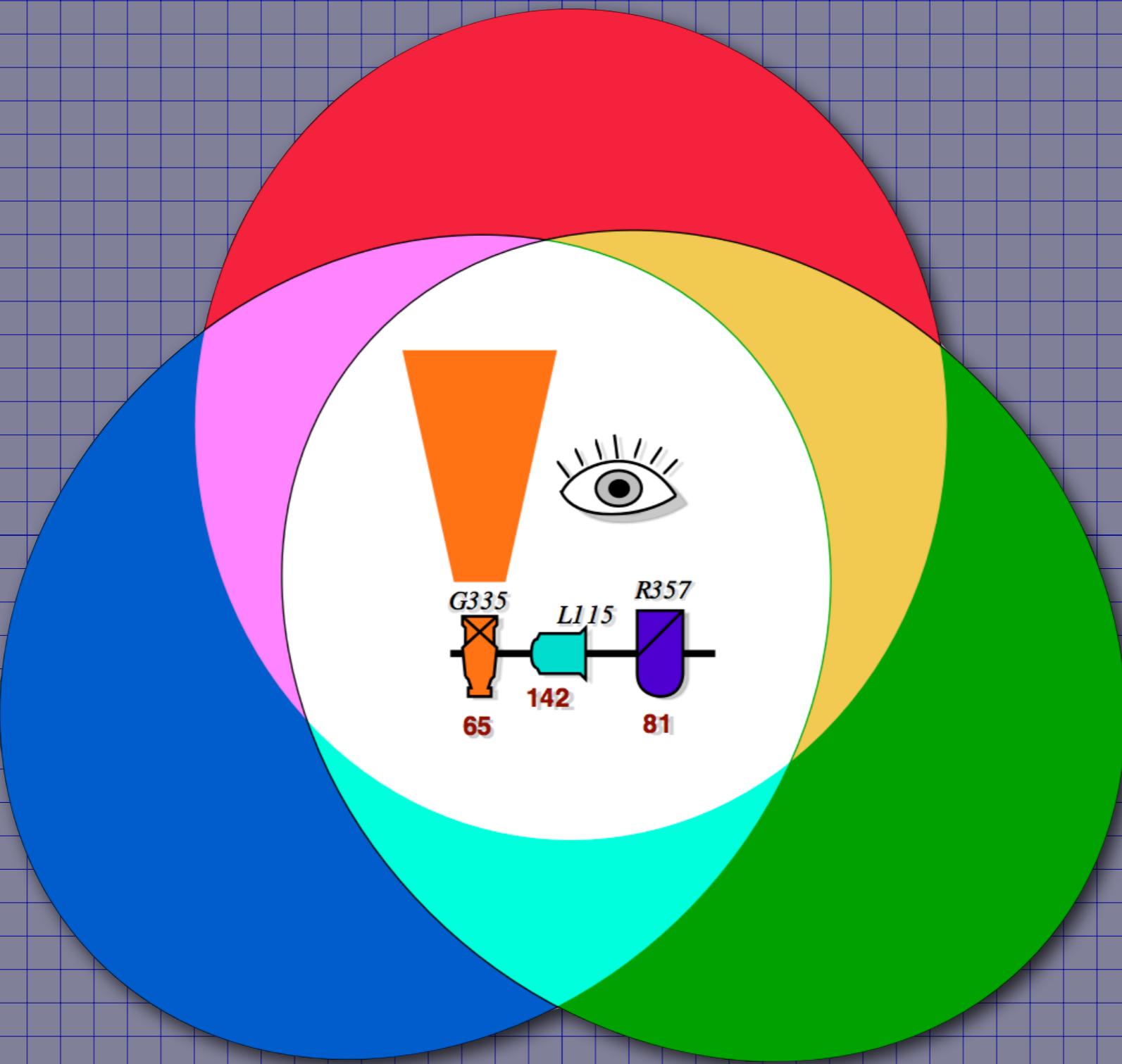


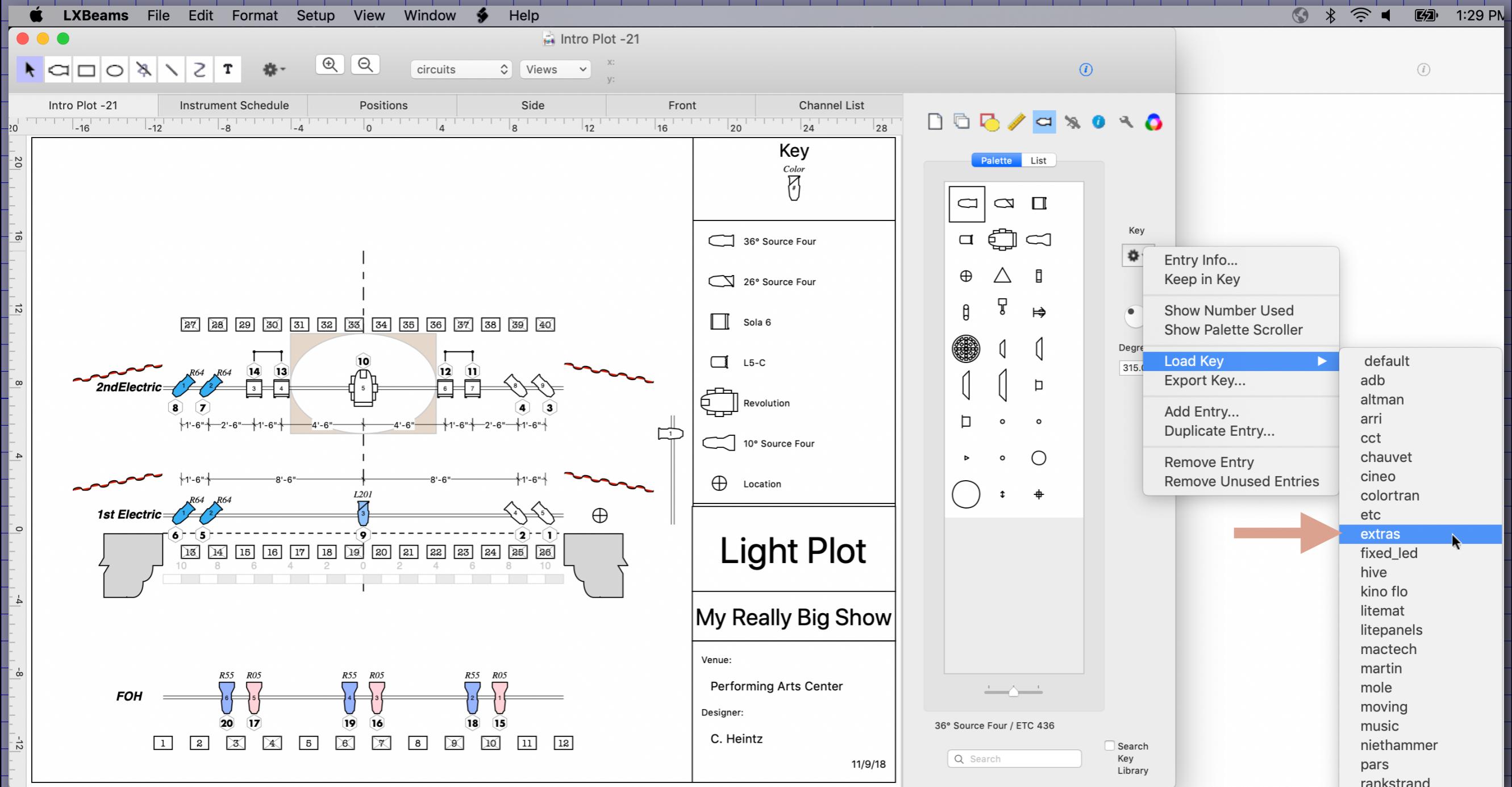
# Extras



IATSE 728 Workshop 2020

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# Continuing with the first plot, Load the "extras" key.



# Select all four Sola fresnel symbols.

LXBeams File Edit Format Setup View Window Help

Intro Plot -21 — Edited

circuits Views

Intro Plot -21 Instrument Schedule Positions Side Front Channel List

20 16 12 8 4 0 -4 -8 -12

27 28 29 30 31 32 33 34 35 36 37 38 39 40

2nd Electric R64 R64 14 13 10 12 11 4 3 8 7 L201 6 5 9 2 1 13 14 15 16 17 18 19 20 21 22 23 24 25 26

1st Electric R64 R64 6 5 9 2 1 13 14 15 16 17 18 19 20 21 22 23 24 25 26

FOH R55 R05 6 5 20 17 4 3 19 16 2 1 18 15 1 10 11 12

Key Color #

36° Source Four

26° Source Four

Sola 6

L5-C

Revolution

10° Source Four

Location

Light Plot

My Really Big Show

Venue:  
Performing Arts Center

Designer:  
C. Heintz

11/9/18

24 20 16 12 8 4 0 -4 -8 -12

27 28 29 30 31 32 33 34 35 36 37 38 39 40

2nd Electric R64 R64 14 13 10 12 11 4 3 8 7 L201 6 5 9 2 1 13 14 15 16 17 18 19 20 21 22 23 24 25 26

