

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: P723842

Luminaire Tested: **IFLD-S-SA3B-830-U-11-VI**

Issue Date: 01/11/2023

Test Information

Test Method: LM-79-2019
Report Number: P723842
Test Lab: INNOVATION CENTER(G2)
Issue Date: 01/11/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA3B-830-U-11-VI
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 1 distribution lens and Visor
Light Source: (48) 3000K CCT, 80 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

Summary

Lumens per Lamp:	N/A	NEMA Type:	1H x 1V
Luminaire Lumens:	7157.8 lumens	Max Intensity:	168397 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	58.5 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' 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:	2595.7 lumens	Field Lumens:	4138 lumens
Beam Efficiency:	36.3%	Field Efficiency:	57.8%

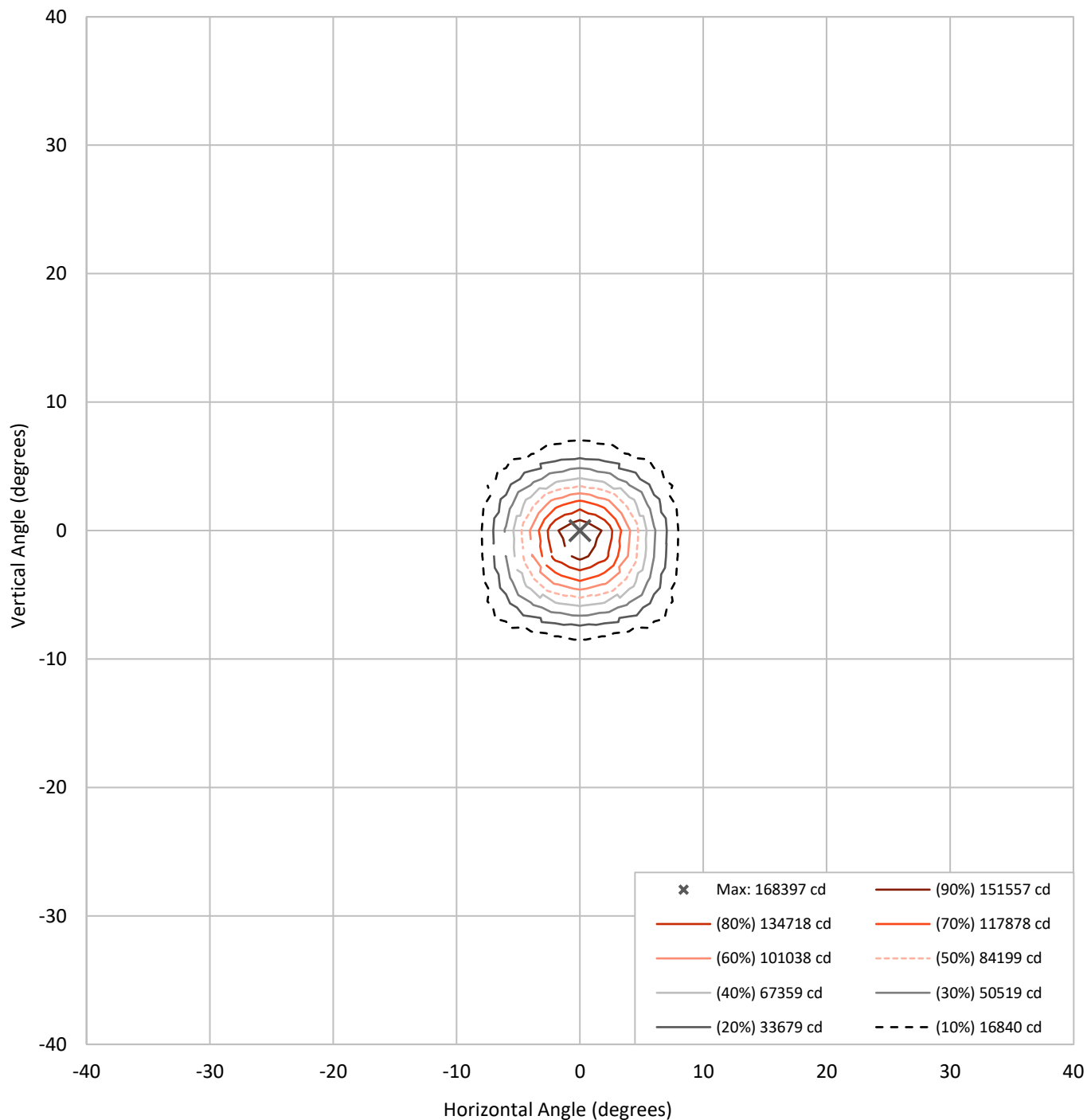
Input Watts (W): 122.4
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 28.75 FT



