

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: P723836

Luminaire Tested: **IFLD-S-SA2A-830-U-11-VI**

Issue Date: 01/11/2023

Test Information

Test Method: LM-79-2019
Report Number: P723836
Test Lab: INNOVATION CENTER(G2)
Issue Date: 01/11/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA2A-830-U-11-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 1 distribution lens and Visor
Light Source: (32) 3000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	1H x 1V
Luminaire Lumens:	3883.6 lumens	Max Intensity:	91366.4 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	60.9 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:	1408.3 lumens	Field Lumens:	2245.2 lumens
Beam Efficiency:	36.3%	Field Efficiency:	57.8%

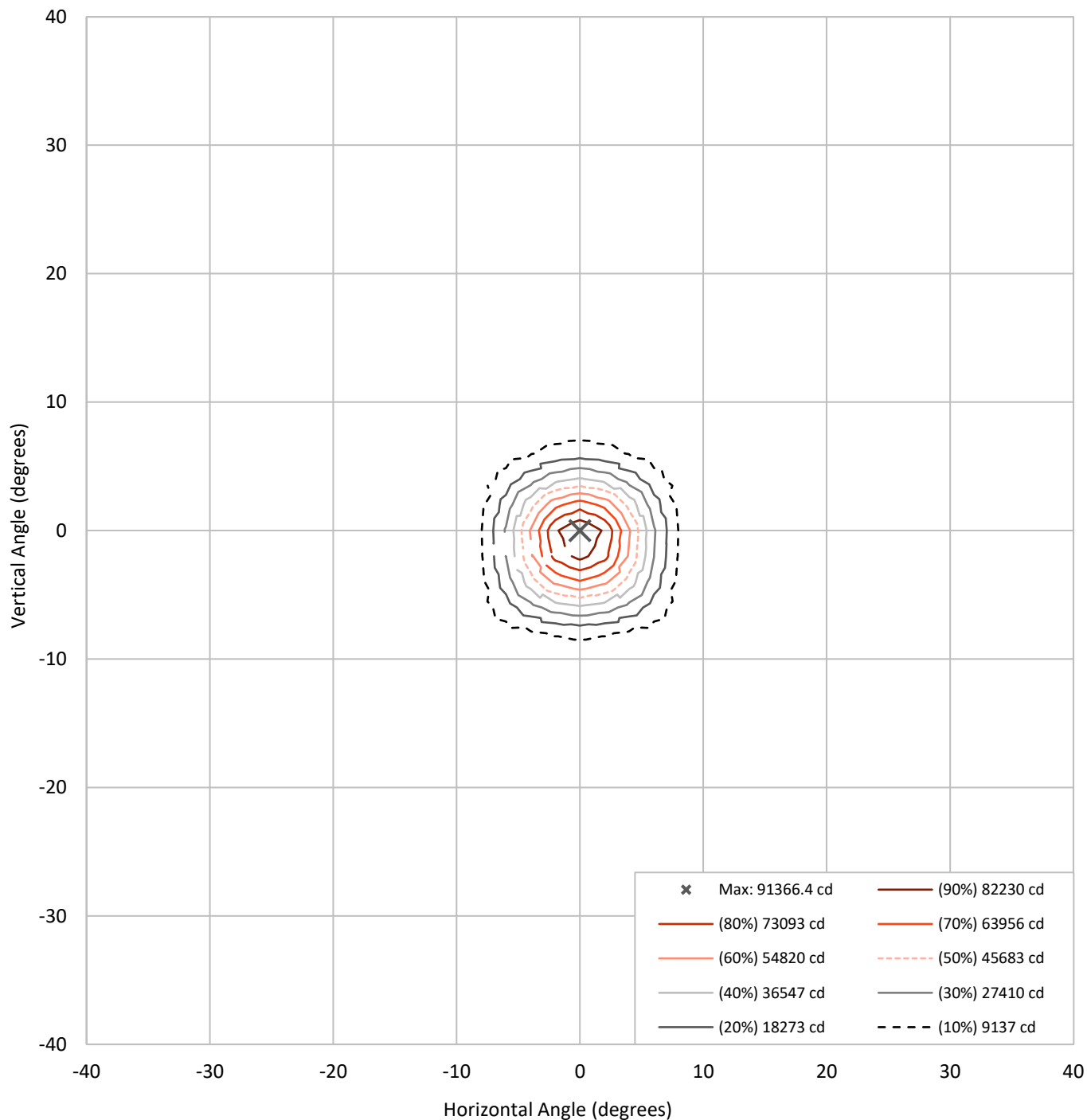
Input Watts (W): 63.8
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