1st Electric R64 R64 6 5 9 2 1 13 14 15 16 17 18 19 20 21 22 23 24 25 26

FOH R55 R05 6 5 20 17 4 3 19 16 2 1 18 15 1 10 11 12

Key

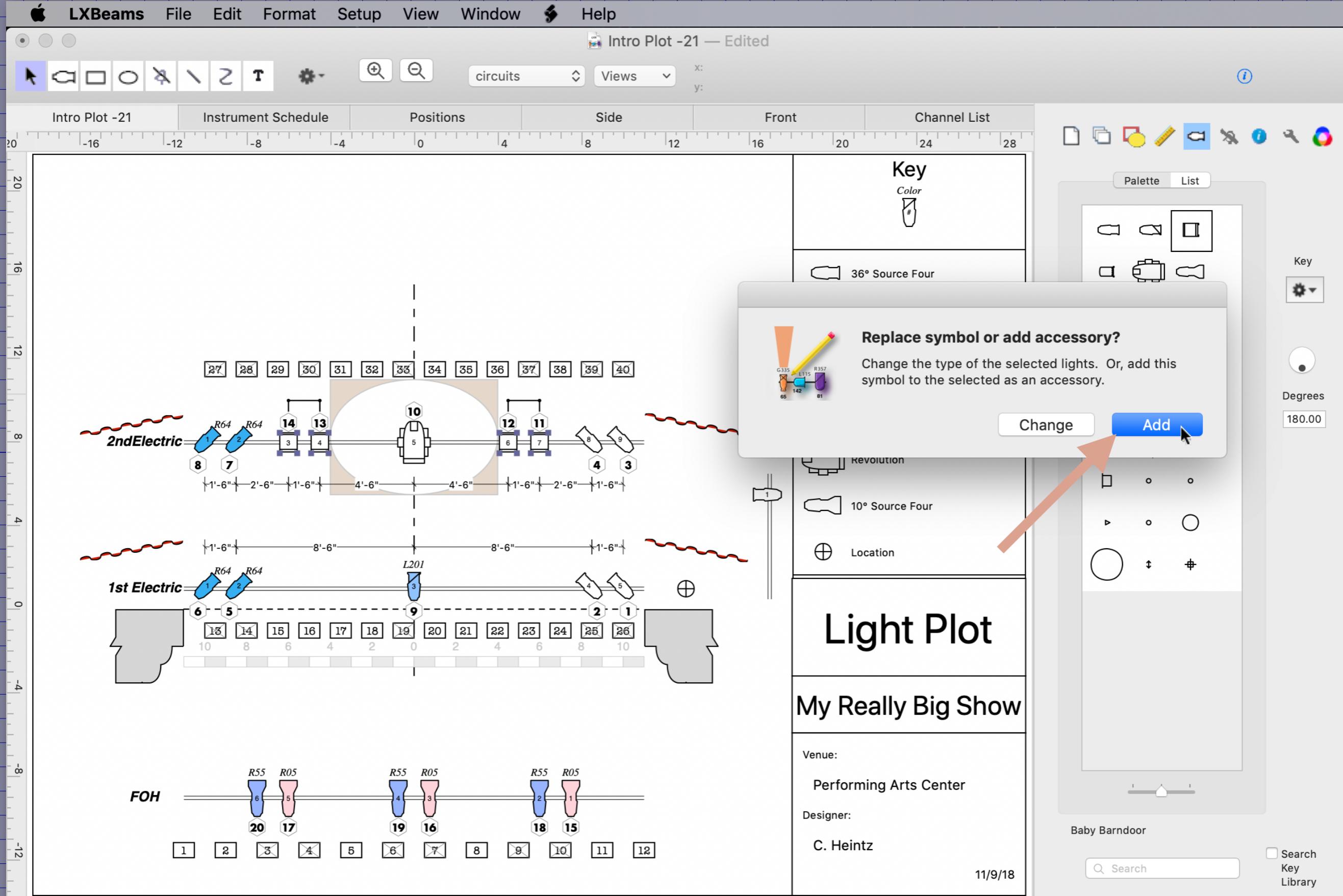
Degrees 130.00

Baby Barndoar

Search Key Library

Then, click on the "Baby Barndoar" symbol in the symbol palette.

# Normally, selecting a new symbol changes the light.



But, with accessory symbols, you can choose to add one near the selected light(s).

# The accessory is added near the selected symbol.

LXBeams File Edit Format Setup View Window Help

Intro Plot -21 — Edited

circuits Views x: y:

Intro Plot -21 Instrument Schedule Positions Side Front Channel List

20 16 12 8 4 0 -4 -8 -12

27 28 29 30 31 32 33 34 35 36 37 38 39 40

2nd Electric R64 R64 14 13 10 12 11 4 3 6 7 8 9 L201 5 2 1 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26

1st Electric R64 R64 6 5 10 8 6 4 2 2 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26