REPORT NUMBER: P723842

CATALOG NUMBER: IFLD-S-SA3B-830-U-11-VI

Iso-Candela Plot



CATALOG NUMBER: IFLD-S-SA3B-830-U-11-VI

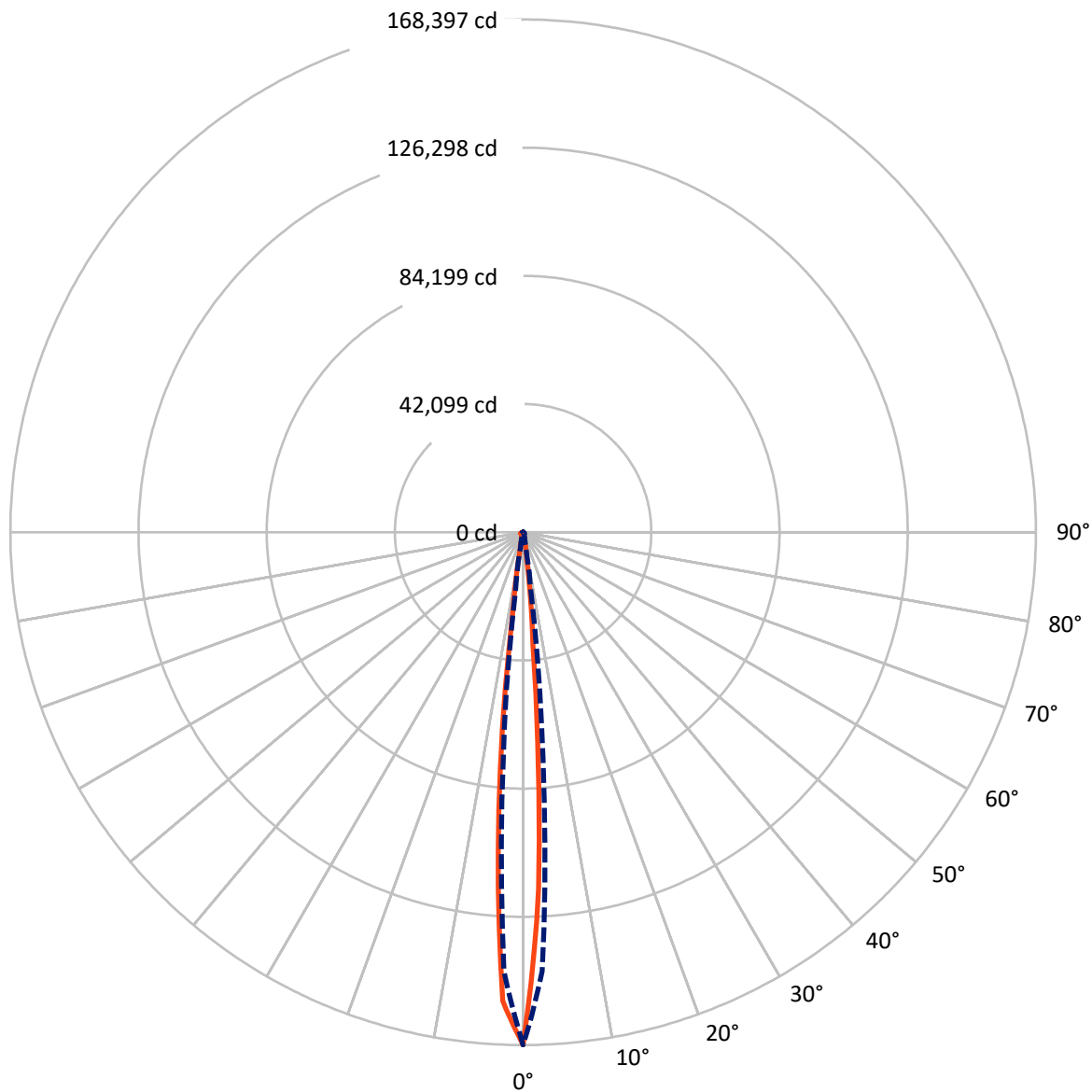
Lumen Table

[illegible]