REPORT NUMBER: P723836

CATALOG NUMBER: IFLD-S-SA2A-830-U-11-VI

Iso-Candela Plot



REPORT NUMBER: P723836

CATALOG NUMBER: IFLD-S-SA2A-830-U-11-VI

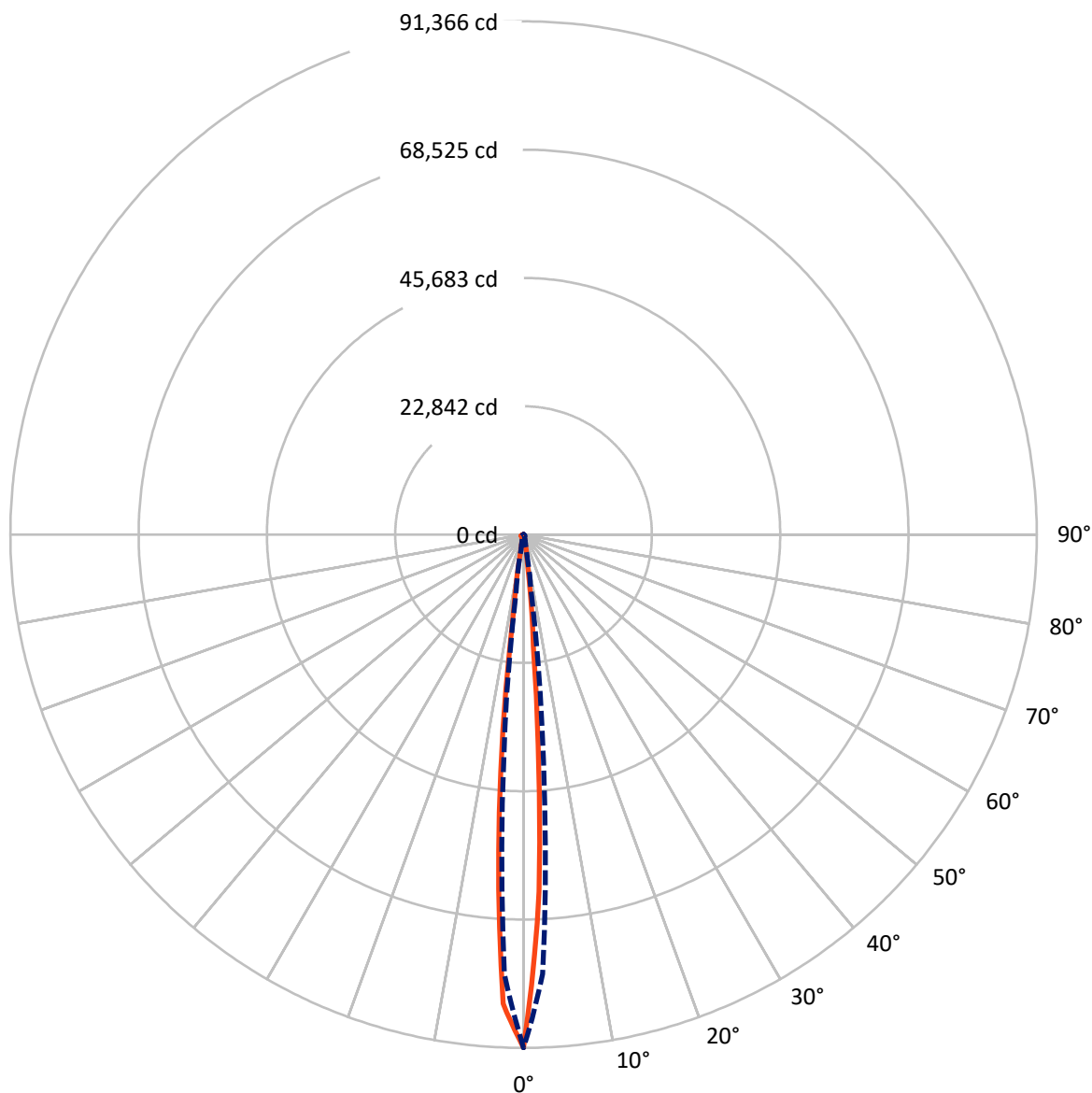
Lumen Table

[illegible]