FOH R55 R05 20 17 19 16 18 15 1 2 3 4 5 6 7 8 9 10 11 12

Key Color #

36° Source Four

26° Source Four

Sola 6

L5-C

Revolution

10° Source Four

Location

Light Plot

My Really Big Show

Venue:  
Performing Arts Center

Designer:  
C. Heintz

11/9/18

Sola 6 / Litepanels Sola 6

Search Key Library

Palette List

Degrees 180.00

Key

Color

36° Source Four

26° Source Four

Sola 6

L5-C

Revolution

10° Source Four

Location

Light Plot

My Really Big Show

Venue:  
Performing Arts Center

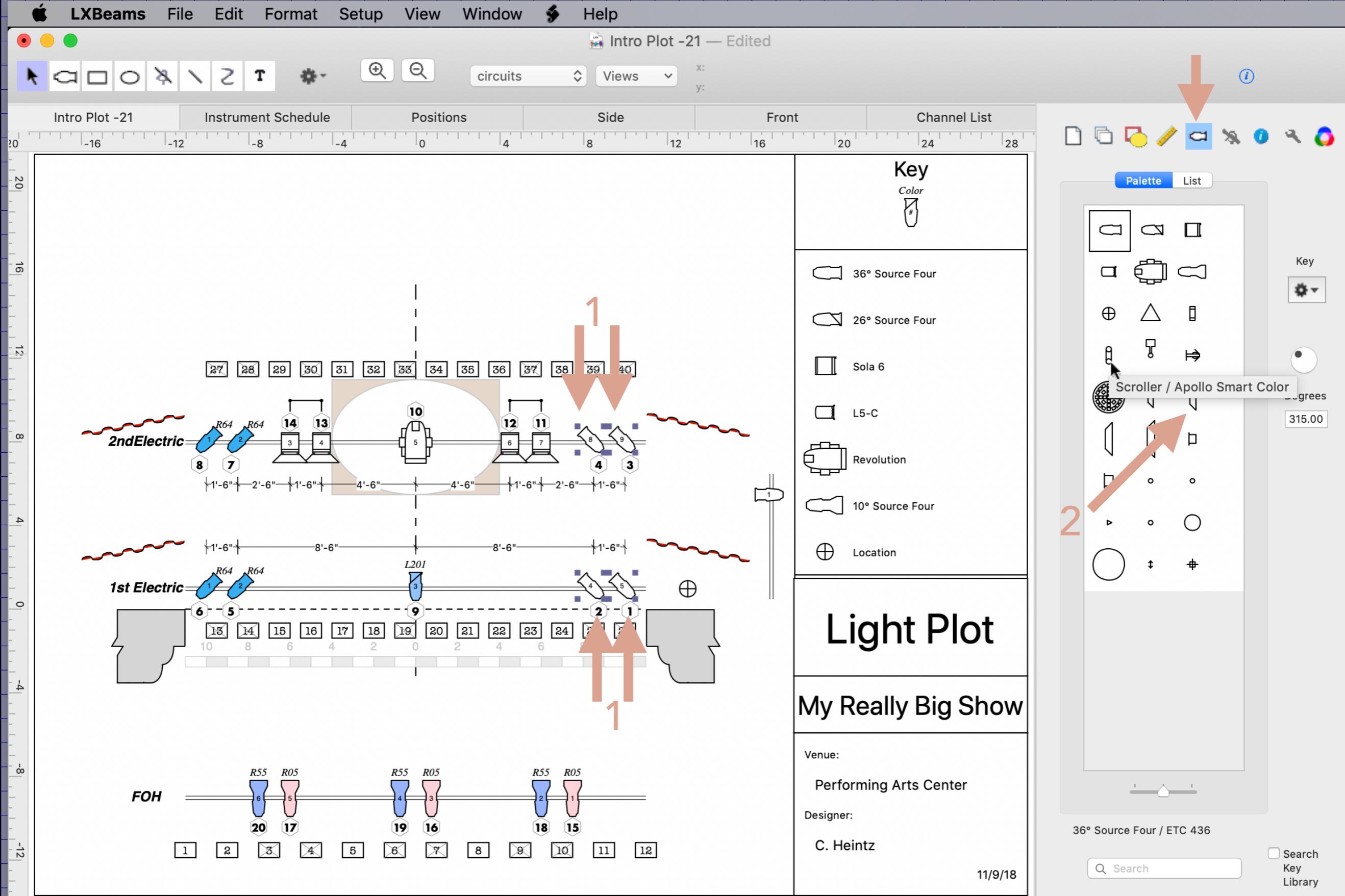
Designer:  
C. Heintz

11/9/18

Sola 6 / Litepanels Sola 6

Search Key Library

# Select all four stage left 36° symbols.



Then, click on a "Scroller" symbol in the symbol palette.

# Again, choose to add the accessory.

LXBeams File Edit Format Setup View Window Help

Intro Plot -21 — Edited

circuits Views x: y:

Intro Plot -21 Instrument Schedule Positions Side Front Channel List

20 16 12 8 4 0 -4 -8 -12

27 28 29 30 31 32 33 34 35 36 37 38 39 40

10 14 13 12 11 6 7 8 9 4 3

2nd Electric R64 R64 8 7 1'6" 2'6" 1'6" 4'6" 4'6" 1'6" 2'6" 1'6"

1st Electric R64 R64 6 5 1'6" 8'6" 8'6" 1'6" L201 9 2 1

FOH R55 R05 6 5 20 17 4 3 R55 R05 6 5 19 16 2 1 R55 R05 2 1 18 15 10 11 12

Key Color # 36° Source Four

Replace symbol or add accessory? Change Add

Change the type of the selected lights. Or, add this symbol to the selected as an accessory.

Revolution 10° Source Four Location

Light Plot My Really Big Show

Venue: Performing Arts Center  
Designer: C. Heintz

Scroller / Apollo Smart Color

Search Search Key Library

11/9/18

Degrees 315.00

# Select one of the added scroller symbols and look at its info.

LXBeams File Edit Format Setup View Window Help

Intro Plot -21 — Edited

circuits Views

Intro Plot -21 Instrument Schedule Positions Side Front Channel List

x: y:

Key Color

36° Source Four

26° Source Four

Sola 6

L5-C

Revolution

10° Source Four

Location

Property Value

Position

Light

Channel 2

Dimmer

Group

More

Circuit

Mark

Focus

Device

Owner ID 1st Electric#4

Parameters

3D

Light Plot

My Really Big Show

Venue:  
Performing Arts Center

Designer:  
C. Heintz

11/9/18

It has been assigned an "Owner" and has the same channel.

# Switch to the beams tab and pick a color from the defined values popup.

The screenshot shows the LXBeams software interface with a stage plot and a color selection dialog.

**Stage Plot:** The plot shows a stage with various lighting fixtures and equipment. Labels include "2nd Electric", "1st Electric", and "FOH". Fixtures are numbered (e.g., 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40). Dimensions are indicated along the stage floor.

**Color Selection Dialog:** A color palette is open on the right side of the screen. It includes sections for "Spot/Flood", "Intensity", "Device: (by channel)", and a list of color names. The color "8250 Vixen Red" is selected, highlighted with a blue border. The dialog also includes fields for "Calculate Illumination" and "Striking Point From".