REPORT NUMBER: P723842

CATALOG NUMBER: IFLD-S-SA3B-830-U-11-VI

Luminous Intensity Polar Plot



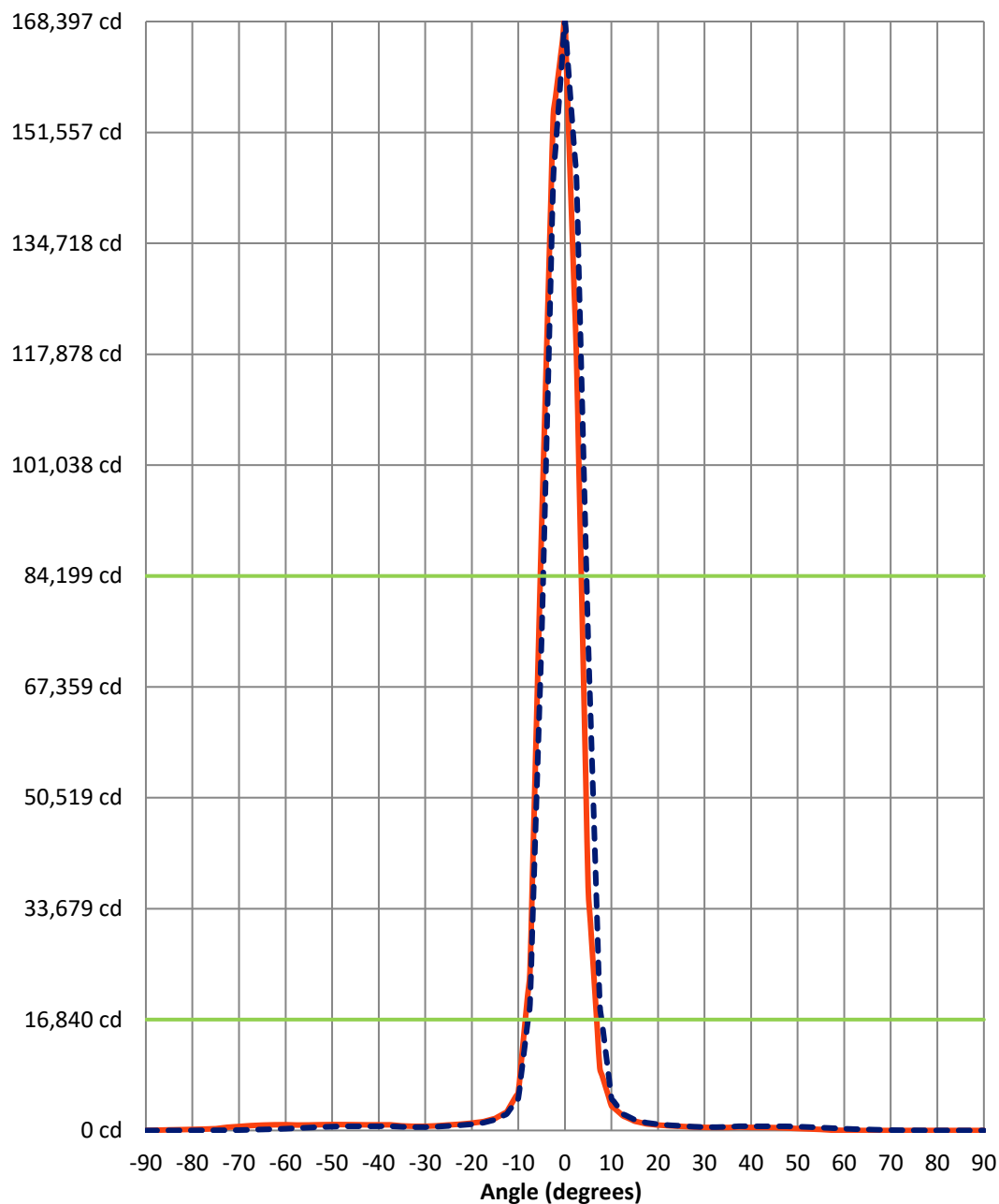
— Vertical Distribution Through 0-Deg

- - - Horizontal Distribution Through 0-Deg

REPORT NUMBER: P723842

CATALOG NUMBER: IFLD-S-SA3B-830-U-11-VI

Luminous Intensity Plot



Beam:

H Angle: 9.3°

V Angle: 8.8°

Lumens: 2595.7

Efficiency: 36.3%

Field:

H Angle: 15.8°

V Angle: 15.3°

Lumens: 4138

Efficiency: 57.8%

Spill:

Lumens: 3019.7

Efficiency: 42.2%

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

REPORT NUMBER: P723842

CATALOG NUMBER: IFLD-S-SA3B-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	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
85°	0.0	1.7	1.7	3.3	3.3	3.3	5.0	6.6	8.3	8.3	9.9
82.5°	0.0	1.7	1.7	3.3	3.3	5.0	5.0	8.3	9.9	11.6	14.9
80°	1.7	1.7	1.7	3.3	3.3	5.0	5.0	6.6	8.3	11.6	13.2
77.5°	0.0	1.7	1.7	1.7	3.3	3.3	3.3	5.0	6.6	8.3	9.9
75°	0.0	1.7	1.7	1.7	3.3	3.3	3.3	3.3	5.0	5.0	6.6
72.5°	0.0	0.0	0.0	1.7	1.7	3.3	3.3	3.3	5.0	5.0	5.0
70°	0.0	0.0	0.0	1.7	1.7	3.3	3.3	3.3	5.0	5.0	5.0
67.5°	0.0	0.0	0.0	1.7	1.7	3.3	3.3	3.3	5.0	5.0	5.0
65°	0.0	0.0	0.0	1.7	1.7	3.3	3.3	5.0	5.0	5.0	5.0
62.5°	1.7	1.7	1.7	3.3	5.0	5.0	6.6	8.3	8.3	8.3	8.3
60°	16.5	18.2	19.8	19.8	18.2	18.2	19.8	19.8	19.8	19.8	19.8
57.5°	44.6	47.9	49.6	49.6	49.6	47.9	54.5	56.2	49.6	46.3	51.2
55°	155.3	160.3	157.0	152.0	142.1	130.5	127.2	125.6	127.2	119.0	105.7
52.5°	226.4	231.3	229.7	226.4	219.8	211.5	204.9	198.3	191.7	178.5	163.6
50°	294.1	295.8	294.1	290.8	284.2	275.9	262.7	247.9	234.6	231.3	218.1
47.5°	370.1	375.1	375.1	373.4	368.5	353.6	333.8	312.3	302.4	299.1	285.9
45°	437.9	441.2	442.8	444.5	442.8	428.0	409.8	398.2	376.7	370.1	370.1
42.5°	456.0	457.7	459.4	461.0	466.0	454.4	439.5	419.7	414.7	413.1	409.8
40°	462.7	459.4	461.0	462.7	464.3	456.0	444.5	432.9	429.6	426.3	426.3
37.5°	525.4	510.6	499.0	489.1	480.8	472.6	461.0	451.1	442.8	436.2	442.8
35°	447.8	447.8	459.4	469.3	479.2	489.1	490.7	479.2	461.0	452.7	464.3
32.5°	457.7	457.7	457.7	461.0	464.3	472.6	480.8	485.8	499.0	484.1	484.1
30°	467.6	469.3	472.6	474.2	469.3	466.0	462.7	462.7	470.9	492.4	504.0
27.5°	525.4	525.4	520.5	513.9	499.0	475.9	464.3	447.8	449.4	459.4	487.4
25°	619.6	616.3	604.8	588.2	561.8	528.7	497.4	462.7	447.8	442.8	454.4
22.5°	708.9	703.9	689.0	674.2	652.7	619.6	566.8	513.9	467.6	447.8	442.8
20°	822.9	811.3	794.8	771.6	736.9	703.9	657.6	588.2	520.5	469.3	449.4
17.5°	1006.3	991.4	960.0	918.7	859.2	808.0	741.9	675.8	599.8	517.2	472.6
15°	1407.8	1369.8	1315.3	1201.3	1083.9	986.4	887.3	776.6	698.9	589.9	522.1
12.5°	2214.1	2110.0	1951.4	1685.4	1422.7	1196.3	1036.0	893.9	768.3	667.5	571.7
10°	3747.5	3524.4	3086.6	2359.5	1875.4	1459.0	1171.5	981.5	822.9	718.8	613.0
7.5°	9477.8	7731.3	5470.9	3735.9	2453.7	1782.9	1340.1	1064.1	880.7	751.8	646.1
5°	36939.8	30429.6	16232.6	6774.6	3691.3	2156.3	1492.1	1130.2	918.7	776.6	670.9
2.5°	117235.4	101240.8	53116.2	14583.6	4532.4	2428.9	1596.2	1171.5	940.2	794.8	689.0
0°	168397.0	144322.3	74545.5	19180.4	4915.7	2498.3	1629.2	1179.8	943.5	798.1	689.0
-2.5°	154054.6	134827.9	72010.8	17848.6	5023.1	2518.2	1655.6	1207.9	968.3	813.0	694.0
-5°	91538.2	80292.3	50232.9	12726.4	4463.0	2338.1	1586.2	1183.1	951.7	804.7	690.7
-7.5°	24117.6	20879.0	13734.3	6640.8	2888.3	1977.9	1457.4	1141.8	930.3	789.8	677.5
-10°	5814.6	5510.6	4922.3	3017.2	2248.8	1652.3	1292.1	1067.4	887.3	770.0	656.0
-12.5°	2804.0	2737.9	2485.1	2048.9	1668.9	1373.1	1169.9	989.8	847.7	735.3	626.2
-15°	1824.2	1786.2	1700.3	1533.4	1340.1	1197.9	1055.8	910.4	798.1	684.1	601.5
-17.5°	1350.0	1348.3	1305.4	1242.6	1146.7	1041.0	936.9	844.3	735.3	637.8	575.0
-20°	1118.6	1118.6	1093.9	1052.5	984.8	915.4	846.0	760.1	670.9	598.1	571.7