REPORT NUMBER: P723836

CATALOG NUMBER: IFLD-S-SA2A-830-U-11-VI

Luminous Intensity Polar Plot



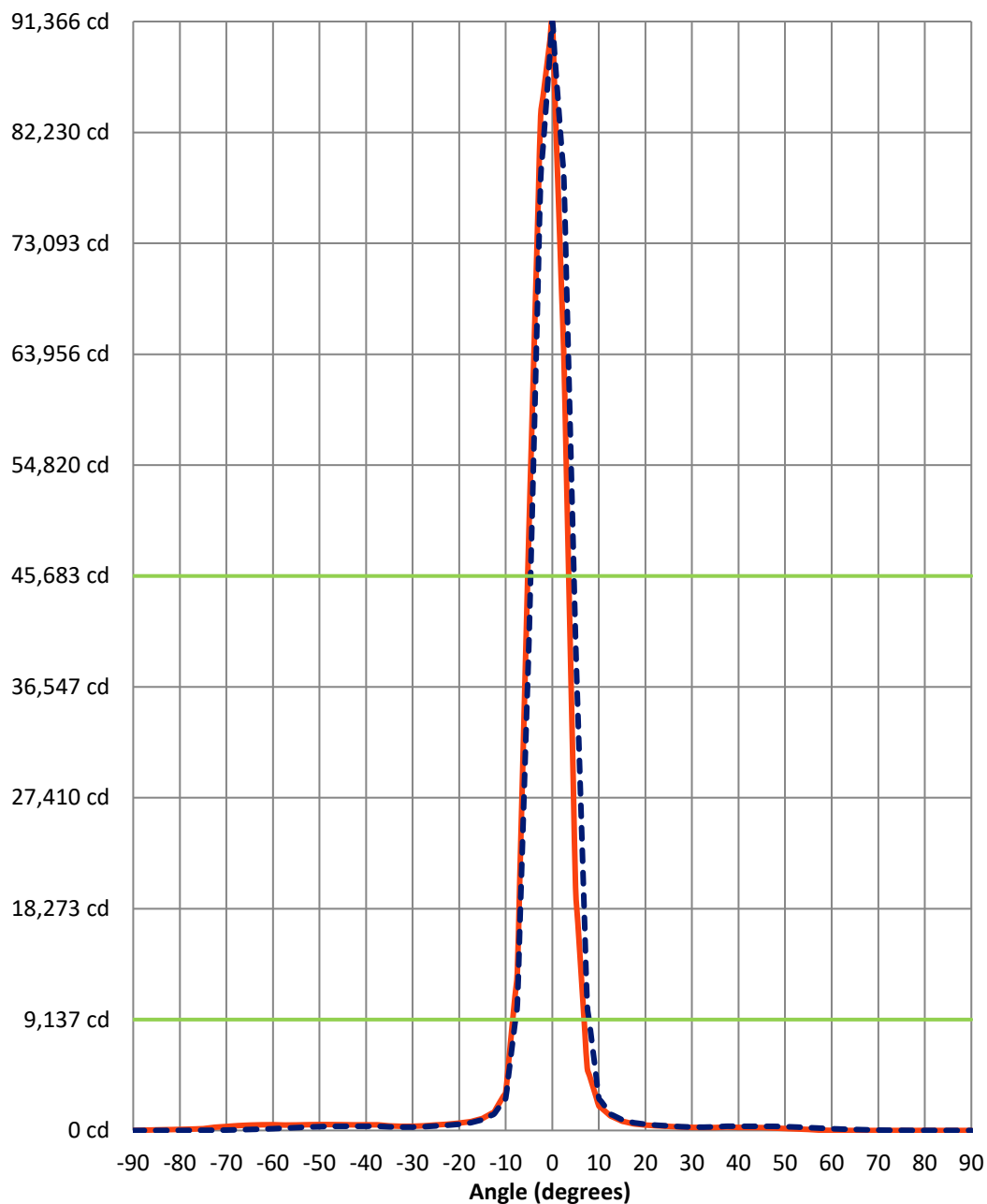
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 0-Deg

REPORT NUMBER: P723836

CATALOG NUMBER: IFLD-S-SA2A-830-U-11-VI

Luminous Intensity Plot



Beam:

H Angle: 9.3°

V Angle: 8.8°

Lumens: 1408.3

Efficiency: 36.3%

Field:

H Angle: 15.8°

V Angle: 15.3°

Lumens: 2245.2

Efficiency: 57.8%

Spill:

Lumens: 1638.4

Efficiency: 42.2%

— Vertical Distribution through 0-Deg
- - Horizontal Distribution through 0-Deg

REPORT NUMBER: P723836

CATALOG NUMBER: IFLD-S-SA2A-830-U-11-VI

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	1.8	1.8	1.8	2.7	3.6	4.5	4.5	5.4
82.5°	0.0	0.9	0.9	1.8	1.8	2.7	2.7	4.5	5.4	6.3	8.1
80°	0.9	0.9	0.9	1.8	1.8	2.7	2.7	3.6	4.5	6.3	7.2
77.5°	0.0	0.9	0.9	0.9	1.8	1.8	1.8	2.7	3.6	4.5	5.4
75°	0.0	0.9	0.9	0.9	1.8	1.8	1.8	1.8	2.7	2.7	3.6
72.5°	0.0	0.0	0.0	0.9	0.9	1.8	1.8	1.8	2.7	2.7	2.7
70°	0.0	0.0	0.0	0.9	0.9	1.8	1.8	1.8	2.7	2.7	2.7
67.5°	0.0	0.0	0.0	0.9	0.9	1.8	1.8	1.8	2.7	2.7	2.7
65°	0.0	0.0	0.0	0.9	0.9	1.8	1.8	2.7	2.7	2.7	2.7
62.5°	0.9	0.9	0.9	1.8	2.7	2.7	3.6	4.5	4.5	4.5	4.5
60°	9.0	9.9	10.8	10.8	9.9	9.9	10.8	10.8	10.8	10.8	10.8
57.5°	24.2	26.0	26.9	26.9	26.9	26.0	29.6	30.5	26.9	25.1	27.8
55°	84.3	87.0	85.2	82.5	77.1	70.8	69.0	68.1	69.0	64.5	57.4
52.5°	122.8	125.5	124.6	122.8	119.2	114.8	111.2	107.6	104.0	96.8	88.8
50°	159.6	160.5	159.6	157.8	154.2	149.7	142.5	134.5	127.3	125.5	118.3
47.5°	200.8	203.5	203.5	202.6	199.9	191.9	181.1	169.4	164.1	162.3	155.1
45°	237.6	239.4	240.3	241.2	240.3	232.2	222.3	216.1	204.4	200.8	200.8
42.5°	247.4	248.3	249.2	250.1	252.8	246.5	238.5	227.7	225.0	224.1	222.3
40°	251.0	249.2	250.1	251.0	251.9	247.4	241.2	234.9	233.1	231.3	231.3
37.5°	285.1	277.0	270.7	265.4	260.9	256.4	250.1	244.7	240.3	236.7	240.3
35°	243.0	243.0	249.2	254.6	260.0	265.4	266.3	260.0	250.1	245.6	251.9
32.5°	248.3	248.3	248.3	250.1	251.9	256.4	260.9	263.6	270.7	262.7	262.7
30°	253.7	254.6	256.4	257.3	254.6	252.8	251.0	251.0	255.5	267.2	273.4
27.5°	285.1	285.1	282.4	278.8	270.7	258.2	251.9	243.0	243.8	249.2	264.5
25°	336.2	334.4	328.1	319.2	304.8	286.9	269.8	251.0	243.0	240.3	246.5
22.5°	384.6	381.9	373.8	365.8	354.1	336.2	307.5	278.8	253.7	243.0	240.3
20°	446.5	440.2	431.2	418.7	399.8	381.9	356.8	319.2	282.4	254.6	243.8
17.5°	546.0	537.9	520.9	498.5	466.2	438.4	402.5	366.7	325.4	280.6	256.4
15°	763.8	743.2	713.6	651.8	588.1	535.2	481.4	421.4	379.2	320.1	283.3
12.5°	1201.3	1144.8	1058.8	914.4	771.9	649.1	562.1	485.0	416.9	362.2	310.2
10°	2033.3	1912.2	1674.7	1280.2	1017.5	791.6	635.6	532.5	446.5	390.0	332.6
7.5°	5142.3	4194.7	2968.3	2027.0	1331.3	967.3	727.1	577.3	477.8	407.9	350.5
5°	20042.3	16510.0	8807.3	3675.7	2002.8	1169.9	809.5	613.2	498.5	421.4	364.0
2.5°	63607.9	54929.7	28819.0	7912.5	2459.1	1317.9	866.0	635.6	510.1	431.2	373.8
0°	91366.4	78304.3	40445.8	10406.6	2667.1	1355.5	884.0	640.1	511.9	433.0	373.8
-2.5°	83584.7	73153.0	39070.6	9684.0	2725.4	1366.3	898.3	655.3	525.4	441.1	376.5
-5°	49665.5	43563.8	27254.6	6904.9	2421.5	1268.6	860.6	641.9	516.4	436.6	374.7
-7.5°	13085.4	11328.2	7451.7	3603.1	1567.1	1073.1	790.7	619.5	504.7	428.5	367.6
-10°	3154.8	2989.8	2670.7	1637.0	1220.1	896.5	701.1	579.1	481.4	417.8	355.9
-12.5°	1521.4	1485.5	1348.3	1111.7	905.5	745.0	634.7	537.0	459.9	398.9	339.8
-15°	989.7	969.1	922.5	832.0	727.1	650.0	572.9	494.0	433.0	371.2	326.3
-17.5°	732.4	731.5	708.2	674.2	622.2	564.8	508.3	458.1	398.9	346.1	312.0
-20°	606.9	606.9	593.5	571.1	534.3	496.7	459.0	412.4	364.0	324.5	310.2