**Light Plot:** The title "Light Plot" is displayed in large letters.

**My Really Big Show:** The title "My Really Big Show" is displayed in large letters.

**Venue:** Performing Arts Center

**Designer:** C. Heintz

**Date:** 11/9/18

A scroller only has one device subchannel, "Frame".

# The scroller can set the color of its "owner".

LXBeams File Edit Format Setup View Window Help

Intro Plot -21 — Edited

circuits Views x:  
y:

Intro Plot -21 Instrument Schedule Positions Side Front Channel List

20 -16 -12 -8 -4 0 4 8 12 16 20 24 28

20  
16  
12  
8  
4  
0  
-4  
-8  
-12

27 28 29 30 31 32 33 34 35 36 37 38 39 40

2nd Electric R64 R64 14 13 10 12 11 4 3 6 7 8 9 5 L201 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26

1st Electric R64 R64 10 8 6 4 2 0 2 4 8 10 13 14 15 16 17 18 19 20 21 22 23 24 25 26

FOH R55 R05 6 5 20 17 4 3 19 16 2 1 18 15 1 2 3 4 5 6 7 8 9 10 11 12

Key Color #

36° Source Four

26° Source Four

Sola 6

L5-C

Revolution

10° Source Four

Location

Spot/Flood: Axis:

Intensity:

Device: ( by channel ) Frame 8250 Vixen Red

Focus:

Display: Transparency (Use drawing tab for stroke/fill.)

Beam Plane: 9'-0"

Bounce Distance: 6'-0"

Calculate Illumination Striking Point From: All

Light Plot

My Really Big Show

Venue: Performing Arts Center

Designer: C. Heintz

11/9/18

Devices and owners are linked through a hidden, unique, UUID identifier.

# Switch to the channel list.

LXBeams File Edit Format Setup View Window Help

Intro Plot -21 — Edited

circuits Views x: y:

Intro Plot -21 Instrument Schedule Positions Side Front Channel List

Channel: Position # Type Color Circuit Use

Channel:	Position #	Type	Color	Circuit	Use
Channel: 1	1	36° Source Four			
Channel: 2	1st Electric...	Scroller		Frame	
Channel: 3	1st Electric 5	36° Source Four		26	
Channel: 4	1st Electric...	Scroller		Frame	
Channel: 5	1st Electric 4	36° Source Four		25	
Channel: 6	2ndElectric...	Scroller		Frame	
Channel: 7	2ndElectric 9	36° Source Four		40	
Channel: 8	2ndElectric...	Scroller		Frame	
Channel: 9	2ndElectric 8	36° Source Four		39	
Channel: 10	1st Electric 2	36° Source Four	R64	14	
Channel: 11	1st Electric 1	36° Source Four	R64	13	
Channel: 12	2ndElectric 2	36° Source Four	R64	28	
Channel: 13	2ndElectric 1	36° Source Four	R64	27	
Channel: 14	1st Electric 3	26° Source Four	L201	19	
Channel: 15					

Spot/Flood: Axis:

Intensity:

Device: ( by channel ) Frame 8250 Vixen Red

Focus:

Display: Transparency  (Use drawing tab for stroke/fill.)

Beam Plane: 9'-0"

Bounce Distance: 6'-0"

Calculate Illumination Striking Point From: All

The scrollers are listed along with their lights.

# Select the rows for channels 1 through 4 using the shift key.

LXBeams File Edit Format Setup View Window Help

Intro Plot -21 — Edited

circuits Views x:  
y:

Intro Plot -21 Instrument Schedule Positions Side Front Channel List

Position	#	Type	Color	Circuit	Use	
Channel:		Position #	Type	Color	Circuit	Use
		1	36° Source Four			
Channel: 1		Position #	Type	Color	Circuit	Use
		1st Electric...	Scroller		Frame	
	5	1st Electric	36° Source Four		26	
Channel: 2		Position #	Type	Color	Circuit	Use
		1st Electric...	Scroller		Frame	
	4	1st Electric	36° Source Four		25	
Channel: 3		Position #	Type	Color	Circuit	Use
		2ndElectric...	Scroller		Frame	
	9	2ndElectric	36° Source Four		40	
Channel: 4		Position #	Type	Color	Circuit	Use
		2ndElectric...	Scroller		Frame	
	8	2ndElectric	36° Source Four		39	
Channel: 5		Position #	Type	Color	Circuit	Use
		1st Electric	2	36° Source Four	R64	14
Channel: 6		Position #	Type	Color	Circuit	Use
		1st Electric	1	36° Source Four	R64	13
Channel: 7		Position #	Type	Color	Circuit	Use
		2ndElectric	2	36° Source Four	R64	28
Channel: 8		Position #	Type	Color	Circuit	Use
		2ndElectric	1	36° Source Four	R64	27
Channel: 9		Position #	Type	Color	Circuit	Use
		1st Electric	3	26° Source Four	L201	19
Channel: 10		Position #	Type	Color	Circuit	Use

Property Value

▼ Position

▼ Light

- Channel (...) 1
- Dimmer (...)
- Group Scrollers**
- Position (...) 1st Electric
- # (...) 5
- Color
- Template
- Use

▼ More

- Circuit (...)
- Mark
- Frost
- Note (...)