REPORT NUMBER: P723842

CATALOG NUMBER: IFLD-S-SA3B-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°	950.1	951.7	938.5	912.1	875.7	817.9	750.2	680.8	616.3	589.9	581.6
-25°	841.0	837.7	822.9	798.1	760.1	713.8	669.2	622.9	604.8	598.1	609.7
-27.5°	712.2	717.1	710.5	698.9	674.2	641.1	631.2	618.0	621.3	631.2	675.8
-30°	636.2	641.1	647.7	652.7	644.4	636.2	639.5	649.4	670.9	708.9	725.4
-32.5°	636.2	637.8	647.7	657.6	662.6	669.2	687.4	720.4	751.8	741.9	738.6
-35°	694.0	689.0	702.2	715.5	733.6	756.8	776.6	770.0	758.4	755.1	758.4
-37.5°	859.2	827.8	814.6	806.3	801.4	798.1	793.1	788.2	783.2	779.9	784.9
-40°	857.6	849.3	841.0	834.4	829.5	822.9	819.6	817.9	813.0	809.6	806.3
-42.5°	854.3	857.6	857.6	855.9	857.6	855.9	851.0	844.3	836.1	829.5	822.9
-45°	879.0	880.7	884.0	887.3	892.3	885.7	875.7	864.2	852.6	842.7	834.4
-47.5°	893.9	895.6	898.9	903.8	907.1	900.5	887.3	872.4	854.3	837.7	821.2
-50°	898.9	903.8	905.5	905.5	903.8	895.6	875.7	854.3	834.4	817.9	803.0
-52.5°	875.7	880.7	882.4	879.0	877.4	869.1	851.0	831.1	809.6	798.1	784.9
-55°	837.7	844.3	849.3	849.3	849.3	847.7	831.1	813.0	796.4	783.2	770.0
-57.5°	822.9	834.4	844.3	846.0	847.7	849.3	837.7	819.6	799.7	779.9	763.4
-60°	877.4	887.3	892.3	885.7	880.7	875.7	857.6	836.1	816.3	796.4	765.0
-62.5°	862.5	879.0	887.3	882.4	875.7	867.5	847.7	822.9	799.7	778.3	746.9
-65°	814.6	829.5	839.4	831.1	821.2	809.6	791.5	768.3	746.9	725.4	697.3
-67.5°	733.6	755.1	771.6	753.5	740.2	725.4	710.5	690.7	669.2	644.4	618.0
-70°	606.4	622.9	637.8	632.8	629.5	626.2	616.3	596.5	578.3	558.5	535.4
-72.5°	487.4	502.3	515.5	507.3	500.7	490.7	475.9	454.4	432.9	411.4	390.0
-75°	269.3	274.3	279.2	277.6	277.6	277.6	277.6	279.2	275.9	271.0	261.1
-77.5°	206.5	213.2	218.1	221.4	226.4	233.0	237.9	229.7	221.4	213.2	203.2
-80°	161.9	168.5	173.5	191.7	204.9	219.8	229.7	218.1	206.5	196.6	188.4
-82.5°	122.3	127.2	132.2	142.1	148.7	157.0	163.6	163.6	161.9	160.3	155.3
-85°	89.2	95.8	102.4	105.7	110.7	110.7	112.4	105.7	99.1	94.2	87.6
-87.5°	51.2	52.9	52.9	52.9	54.5	54.5	54.5	51.2	49.6	46.3	44.6
-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: P723842