REPORT NUMBER: P723836

CATALOG NUMBER: IFLD-S-SA2A-830-U-11-VI

CANDELA DISTRIBUTION (continued):

	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°	20°	22.5°	25°
-22.5°	515.5	516.4	509.2	494.9	475.1	443.8	407.0	369.4	334.4	320.1	315.6
-25°	456.3	454.5	446.5	433.0	412.4	387.3	363.1	338.0	328.1	324.5	330.8
-27.5°	386.4	389.1	385.5	379.2	365.8	347.8	342.5	335.3	337.1	342.5	366.7
-30°	345.2	347.8	351.4	354.1	349.6	345.2	346.9	352.3	364.0	384.6	393.6
-32.5°	345.2	346.1	351.4	356.8	359.5	363.1	372.9	390.9	407.9	402.5	400.7
-35°	376.5	373.8	381.0	388.2	398.0	410.6	421.4	417.8	411.5	409.7	411.5
-37.5°	466.2	449.1	442.0	437.5	434.8	433.0	430.3	427.6	424.9	423.2	425.8
-40°	465.3	460.8	456.3	452.7	450.0	446.5	444.7	443.8	441.1	439.3	437.5
-42.5°	463.5	465.3	465.3	464.4	465.3	464.4	461.7	458.1	453.6	450.0	446.5
-45°	476.9	477.8	479.6	481.4	484.1	480.5	475.1	468.9	462.6	457.2	452.7
-47.5°	485.0	485.9	487.7	490.4	492.2	488.6	481.4	473.4	463.5	454.5	445.6
-50°	487.7	490.4	491.3	491.3	490.4	485.9	475.1	463.5	452.7	443.8	435.7
-52.5°	475.1	477.8	478.7	476.9	476.0	471.6	461.7	450.9	439.3	433.0	425.8
-55°	454.5	458.1	460.8	460.8	460.8	459.9	450.9	441.1	432.1	424.9	417.8
-57.5°	446.5	452.7	458.1	459.0	459.9	460.8	454.5	444.7	433.9	423.2	414.2
-60°	476.0	481.4	484.1	480.5	477.8	475.1	465.3	453.6	442.9	432.1	415.1
-62.5°	468.0	476.9	481.4	478.7	475.1	470.7	459.9	446.5	433.9	422.3	405.2
-65°	442.0	450.0	455.4	450.9	445.6	439.3	429.4	416.9	405.2	393.6	378.3
-67.5°	398.0	409.7	418.7	408.8	401.6	393.6	385.5	374.7	363.1	349.6	335.3
-70°	329.0	338.0	346.1	343.4	341.6	339.8	334.4	323.6	313.8	303.0	290.5
-72.5°	264.5	272.5	279.7	275.2	271.6	266.3	258.2	246.5	234.9	223.2	211.6
-75°	146.1	148.8	151.5	150.6	150.6	150.6	150.6	151.5	149.7	147.0	141.6
-77.5°	112.1	115.6	118.3	120.1	122.8	126.4	129.1	124.6	120.1	115.6	110.3
-80°	87.9	91.4	94.1	104.0	111.2	119.2	124.6	118.3	112.1	106.7	102.2
-82.5°	66.3	69.0	71.7	77.1	80.7	85.2	88.8	88.8	87.9	87.0	84.3
-85°	48.4	52.0	55.6	57.4	60.1	60.1	61.0	57.4	53.8	51.1	47.5
-87.5°	27.8	28.7	28.7	28.7	29.6	29.6	29.6	27.8	26.9	25.1	24.2
-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: P723836

