°	225.6	182.5	138.5	102.8	79.6	55.6	29.9	18.2	13.3	5.8	3.3
-5°	230.6	185.8	142.7	106.2	82.1	60.5	32.3	19.9	14.9	7.5	4.1
-7.5°	234.7	189.1	146.0	107.8	84.6	62.2	33.2	20.7	15.8	8.3	4.1
-10°	235.5	190.8	148.5	110.3	86.3	64.7	34.0	21.6	16.6	9.1	4.1
-12.5°	236.4	192.4	149.3	112.0	87.9	66.3	34.8	22.4	17.4	10.0	4.1
-15°	235.5	191.6	149.3	113.6	88.7	64.7	36.5	23.2	18.2	10.8	4.1
-17.5°	233.9	190.8	148.5	112.8	87.9	63.0	37.3	24.9	18.2	11.6	5.0
-20°	231.4	188.3	146.8	112.0	87.1	61.4	38.2	25.7	19.1	11.6	5.0

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CATALOG NUMBER: IFLD-S-SA2A-827-U-11-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	227.2	184.1	143.5	109.5	85.4	59.7	38.2	27.4	19.9	11.6	5.0
-25°	222.3	180.0	140.2	106.2	82.9	57.2	38.2	28.2	20.7	11.6	5.0
-27.5°	216.5	175.8	135.2	103.7	79.6	55.6	38.2	29.0	21.6	11.6	5.0
-30°	209.8	170.0	131.0	99.5	77.1	55.6	39.0	29.9	22.4	11.6	5.0
-32.5°	203.2	164.2	126.1	96.2	73.8	54.7	39.0	30.7	23.2	10.8	5.8
-35°	195.7	157.6	121.9	93.7	71.3	53.1	39.8	30.7	22.4	10.8	5.8
-37.5°	186.6	149.3	117.8	91.2	69.7	51.4	39.8	31.5	21.6	10.8	5.8
-40°	176.7	142.7	112.8	87.9	67.2	50.6	39.8	31.5	20.7	10.8	6.6
-42.5°	165.9	135.2	107.8	84.6	64.7	49.8	39.8	31.5	19.9	10.8	6.6
-45°	155.9	127.7	102.0	80.4	62.2	49.8	39.8	30.7	18.2	11.6	6.6
-47.5°	145.1	119.4	95.4	76.3	61.4	48.9	39.0	29.0	16.6	11.6	6.6
-50°	136.0	111.1	90.4	72.2	59.7	49.8	39.8	26.5	16.6	11.6	6.6
-52.5°	126.9	105.3	84.6	70.5	58.1	50.6	39.0	24.9	16.6	11.6	6.6
-55°	119.4	99.5	81.3	68.0	59.7	52.3	37.3	22.4	16.6	11.6	6.6
-57.5°	113.6	96.2	78.8	68.8	62.2	50.6	34.8	21.6	16.6	10.8	6.6
-60°	109.5	92.9	79.6	72.2	63.0	48.1	33.2	21.6	16.6	10.8	5.8
-62.5°	106.2	93.7	83.8	74.6	59.7	44.8	31.5	21.6	14.9	10.0	5.8
-65°	107.0	97.0	85.4	71.3	57.2	41.5	29.0	20.7	14.1	9.1	5.8
-67.5°	109.5	94.5	80.4	67.2	51.4	37.3	26.5	19.1	13.3	9.1	5.8
-70°	101.2	87.1	73.0	57.2	44.0	32.3	24.9	17.4	11.6	8.3	5.8
-72.5°	91.2	73.0	58.1	46.4	37.3	29.9	22.4	15.8	10.8	7.5	5.0
-75°	66.3	53.1	43.1	39.0	33.2	26.5	19.9	14.1	10.0	7.5	5.0
-77.5°	47.3	44.0	39.8	35.7	29.9	23.2	17.4	13.3	9.1	6.6	4.1
-80°	46.4	42.3	37.3	30.7	24.9	19.9	14.9	11.6	8.3	5.8	3.3
-82.5°	39.0	33.2	28.2	23.2	19.1	15.8	12.4	9.1	6.6	4.1	2.5
-85°	24.1	20.7	18.2	15.8	13.3	10.8	8.3	5.8	4.1	2.5	1.7
-87.5°	11.6	10.8	9.1	7.5	6.6	5.0	4.1	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: P723807

CATALOG NUMBER: IFLD-S-SA2A-827-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: P723807

CATALOG NUMBER: IFLD-S-SA2A-827-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)