CATALOG NUMBER: IFLD-S-SA3B-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°	1.7	1.7	1.7	3.3	3.3	5.0	5.0	6.6	6.6	8.3	8.3
85°	9.9	9.9	9.9	11.6	11.6	13.2	14.9	16.5	18.2	18.2	19.8
82.5°	16.5	18.2	19.8	21.5	23.1	24.8	26.4	28.1	33.0	36.4	38.0
80°	16.5	18.2	23.1	26.4	29.7	33.0	33.0	33.0	33.0	34.7	38.0
77.5°	11.6	13.2	14.9	18.2	26.4	33.0	38.0	41.3	38.0	36.4	33.0
75°	6.6	8.3	9.9	11.6	16.5	23.1	31.4	39.7	46.3	44.6	41.3
72.5°	6.6	6.6	8.3	9.9	11.6	13.2	14.9	23.1	33.0	41.3	46.3
70°	6.6	8.3	8.3	9.9	11.6	13.2	14.9	18.2	23.1	33.0	43.0
67.5°	6.6	8.3	8.3	11.6	14.9	16.5	18.2	16.5	14.9	21.5	31.4
65°	6.6	6.6	8.3	9.9	11.6	13.2	18.2	18.2	16.5	16.5	16.5
62.5°	9.9	9.9	9.9	9.9	11.6	11.6	11.6	14.9	14.9	14.9	14.9
60°	19.8	18.2	18.2	18.2	18.2	14.9	14.9	14.9	13.2	14.9	13.2
57.5°	47.9	39.7	36.4	36.4	31.4	29.7	24.8	18.2	18.2	14.9	14.9
55°	97.5	92.5	77.7	64.4	57.8	51.2	39.7	33.0	24.8	19.8	18.2
52.5°	150.4	137.1	123.9	107.4	90.9	77.7	66.1	51.2	41.3	29.7	23.1
50°	196.6	185.1	170.2	152.0	130.5	114.0	97.5	77.7	61.1	46.3	33.0
47.5°	267.7	244.5	226.4	204.9	180.1	157.0	135.5	112.4	85.9	67.7	51.2
45°	343.7	310.6	285.9	266.0	233.0	201.6	176.8	152.0	120.6	89.2	69.4
42.5°	396.6	371.8	338.7	312.3	282.6	249.5	216.5	190.0	157.0	120.6	89.2
40°	424.7	408.1	381.7	358.6	327.2	290.8	256.1	229.7	195.0	155.3	112.4
37.5°	446.1	437.9	424.7	406.5	376.7	333.8	299.1	267.7	237.9	191.7	145.4
35°	470.9	469.3	461.0	452.7	428.0	386.6	345.3	309.0	272.6	229.7	178.5
32.5°	494.1	492.4	487.4	484.1	474.2	437.9	393.3	351.9	310.6	266.0	209.8
30°	505.6	502.3	502.3	505.6	495.7	472.6	439.5	394.9	348.6	295.8	242.9
27.5°	505.6	502.3	504.0	508.9	507.3	495.7	470.9	434.6	383.3	323.9	272.6
25°	484.1	500.7	500.7	507.3	508.9	505.6	492.4	469.3	416.4	353.6	295.8
22.5°	454.4	494.1	508.9	507.3	508.9	517.2	518.8	497.4	447.8	383.3	318.9
20°	454.4	482.5	525.4	513.9	517.2	535.4	543.6	525.4	480.8	411.4	342.0
17.5°	464.3	482.5	518.8	537.0	542.0	556.8	570.1	558.5	510.6	441.2	373.4
15°	492.4	489.1	513.9	558.5	566.8	578.3	593.2	580.0	537.0	474.2	403.2
12.5°	512.2	494.1	513.9	561.8	588.2	599.8	604.8	594.8	560.1	504.0	432.9
10°	538.7	507.3	517.2	558.5	596.5	604.8	609.7	606.4	581.6	528.7	459.4
7.5°	558.5	513.9	513.9	553.5	604.8	611.4	614.7	618.0	599.8	550.2	482.5
5°	566.8	513.9	510.6	548.6	613.0	619.6	619.6	624.6	613.0	566.8	499.0
2.5°	568.4	512.2	507.3	545.3	627.9	627.9	624.6	629.5	622.9	576.7	510.6
0°	576.7	510.6	505.6	550.2	644.4	637.8	629.5	631.2	627.9	581.6	517.2
-2.5°	576.7	518.8	512.2	553.5	642.8	641.1	637.8	639.5	636.2	596.5	530.4
-5°	584.9	530.4	523.8	568.4	641.1	646.1	647.7	647.7	642.8	606.4	538.7
-7.5°	586.6	538.7	537.0	583.3	644.4	652.7	657.6	660.9	651.0	613.0	545.3
-10°	578.3	542.0	550.2	601.5	647.7	659.3	669.2	674.2	657.6	616.3	548.6
-12.5°	560.1	542.0	563.4	624.6	656.0	669.2	684.1	685.7	664.2	618.0	550.2
-15°	558.5	555.2	586.6	647.7	660.9	677.5	700.6	695.6	669.2	618.0	550.2
-17.5°	556.8	573.4	621.3	656.0	669.2	687.4	705.6	700.6	672.5	618.0	546.9
-20°	571.7	603.1	662.6	664.2	679.1	698.9	708.9	698.9	667.5	613.0	542.0