▼ Focus

- Focus X (...) -3'-3.25"
- Focus Y (...) 10'-1.25"
- Focus Height 0'-0"

▼ Device

- Owner ID (...) 1st Electric#5
- Parameters

▼ 3D

- Rendering (...) %;l50.0;s-39;w
- X offset 0'-0"
- Y offset 0'-0"
- Z offset -1'-6"

Switch to the Info tab and enter a group for all the selected symbols.

# Also fill in the group for channels 5 through 8.

LXBeams File Edit Format Setup View Window Help

Intro Plot -21 — Edited

circuits Views x: y:

Intro Plot -21		Instrument Schedule		Positions		Side	Front	Channel List
	Position	#	Type	Color	Circuit	Use		
Channel:		Position #	Type	Color	Circuit	Use		
		1	36° Source Four					
Channel: 1		Position #	Type	Color	Circuit	Use		
	1st Electric...	Scroller				Frame		
	1st Electric	5	36° Source Four		26			
Channel: 2		Position #	Type	Color	Circuit	Use		
	1st Electric...	Scroller				Frame		
	1st Electric	4	36° Source Four		25			
Channel: 3		Position #	Type	Color	Circuit	Use		
	2ndElectric...	Scroller				Frame		
	2ndElectric	9	36° Source Four		40			
Channel: 4		Position #	Type	Color	Circuit	Use		
	2ndElectric...	Scroller				Frame		
	2ndElectric	8	36° Source Four		39			
Channel: 5		Position #	Type	Color	Circuit	Use		
	1st Electric	2	36° Source Four	R64	14			
Channel: 6		Position #	Type	Color	Circuit	Use		
	1st Electric	1	36° Source Four	R64	13			
Channel: 7		Position #	Type	Color	Circuit	Use		
	2ndElectric	2	36° Source Four	R64	28			
Channel: 8		Position #	Type	Color	Circuit	Use		
	2ndElectric	1	36° Source Four	R64	27			
Channel: 9		Position #	Type	Color	Circuit	Use		
	1st Electric	3	26° Source Four	L201	19			
Channel: 10		Position #	Type	Color	Circuit	Use		

Property Value

▼ Position

▼ Light

- Position (...) 1st Electric
- # (...) 2
- Color R64
- Channel (...) 5
- Dimmer (...) 14
- Template
- Use
- Group** Blue High Side

▼ More

- Frost
- Circuit (...) 14
- Mark
- Note

▼ Focus

- Focus X (...) 0'-0"
- Focus Y (...) 0'-0"
- Focus Height 0'-0"

▼ Device

▼ 3D

- Rendering
- X offset 0'-0"
- Y offset 0'-0"
- Z offset -1'-6"

# Choose View→Report→Add Column.

LXBeams File Edit Format Setup View Window Help

Tools ⌘T Intro Plot -21 — Edited  
Hide Inspector ⌘I x:  
Notes ws y:

Intro Plot -21 Instrument Schedule

Position # Type Color

Channel: Position # Type Color

1 36° Source Four

Channel: 1 Position # Type Color

1st Electric... Scroller

1st Electric 5 36° Source Four

Channel: 2 Position # Type Color

1st Electric... Scroller

1st Electric 4 36° Source Four

Channel: 3 Position # Type Color

2ndElectric... Scroller

2ndElectric 9 36° Source Four

Channel: 4 Position # Type Color Circuit Use

2ndElectric... Scroller Frame

2ndElectric 8 36° Source Four 39

Channel: 5 Position # Type Color Circuit Use

1st Electric 2 36° Source Four R64 14

Channel: 6 Position # Type Color Circuit Use

1st Electric 1 36° Source Four R64 13

Channel: 7 Position # Type Color Circuit Use

2ndElectric 2 36° Source Four R64 28

Channel: 8 Position # Type Color Circuit Use

2ndElectric 1 36° Source Four R64 27

Channel: 9 Position # Type Color Circuit Use

1st Electric 3 26° Source Four L201 19

Channel: 10 Position # Type Color Circuit Use

Report ► Create Report... ⌘P Channel List

Section ► Remove Report...

Beams ► Report Options

Views ► Page Setup...

Show Rulers ⌘R Hide Page Guide

Show Grid ⌘R Alternating Background

Snap To Grid ⌘R Breaks

Show Page Breaks

Zoom ► Add Column

Enter Full Screen Delete Column

Clear Device Colors

Faster PDF Display

Draw Symbols in B&W

Property Value

▼ Position

▼ Light

- Position (...) 1st Electric
- # (...) 2
- Color R64
- Channel (...) 5
- Dimmer (...) 14
- Template
- Use
- Group Blue High Side

▼ More

- Frost
- Circuit (...) 14
- Mark
- Note

▼ Focus

- Focus X (...) 0'-0"
- Focus Y (...) 0'-0"
- Focus Height 0'-0"

▼ Device

▼ 3D

- Rendering
- X offset 0'-0"
- Y offset 0'-0"
- Z offset -1'-6"

# Select "Group" and click OK.

Screenshot of a Mac OS X application window titled "Intro Plot -21 — Edited". The window contains a table of data for 10 channels, a "Choose Column To Add:" dialog, and a property inspector on the right.

The table has columns: Position, #, Type, Color, Circuit, and Use. A red arrow points from the "Choose Column To Add:" dialog to the "Group" option in the dropdown menu.