CATALOG NUMBER: IFLD-S-SA2A-830-U-11-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°	0.9	0.9	0.9	1.8	1.8	2.7	2.7	3.6	3.6	4.5	4.5
85°	5.4	5.4	5.4	6.3	6.3	7.2	8.1	9.0	9.9	9.9	10.8
82.5°	9.0	9.9	10.8	11.7	12.6	13.4	14.3	15.2	17.9	19.7	20.6
80°	9.0	9.9	12.6	14.3	16.1	17.9	17.9	17.9	17.9	18.8	20.6
77.5°	6.3	7.2	8.1	9.9	14.3	17.9	20.6	22.4	20.6	19.7	17.9
75°	3.6	4.5	5.4	6.3	9.0	12.6	17.0	21.5	25.1	24.2	22.4
72.5°	3.6	3.6	4.5	5.4	6.3	7.2	8.1	12.6	17.9	22.4	25.1
70°	3.6	4.5	4.5	5.4	6.3	7.2	8.1	9.9	12.6	17.9	23.3
67.5°	3.6	4.5	4.5	6.3	8.1	9.0	9.9	9.0	8.1	11.7	17.0
65°	3.6	3.6	4.5	5.4	6.3	7.2	9.9	9.9	9.0	9.0	9.0
62.5°	5.4	5.4	5.4	5.4	6.3	6.3	6.3	8.1	8.1	8.1	8.1
60°	10.8	9.9	9.9	9.9	9.9	8.1	8.1	8.1	7.2	8.1	7.2
57.5°	26.0	21.5	19.7	19.7	17.0	16.1	13.4	9.9	9.9	8.1	8.1
55°	52.9	50.2	42.1	35.0	31.4	27.8	21.5	17.9	13.4	10.8	9.9
52.5°	81.6	74.4	67.2	58.3	49.3	42.1	35.9	27.8	22.4	16.1	12.6
50°	106.7	100.4	92.3	82.5	70.8	61.9	52.9	42.1	33.2	25.1	17.9
47.5°	145.2	132.7	122.8	111.2	97.7	85.2	73.5	61.0	46.6	36.8	27.8
45°	186.5	168.5	155.1	144.3	126.4	109.4	95.9	82.5	65.4	48.4	37.7
42.5°	215.2	201.7	183.8	169.4	153.3	135.4	117.4	103.1	85.2	65.4	48.4
40°	230.4	221.4	207.1	194.5	177.5	157.8	139.0	124.6	105.8	84.3	61.0
37.5°	242.1	237.6	230.4	220.5	204.4	181.1	162.3	145.2	129.1	104.0	78.9
35°	255.5	254.6	250.1	245.6	232.2	209.8	187.4	167.6	147.9	124.6	96.8
32.5°	268.1	267.2	264.5	262.7	257.3	237.6	213.4	191.0	168.5	144.3	113.9
30°	274.3	272.5	272.5	274.3	269.0	256.4	238.5	214.3	189.2	160.5	131.8
27.5°	274.3	272.5	273.4	276.1	275.2	269.0	255.5	235.8	208.0	175.7	147.9
25°	262.7	271.6	271.6	275.2	276.1	274.3	267.2	254.6	225.9	191.9	160.5
22.5°	246.5	268.1	276.1	275.2	276.1	280.6	281.5	269.8	243.0	208.0	173.0
20°	246.5	261.8	285.1	278.8	280.6	290.5	294.9	285.1	260.9	223.2	185.6
17.5°	251.9	261.8	281.5	291.4	294.1	302.1	309.3	303.0	277.0	239.4	202.6
15°	267.2	265.4	278.8	303.0	307.5	313.8	321.8	314.7	291.4	257.3	218.7
12.5°	277.9	268.1	278.8	304.8	319.2	325.4	328.1	322.7	303.9	273.4	234.9
10°	292.3	275.2	280.6	303.0	323.6	328.1	330.8	329.0	315.6	286.9	249.2
7.5°	303.0	278.8	278.8	300.3	328.1	331.7	333.5	335.3	325.4	298.5	261.8
5°	307.5	278.8	277.0	297.6	332.6	336.2	336.2	338.9	332.6	307.5	270.7
2.5°	308.4	277.9	275.2	295.8	340.7	340.7	338.9	341.6	338.0	312.9	277.0
0°	312.9	277.0	274.3	298.5	349.6	346.1	341.6	342.5	340.7	315.6	280.6
-2.5°	312.9	281.5	277.9	300.3	348.7	347.8	346.1	346.9	345.2	323.6	287.8
-5°	317.4	287.8	284.2	308.4	347.8	350.5	351.4	351.4	348.7	329.0	292.3
-7.5°	318.3	292.3	291.4	316.5	349.6	354.1	356.8	358.6	353.2	332.6	295.8
-10°	313.8	294.1	298.5	326.3	351.4	357.7	363.1	365.8	356.8	334.4	297.6
-12.5°	303.9	294.1	305.7	338.9	355.9	363.1	371.2	372.0	360.4	335.3	298.5
-15°	303.0	301.2	318.3	351.4	358.6	367.6	380.1	377.4	363.1	335.3	298.5
-17.5°	302.1	311.1	337.1	355.9	363.1	372.9	382.8	380.1	364.9	335.3	296.7
-20°	310.2	327.2	359.5	360.4	368.5	379.2	384.6	379.2	362.2	332.6	294.1