REPORT NUMBER: P723842

CATALOG NUMBER: IFLD-S-SA3B-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°	596.5	656.0	675.8	682.4	695.6	710.5	715.5	700.6	662.6	604.8	533.7
-25°	659.3	689.0	689.0	703.9	717.1	723.7	718.8	702.2	656.0	596.5	525.4
-27.5°	707.2	705.6	713.8	728.7	740.2	740.2	727.0	694.0	646.1	588.2	513.9
-30°	725.4	727.0	738.6	755.1	758.4	750.2	730.3	687.4	637.8	575.0	499.0
-32.5°	743.6	750.2	765.0	773.3	774.9	758.4	722.1	675.8	624.6	560.1	482.5
-35°	765.0	778.3	786.5	788.2	779.9	751.8	710.5	660.9	604.8	538.7	467.6
-37.5°	793.1	799.7	804.7	798.1	774.9	741.9	690.7	641.1	586.6	515.5	446.1
-40°	811.3	814.6	816.3	794.8	766.7	718.8	669.2	618.0	555.2	489.1	423.0
-42.5°	822.9	819.6	806.3	783.2	741.9	695.6	647.7	589.9	527.1	462.7	398.2
-45°	819.6	808.0	788.2	760.1	717.1	670.9	614.7	556.8	497.4	434.6	370.1
-47.5°	806.3	788.2	763.4	730.3	690.7	634.5	578.3	522.1	464.3	403.2	343.7
-50°	789.8	768.3	738.6	697.3	644.4	593.2	542.0	487.4	428.0	371.8	318.9
-52.5°	771.6	748.5	710.5	664.2	606.4	553.5	504.0	451.1	396.6	343.7	297.4
-55°	751.8	728.7	685.7	632.8	575.0	517.2	469.3	424.7	371.8	320.6	279.2
-57.5°	741.9	712.2	667.5	614.7	553.5	494.1	452.7	404.8	356.9	304.0	264.4
-60°	733.6	703.9	662.6	601.5	543.6	487.4	439.5	393.3	342.0	292.5	252.8
-62.5°	710.5	679.1	641.1	581.6	525.4	474.2	431.3	376.7	327.2	280.9	244.5
-65°	664.2	631.2	598.1	545.3	494.1	446.1	403.2	353.6	307.3	267.7	236.3
-67.5°	591.5	563.4	533.7	489.1	446.1	403.2	363.5	320.6	282.6	254.5	237.9
-70°	510.6	480.8	451.1	414.7	378.4	343.7	312.3	280.9	256.1	241.2	228.0
-72.5°	371.8	358.6	343.7	315.6	285.9	264.4	249.5	236.3	218.1	204.9	196.6
-75°	247.9	229.7	206.5	196.6	198.3	195.0	186.7	176.8	168.5	163.6	152.0
-77.5°	193.3	183.4	171.8	160.3	155.3	150.4	143.8	135.5	128.9	117.3	100.8
-80°	178.5	170.2	161.9	153.7	145.4	133.8	120.6	107.4	100.8	95.8	94.2
-82.5°	147.1	137.1	127.2	119.0	107.4	99.1	90.9	84.3	84.3	82.6	81.0
-85°	84.3	81.0	76.0	72.7	69.4	64.4	59.5	56.2	54.5	52.9	51.2
-87.5°	43.0	41.3	38.0	36.4	34.7	33.0	29.7	28.1	26.4	26.4	24.8
-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: P723842