The "Choose Column To Add:" dialog shows "Group" selected. It has "Cancel" and "OK" buttons, with "OK" being highlighted by a red arrow.

The property inspector on the right shows the following settings:

Property	Value
Position	1st Electric
# (...)	2
Color	R64
Channel (...)	5
Dimmer (...)	14
Template	
Use	
Group	Blue High Side
More	
Frost	
Circuit (...)	14
Mark	
Note	
Focus	
Focus X (...)	0'-0"
Focus Y (...)	0'-0"
Focus Height	0'-0"
Device	
3D	
Rendering	
X offset	0'-0"
Y offset	0'-0"
Z offset	-1'-6"

# Select the entire column by clicking in the header.

LXBeams File Edit Format Setup View Window Help

Intro Plot -21 — Edited

circuits Views

Intro Plot -21 Instrument Schedule Positions Side Front Channel List

Position # Type Color Circuit Use Group

Channel:	Position	#	Type	Color	Circuit	Use	Group
Channel: 1		1	36° Source Four				Group
Channel: 2	1st Electric...	5	Scroller			Frame	Group Scrollers Scrollers
Channel: 3	1st Electric...	4	Scroller			Frame	Group Scrollers Scrollers
Channel: 4	2ndElectric...	9	Scroller			Frame	Group Scrollers Scrollers
Channel: 5	2ndElectric...	8	36° Source Four		25		Group Scrollers Scrollers
Channel: 6	1st Electric	2	36° Source Four	R64	14		Group Blue High Side
Channel: 7	1st Electric	1	36° Source Four	R64	13		Group Blue High Side
Channel: 8	2ndElectric	2	36° Source Four	R64	28		Group Blue High Side
Channel: 9	2ndElectric	1	36° Source Four	R64	27		Group Blue High Side
Channel: 10	1st Electric	3	26° Source Four	L201	19		Group

Property Value

▼ Position

▼ Light

- Position (...) 1st Electric
- # (...) 2
- Color R64
- Channel (...) 5
- Dimmer (...) 14
- Template
- Use
- Group Blue High Side

▼ More

- Frost
- Circuit (...) 14
- Mark
- Note

▼ Focus

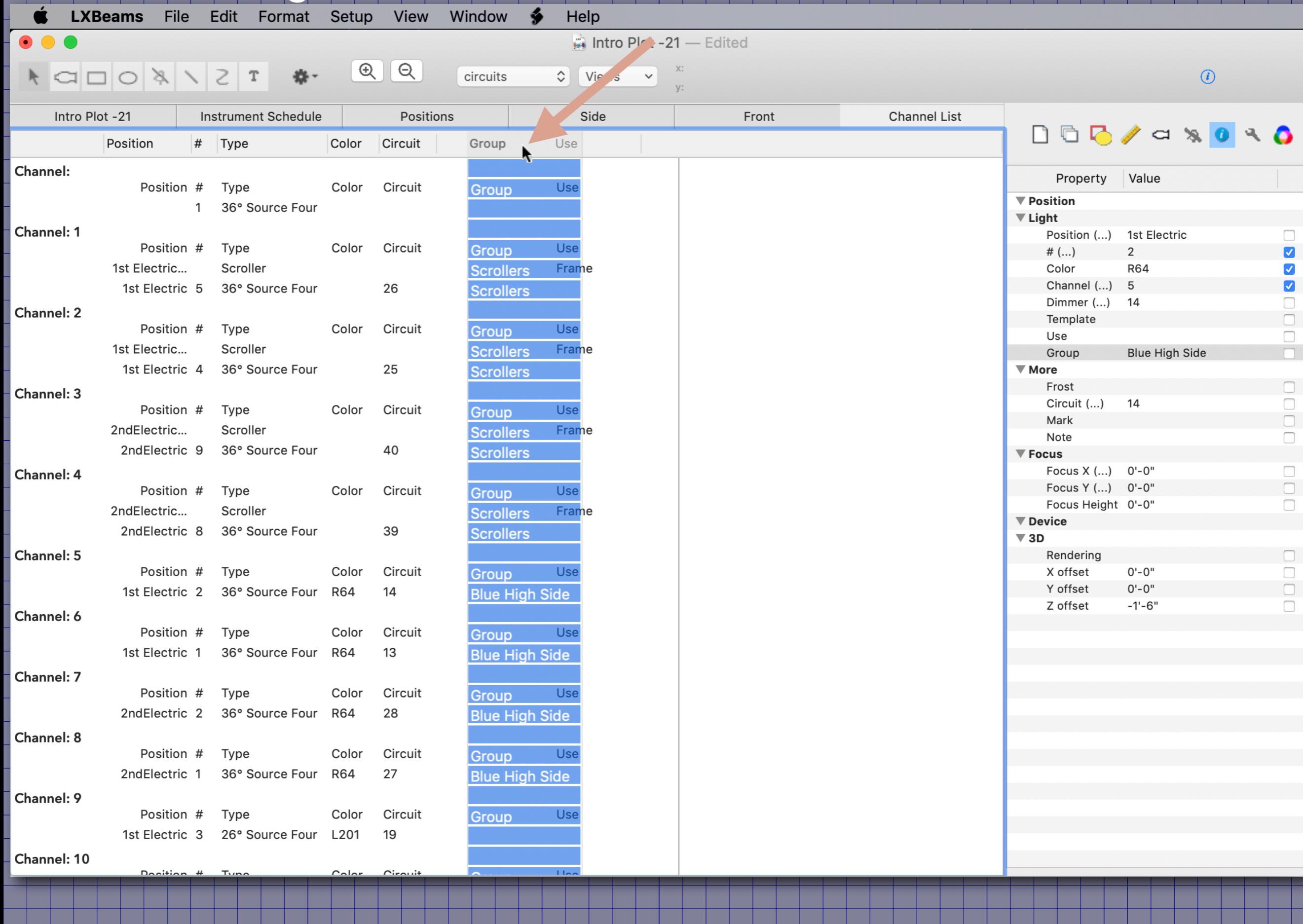
- Focus X (...) 0'-0"
- Focus Y (...) 0'-0"
- Focus Height 0'-0"