REPORT NUMBER: P723836

CATALOG NUMBER: IFLD-S-SA2A-830-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°	323.6	355.9	366.7	370.3	377.4	385.5	388.2	380.1	359.5	328.1	289.6
-25°	357.7	373.8	373.8	381.9	389.1	392.7	390.0	381.0	355.9	323.6	285.1
-27.5°	383.7	382.8	387.3	395.4	401.6	401.6	394.5	376.5	350.5	319.2	278.8
-30°	393.6	394.5	400.7	409.7	411.5	407.0	396.3	372.9	346.1	312.0	270.7
-32.5°	403.4	407.0	415.1	419.6	420.5	411.5	391.8	366.7	338.9	303.9	261.8
-35°	415.1	422.3	426.7	427.6	423.2	407.9	385.5	358.6	328.1	292.3	253.7
-37.5°	430.3	433.9	436.6	433.0	420.5	402.5	374.7	347.8	318.3	279.7	242.1
-40°	440.2	442.0	442.9	431.2	416.0	390.0	363.1	335.3	301.2	265.4	229.5
-42.5°	446.5	444.7	437.5	424.9	402.5	377.4	351.4	320.1	286.0	251.0	216.1
-45°	444.7	438.4	427.6	412.4	389.1	364.0	333.5	302.1	269.8	235.8	200.8
-47.5°	437.5	427.6	414.2	396.3	374.7	344.3	313.8	283.3	251.9	218.7	186.5
-50°	428.5	416.9	400.7	378.3	349.6	321.8	294.1	264.5	232.2	201.7	173.0
-52.5°	418.7	406.1	385.5	360.4	329.0	300.3	273.4	244.7	215.2	186.5	161.4
-55°	407.9	395.4	372.0	343.4	312.0	280.6	254.6	230.4	201.7	173.9	151.5
-57.5°	402.5	386.4	362.2	333.5	300.3	268.1	245.6	219.6	193.6	165.0	143.4
-60°	398.0	381.9	359.5	326.3	294.9	264.5	238.5	213.4	185.6	158.7	137.2
-62.5°	385.5	368.5	347.8	315.6	285.1	257.3	234.0	204.4	177.5	152.4	132.7
-65°	360.4	342.5	324.5	295.8	268.1	242.1	218.7	191.9	166.7	145.2	128.2
-67.5°	320.9	305.7	289.6	265.4	242.1	218.7	197.2	173.9	153.3	138.1	129.1
-70°	277.0	260.9	244.7	225.0	205.3	186.5	169.4	152.4	139.0	130.9	123.7
-72.5°	201.7	194.5	186.5	171.2	155.1	143.4	135.4	128.2	118.3	111.2	106.7
-75°	134.5	124.6	112.1	106.7	107.6	105.8	101.3	95.9	91.4	88.8	82.5
-77.5°	104.9	99.5	93.2	87.0	84.3	81.6	78.0	73.5	69.9	63.7	54.7
-80°	96.8	92.3	87.9	83.4	78.9	72.6	65.4	58.3	54.7	52.0	51.1
-82.5°	79.8	74.4	69.0	64.5	58.3	53.8	49.3	45.7	45.7	44.8	43.9
-85°	45.7	43.9	41.2	39.4	37.7	35.0	32.3	30.5	29.6	28.7	27.8
-87.5°	23.3	22.4	20.6	19.7	18.8	17.9	16.1	15.2	14.3	14.3	13.4
-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: P723836