CATALOG NUMBER: IFLD-S-SA3B-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°	8.3	8.3	6.6	6.6	6.6	5.0	3.3	3.3	1.7	1.7	0.0
85°	19.8	16.5	14.9	13.2	13.2	9.9	6.6	5.0	3.3	1.7	1.7
82.5°	38.0	33.0	28.1	24.8	19.8	14.9	11.6	8.3	5.0	3.3	1.7
80°	43.0	43.0	41.3	34.7	28.1	21.5	14.9	9.9	6.6	5.0	3.3
77.5°	33.0	36.4	36.4	36.4	34.7	26.4	18.2	11.6	6.6	5.0	3.3
75°	38.0	33.0	31.4	33.0	31.4	26.4	21.5	13.2	8.3	6.6	3.3
72.5°	46.3	39.7	34.7	33.0	29.7	24.8	19.8	14.9	8.3	6.6	5.0
70°	43.0	41.3	38.0	34.7	29.7	24.8	19.8	14.9	9.9	6.6	5.0
67.5°	38.0	38.0	38.0	34.7	29.7	23.1	18.2	13.2	9.9	6.6	5.0
65°	26.4	31.4	34.7	33.0	29.7	23.1	18.2	13.2	9.9	8.3	5.0
62.5°	16.5	21.5	28.1	31.4	28.1	23.1	16.5	13.2	9.9	8.3	5.0
60°	14.9	16.5	19.8	24.8	26.4	21.5	16.5	11.6	9.9	8.3	5.0
57.5°	14.9	14.9	16.5	19.8	21.5	19.8	14.9	9.9	9.9	8.3	6.6
55°	16.5	14.9	14.9	16.5	18.2	18.2	14.9	9.9	9.9	8.3	6.6
52.5°	19.8	16.5	14.9	14.9	14.9	16.5	13.2	9.9	9.9	8.3	6.6
50°	24.8	19.8	18.2	14.9	14.9	14.9	13.2	9.9	8.3	8.3	6.6
47.5°	33.0	26.4	19.8	18.2	14.9	13.2	11.6	9.9	8.3	8.3	6.6
45°	49.6	31.4	26.4	19.8	16.5	14.9	13.2	9.9	8.3	8.3	6.6
42.5°	67.7	46.3	33.0	23.1	18.2	14.9	13.2	11.6	8.3	8.3	6.6
40°	85.9	62.8	41.3	29.7	21.5	16.5	13.2	11.6	9.9	8.3	6.6
37.5°	105.7	77.7	54.5	38.0	24.8	18.2	14.9	11.6	9.9	8.3	6.6
35°	130.5	97.5	67.7	46.3	29.7	21.5	16.5	11.6	9.9	8.3	6.6
32.5°	158.6	115.7	81.0	56.2	38.0	26.4	18.2	13.2	9.9	8.3	6.6
30°	185.1	137.1	95.8	67.7	46.3	29.7	19.8	13.2	9.9	8.3	5.0
27.5°	211.5	158.6	114.0	79.3	56.2	34.7	21.5	14.9	9.9	8.3	6.6
25°	237.9	180.1	132.2	90.9	64.4	41.3	26.4	16.5	9.9	8.3	6.6
22.5°	261.1	201.6	148.7	104.1	74.4	47.9	29.7	18.2	11.6	8.3	6.6
20°	287.5	224.7	166.9	119.0	82.6	54.5	33.0	19.8	11.6	8.3	6.6
17.5°	312.3	247.9	185.1	132.2	92.5	61.1	38.0	21.5	13.2	8.3	6.6
15°	337.1	269.3	201.6	145.4	102.4	67.7	41.3	23.1	14.9	8.3	6.6
12.5°	360.2	289.2	216.5	157.0	110.7	74.4	44.6	24.8	16.5	8.3	6.6
10°	381.7	307.3	231.3	166.9	119.0	79.3	47.9	28.1	18.2	8.3	6.6
7.5°	403.2	322.2	242.9	176.8	128.9	85.9	51.2	29.7	19.8	9.9	6.6
5°	416.4	335.4	252.8	185.1	137.1	92.5	54.5	31.4	21.5	9.9	6.6
2.5°	428.0	345.3	259.4	193.3	145.4	97.5	54.5	33.0	23.1	9.9	6.6
0°	434.6	351.9	264.4	198.3	152.0	100.8	56.2	34.7	24.8	9.9	6.6
-2.5°	449.4	363.5	275.9	204.9	158.6	110.7	59.5	36.4	26.4	11.6	6.6
-5°	459.4	370.1	284.2	211.5	163.6	120.6	64.4	39.7	29.7	14.9	8.3
-7.5°	467.6	376.7	290.8	214.8	168.5	123.9	66.1	41.3	31.4	16.5	8.3
-10°	469.3	380.0	295.8	219.8	171.8	128.9	67.7	43.0	33.0	18.2	8.3
-12.5°	470.9	383.3	297.4	223.1	175.1	132.2	69.4	44.6	34.7	19.8	8.3
-15°	469.3	381.7	297.4	226.4	176.8	128.9	72.7	46.3	36.4	21.5	8.3
-17.5°	466.0	380.0	295.8	224.7	175.1	125.6	74.4	49.6	36.4	23.1	9.9
-20°	461.0	375.1	292.5	223.1	173.5	122.3	76.0	51.2	38.0	23.1	9.9

REPORT NUMBER: P723842

CATALOG NUMBER: IFLD-S-SA3B-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°	452.7	366.8	285.9	218.1	170.2	119.0	76.0	54.5	39.7	23.1	9.9
-25°	442.8	358.6	279.2	211.5	165.2	114.0	76.0	56.2	41.3	23.1	9.9
-27.5°	431.3	350.3	269.3	206.5	158.6	110.7	76.0	57.8	43.0	23.1	9.9
-30°	418.0	338.7	261.1	198.3	153.7	110.7	77.7	59.5	44.6	23.1	9.9
-32.5°	404.8	327.2	251.2	191.7	147.1	109.1	77.7	61.1	46.3	21.5	11.6
-35°	390.0	313.9	242.9	186.7	142.1	105.7	79.3	61.1	44.6	21.5	11.6
-37.5°	371.8	297.4	234.6	181.8	138.8	102.4	79.3	62.8	43.0	21.5	11.6
-40°	351.9	284.2	224.7	175.1	133.8	100.8	79.3	62.8	41.3	21.5	13.2
-42.5°	330.5	269.3	214.8	168.5	128.9	99.1	79.3	62.8	39.7	21.5	13.2
-45°	310.6	254.5	203.2	160.3	123.9	99.1	79.3	61.1	36.4	23.1	13.2
-47.5°	289.2	237.9	190.0	152.0	122.3	97.5	77.7	57.8	33.0	23.1	13.2
-50°	271.0	221.4	180.1	143.8	119.0	99.1	79.3	52.9	33.0	23.1	13.2
-52.5°	252.8	209.8	168.5	140.4	115.7	100.8	77.7	49.6	33.0	23.1	13.2
-55°	237.9	198.3	161.9	135.5	119.0	104.1	74.4	44.6	33.0	23.1	13.2
-57.5°	226.4	191.7	157.0	137.1	123.9	100.8	69.4	43.0	33.0	21.5	13.2
-60°	218.1	185.1	158.6	143.8	125.6	95.8	66.1	43.0	33.0	21.5	11.6
-62.5°	211.5	186.7	166.9	148.7	119.0	89.2	62.8	43.0	29.7	19.8	11.6
-65°	213.2	193.3	170.2	142.1	114.0	82.6	57.8	41.3	28.1	18.2	11.6
-67.5°	218.1	188.4	160.3	133.8	102.4	74.4	52.9	38.0	26.4	18.2	11.6
-70°	201.6	173.5	145.4	114.0	87.6	64.4	49.6	34.7	23.1	16.5	11.6
-72.5°	181.8	145.4	115.7	92.5	74.4	59.5	44.6	31.4	21.5	14.9	9.9
-75°	132.2	105.7	85.9	77.7	66.1	52.9	39.7	28.1	19.8	14.9	9.9
-77.5°	94.2	87.6	79.3	71.1	59.5	46.3	34.7	26.4	18.2	13.2	8.3
-80°	92.5	84.3	74.4	61.1	49.6	39.7	29.7	23.1	16.5	11.6	6.6
-82.5°	77.7	66.1	56.2	46.3	38.0	31.4	24.8	18.2	13.2	8.3	5.0
-85°	47.9	41.3	36.4	31.4	26.4	21.5	16.5	11.6	8.3	5.0	3.3
-87.5°	23.1	21.5	18.2	14.9	13.2	9.9	8.3	6.6	5.0	3.3	1.7
-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: P723842

CATALOG NUMBER: IFLD-S-SA3B-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°	1.7	0.0	0.0	0.0
80°	1.7	0.0	0.0	0.0
77.5°	1.7	0.0	0.0	0.0
75°	1.7	1.7	0.0	0.0
72.5°	1.7	1.7	0.0	0.0
70°	3.3	1.7	1.7	0.0
67.5°	3.3	1.7	1.7	0.0
65°	3.3	1.7	1.7	0.0
62.5°	3.3	1.7	1.7	0.0
60°	3.3	1.7	1.7	0.0
57.5°	3.3	1.7	1.7	0.0
55°	3.3	1.7	1.7	0.0
52.5°	3.3	1.7	1.7	0.0
50°	3.3	1.7	1.7	0.0
47.5°	3.3	3.3	1.7	0.0
45°	3.3	3.3	1.7	0.0
42.5°	3.3	3.3	1.7	0.0
40°	3.3	3.3	1.7	0.0
37.5°	3.3	3.3	1.7	0.0
35°	3.3	3.3	1.7	0.0
32.5°	5.0	3.3	1.7	0.0
30°	5.0	3.3	3.3	0.0
27.5°	5.0	3.3	3.3	0.0
25°	5.0	3.3	3.3	0.0
22.5°	5.0	3.3	3.3	0.0
20°	5.0	3.3	3.3	0.0
17.5°	5.0	3.3	3.3	0.0
15°	5.0	3.3	3.3	0.0
12.5°	5.0	3.3	3.3	0.0
10°	5.0	3.3	3.3	0.0
7.5°	5.0	3.3	3.3	0.0
5°	5.0	3.3	3.3	0.0
2.5°	5.0	3.3	3.3	0.0
0°	5.0	3.3	3.3	0.0
-2.5°	5.0	3.3	3.3	0.0
-5°	5.0	3.3	3.3	0.0
-7.5°	5.0	3.3	3.3	0.0
-10°	5.0	3.3	3.3	0.0
-12.5°	6.6	3.3	3.3	0.0
-15°	6.6	3.3	3.3	0.0
-17.5°	6.6	3.3	3.3	0.0
-20°	6.6	3.3	3.3	0.0

REPORT NUMBER: P723842

CATALOG NUMBER: IFLD-S-SA3B-830-U-11-VI

CANDELA DISTRIBUTION (continued):

	82.5°	85°	87.5°	90°
-22.5°	6.6	3.3	3.3	0.0
-25°	6.6	3.3	3.3	0.0
-27.5°	6.6	3.3	3.3	0.0
-30°	6.6	3.3	3.3	0.0
-32.5°	6.6	3.3	3.3	0.0
-35°	6.6	3.3	3.3	0.0
-37.5°	6.6	3.3	3.3	0.0
-40°	6.6	3.3	3.3	0.0
-42.5°	5.0	3.3	1.7	0.0
-45°	6.6	3.3	1.7	0.0
-47.5°	6.6	3.3	1.7	0.0
-50°	6.6	3.3	1.7	0.0
-52.5°	6.6	3.3	1.7	0.0
-55°	6.6	3.3	1.7	0.0
-57.5°	6.6	3.3	1.7	0.0
-60°	6.6	3.3	1.7	0.0
-62.5°	6.6	3.3	1.7	0.0
-65°	6.6	3.3	1.7	0.0
-67.5°	6.6	3.3	1.7	0.0
-70°	6.6	1.7	1.7	0.0
-72.5°	5.0	1.7	1.7	0.0
-75°	5.0	1.7	1.7	0.0
-77.5°	3.3	1.7	0.0	0.0
-80°	3.3	1.7	0.0	0.0
-82.5°	3.3	1.7	0.0	0.0
-85°	1.7	0.0	0.0	0.0
-87.5°	1.7	0.0	0.0	0.0
-90°	0.0	0.0	0.0	0.0

(END OF REPORT)