CATALOG NUMBER: IFLD-S-SA2A-830-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°	4.5	4.5	3.6	3.6	3.6	2.7	1.8	1.8	0.9	0.9	0.0
85°	10.8	9.0	8.1	7.2	7.2	5.4	3.6	2.7	1.8	0.9	0.9
82.5°	20.6	17.9	15.2	13.4	10.8	8.1	6.3	4.5	2.7	1.8	0.9
80°	23.3	23.3	22.4	18.8	15.2	11.7	8.1	5.4	3.6	2.7	1.8
77.5°	17.9	19.7	19.7	19.7	18.8	14.3	9.9	6.3	3.6	2.7	1.8
75°	20.6	17.9	17.0	17.9	17.0	14.3	11.7	7.2	4.5	3.6	1.8
72.5°	25.1	21.5	18.8	17.9	16.1	13.4	10.8	8.1	4.5	3.6	2.7
70°	23.3	22.4	20.6	18.8	16.1	13.4	10.8	8.1	5.4	3.6	2.7
67.5°	20.6	20.6	20.6	18.8	16.1	12.6	9.9	7.2	5.4	3.6	2.7
65°	14.3	17.0	18.8	17.9	16.1	12.6	9.9	7.2	5.4	4.5	2.7
62.5°	9.0	11.7	15.2	17.0	15.2	12.6	9.0	7.2	5.4	4.5	2.7
60°	8.1	9.0	10.8	13.4	14.3	11.7	9.0	6.3	5.4	4.5	2.7
57.5°	8.1	8.1	9.0	10.8	11.7	10.8	8.1	5.4	5.4	4.5	3.6
55°	9.0	8.1	8.1	9.0	9.9	9.9	8.1	5.4	5.4	4.5	3.6
52.5°	10.8	9.0	8.1	8.1	8.1	9.0	7.2	5.4	5.4	4.5	3.6
50°	13.4	10.8	9.9	8.1	8.1	8.1	7.2	5.4	4.5	4.5	3.6
47.5°	17.9	14.3	10.8	9.9	8.1	7.2	6.3	5.4	4.5	4.5	3.6
45°	26.9	17.0	14.3	10.8	9.0	8.1	7.2	5.4	4.5	4.5	3.6
42.5°	36.8	25.1	17.9	12.6	9.9	8.1	7.2	6.3	4.5	4.5	3.6
40°	46.6	34.1	22.4	16.1	11.7	9.0	7.2	6.3	5.4	4.5	3.6
37.5°	57.4	42.1	29.6	20.6	13.4	9.9	8.1	6.3	5.4	4.5	3.6
35°	70.8	52.9	36.8	25.1	16.1	11.7	9.0	6.3	5.4	4.5	3.6
32.5°	86.1	62.8	43.9	30.5	20.6	14.3	9.9	7.2	5.4	4.5	3.6
30°	100.4	74.4	52.0	36.8	25.1	16.1	10.8	7.2	5.4	4.5	2.7
27.5°	114.8	86.1	61.9	43.0	30.5	18.8	11.7	8.1	5.4	4.5	3.6
25°	129.1	97.7	71.7	49.3	35.0	22.4	14.3	9.0	5.4	4.5	3.6
22.5°	141.6	109.4	80.7	56.5	40.3	26.0	16.1	9.9	6.3	4.5	3.6
20°	156.0	121.9	90.5	64.5	44.8	29.6	17.9	10.8	6.3	4.5	3.6
17.5°	169.4	134.5	100.4	71.7	50.2	33.2	20.6	11.7	7.2	4.5	3.6
15°	182.9	146.1	109.4	78.9	55.6	36.8	22.4	12.6	8.1	4.5	3.6
12.5°	195.4	156.9	117.4	85.2	60.1	40.3	24.2	13.4	9.0	4.5	3.6
10°	207.1	166.7	125.5	90.5	64.5	43.0	26.0	15.2	9.9	4.5	3.6
7.5°	218.7	174.8	131.8	95.9	69.9	46.6	27.8	16.1	10.8	5.4	3.6
5°	225.9	182.0	137.2	100.4	74.4	50.2	29.6	17.0	11.7	5.4	3.6
2.5°	232.2	187.4	140.8	104.9	78.9	52.9	29.6	17.9	12.6	5.4	3.6
0°	235.8	191.0	143.4	107.6	82.5	54.7	30.5	18.8	13.4	5.4	3.6
-2.5°	243.8	197.2	149.7	111.2	86.1	60.1	32.3	19.7	14.3	6.3	3.6
-5°	249.2	200.8	154.2	114.8	88.8	65.4	35.0	21.5	16.1	8.1	4.5
-7.5°	253.7	204.4	157.8	116.5	91.4	67.2	35.9	22.4	17.0	9.0	4.5
-10°	254.6	206.2	160.5	119.2	93.2	69.9	36.8	23.3	17.9	9.9	4.5
-12.5°	255.5	208.0	161.4	121.0	95.0	71.7	37.7	24.2	18.8	10.8	4.5
-15°	254.6	207.1	161.4	122.8	95.9	69.9	39.4	25.1	19.7	11.7	4.5
-17.5°	252.8	206.2	160.5	121.9	95.0	68.1	40.3	26.9	19.7	12.6	5.4
-20°	250.1	203.5	158.7	121.0	94.1	66.3	41.2	27.8	20.6	12.6	5.4

REPORT NUMBER: P723836

CATALOG NUMBER: IFLD-S-SA2A-830-U-11-VI

CANDELA DISTRIBUTION (continued):

	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°	75°	77.5°	80°
-22.5°	245.6	199.0	155.1	118.3	92.3	64.5	41.2	29.6	21.5	12.6	5.4
-25°	240.3	194.5	151.5	114.8	89.7	61.9	41.2	30.5	22.4	12.6	5.4
-27.5°	234.0	190.1	146.1	112.1	86.1	60.1	41.2	31.4	23.3	12.6	5.4
-30°	226.8	183.8	141.6	107.6	83.4	60.1	42.1	32.3	24.2	12.6	5.4
-32.5°	219.6	177.5	136.3	104.0	79.8	59.2	42.1	33.2	25.1	11.7	6.3
-35°	211.6	170.3	131.8	101.3	77.1	57.4	43.0	33.2	24.2	11.7	6.3
-37.5°	201.7	161.4	127.3	98.6	75.3	55.6	43.0	34.1	23.3	11.7	6.3
-40°	191.0	154.2	121.9	95.0	72.6	54.7	43.0	34.1	22.4	11.7	7.2
-42.5°	179.3	146.1	116.5	91.4	69.9	53.8	43.0	34.1	21.5	11.7	7.2
-45°	168.5	138.1	110.3	87.0	67.2	53.8	43.0	33.2	19.7	12.6	7.2
-47.5°	156.9	129.1	103.1	82.5	66.3	52.9	42.1	31.4	17.9	12.6	7.2
-50°	147.0	120.1	97.7	78.0	64.5	53.8	43.0	28.7	17.9	12.6	7.2
-52.5°	137.2	113.9	91.4	76.2	62.8	54.7	42.1	26.9	17.9	12.6	7.2
-55°	129.1	107.6	87.9	73.5	64.5	56.5	40.3	24.2	17.9	12.6	7.2
-57.5°	122.8	104.0	85.2	74.4	67.2	54.7	37.7	23.3	17.9	11.7	7.2
-60°	118.3	100.4	86.1	78.0	68.1	52.0	35.9	23.3	17.9	11.7	6.3
-62.5°	114.8	101.3	90.5	80.7	64.5	48.4	34.1	23.3	16.1	10.8	6.3
-65°	115.6	104.9	92.3	77.1	61.9	44.8	31.4	22.4	15.2	9.9	6.3
-67.5°	118.3	102.2	87.0	72.6	55.6	40.3	28.7	20.6	14.3	9.9	6.3
-70°	109.4	94.1	78.9	61.9	47.5	35.0	26.9	18.8	12.6	9.0	6.3
-72.5°	98.6	78.9	62.8	50.2	40.3	32.3	24.2	17.0	11.7	8.1	5.4
-75°	71.7	57.4	46.6	42.1	35.9	28.7	21.5	15.2	10.8	8.1	5.4
-77.5°	51.1	47.5	43.0	38.5	32.3	25.1	18.8	14.3	9.9	7.2	4.5
-80°	50.2	45.7	40.3	33.2	26.9	21.5	16.1	12.6	9.0	6.3	3.6
-82.5°	42.1	35.9	30.5	25.1	20.6	17.0	13.4	9.9	7.2	4.5	2.7
-85°	26.0	22.4	19.7	17.0	14.3	11.7	9.0	6.3	4.5	2.7	1.8
-87.5°	12.6	11.7	9.9	8.1	7.2	5.4	4.5	3.6	2.7	1.8	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: P723836

CATALOG NUMBER: IFLD-S-SA2A-830-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°	1.8	0.9	0.9	0.0
67.5°	1.8	0.9	0.9	0.0
65°	1.8	0.9	0.9	0.0
62.5°	1.8	0.9	0.9	0.0
60°	1.8	0.9	0.9	0.0
57.5°	1.8	0.9	0.9	0.0
55°	1.8	0.9	0.9	0.0
52.5°	1.8	0.9	0.9	0.0
50°	1.8	0.9	0.9	0.0
47.5°	1.8	1.8	0.9	0.0
45°	1.8	1.8	0.9	0.0
42.5°	1.8	1.8	0.9	0.0
40°	1.8	1.8	0.9	0.0
37.5°	1.8	1.8	0.9	0.0
35°	1.8	1.8	0.9	0.0
32.5°	2.7	1.8	0.9	0.0
30°	2.7	1.8	1.8	0.0
27.5°	2.7	1.8	1.8	0.0
25°	2.7	1.8	1.8	0.0
22.5°	2.7	1.8	1.8	0.0
20°	2.7	1.8	1.8	0.0
17.5°	2.7	1.8	1.8	0.0
15°	2.7	1.8	1.8	0.0
12.5°	2.7	1.8	1.8	0.0
10°	2.7	1.8	1.8	0.0
7.5°	2.7	1.8	1.8	0.0
5°	2.7	1.8	1.8	0.0
2.5°	2.7	1.8	1.8	0.0
0°	2.7	1.8	1.8	0.0
-2.5°	2.7	1.8	1.8	0.0
-5°	2.7	1.8	1.8	0.0
-7.5°	2.7	1.8	1.8	0.0
-10°	2.7	1.8	1.8	0.0
-12.5°	3.6	1.8	1.8	0.0
-15°	3.6	1.8	1.8	0.0
-17.5°	3.6	1.8	1.8	0.0
-20°	3.6	1.8	1.8	0.0

REPORT NUMBER: P723836

CATALOG NUMBER: IFLD-S-SA2A-830-U-11-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	3.6	1.8	1.8	0.0
-25°	3.6	1.8	1.8	0.0
-27.5°	3.6	1.8	1.8	0.0
-30°	3.6	1.8	1.8	0.0
-32.5°	3.6	1.8	1.8	0.0
-35°	3.6	1.8	1.8	0.0
-37.5°	3.6	1.8	1.8	0.0
-40°	3.6	1.8	1.8	0.0
-42.5°	2.7	1.8	0.9	0.0
-45°	3.6	1.8	0.9	0.0
-47.5°	3.6	1.8	0.9	0.0
-50°	3.6	1.8	0.9	0.0
-52.5°	3.6	1.8	0.9	0.0
-55°	3.6	1.8	0.9	0.0
-57.5°	3.6	1.8	0.9	0.0
-60°	3.6	1.8	0.9	0.0
-62.5°	3.6	1.8	0.9	0.0
-65°	3.6	1.8	0.9	0.0
-67.5°	3.6	1.8	0.9	0.0
-70°	3.6	0.9	0.9	0.0
-72.5°	2.7	0.9	0.9	0.0
-75°	2.7	0.9	0.9	0.0
-77.5°	1.8	0.9	0.0	0.0
-80°	1.8	0.9	0.0	0.0
-82.5°	1.8	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)