▼ Device

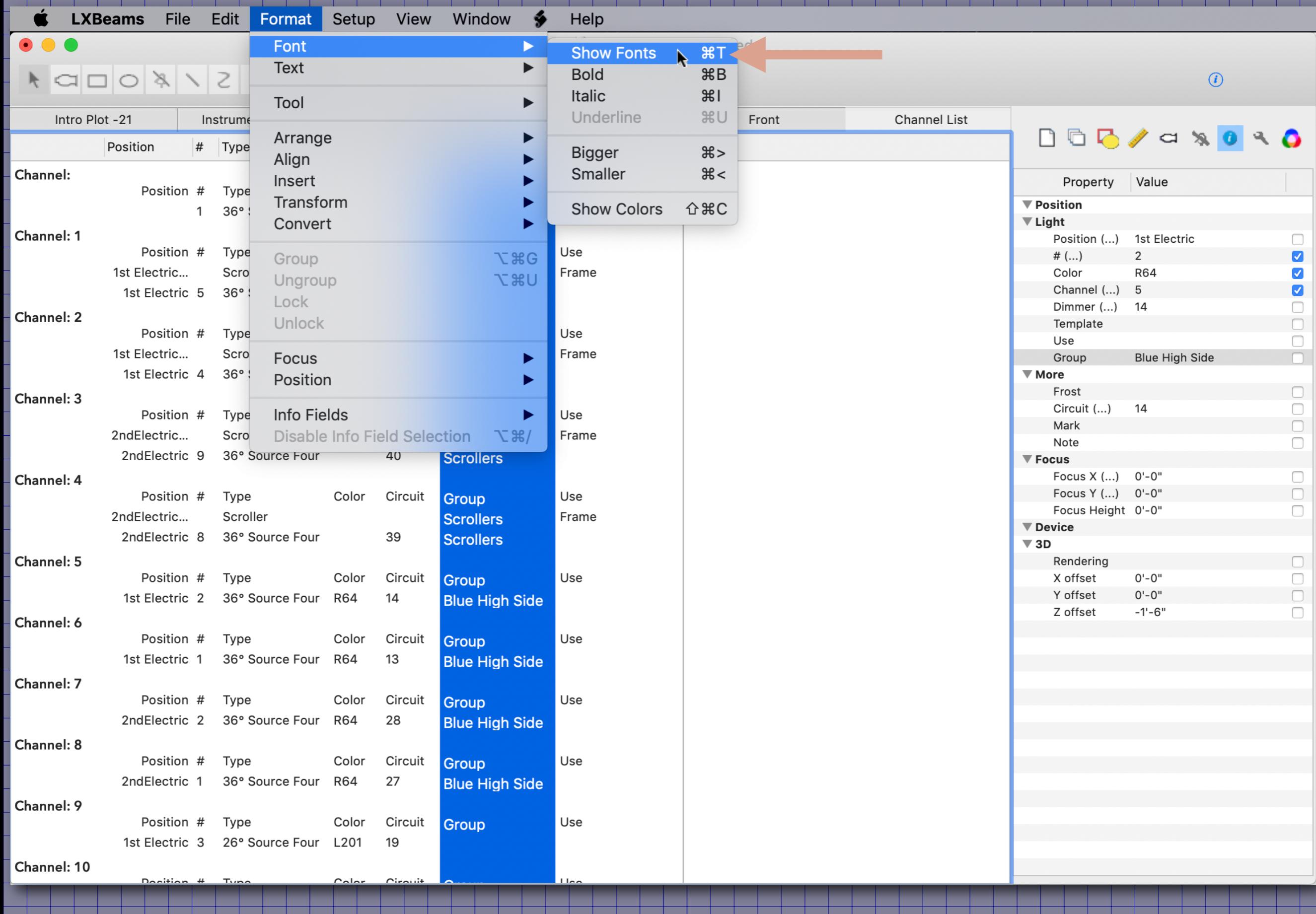
▼ 3D

- Rendering
- X offset 0'-0"
- Y offset 0'-0"
- Z offset -1'-6"

Drag the column to the left of the “Use” column.



# Choose Format→Font→Show Fonts.



# Select a smaller font for the group column by clicking the font palette.

LXBeams File Edit Format Setup View Window Help

Intro Plot -21 — Edited

circuits Views x:  
y:

Intro Plot -21 Instrument Schedule Positions Side Front Channel List

Position # Type Color Circuit Group Use

Channel: Position # Type Color Circuit Group Use

1 36° Source Four

Channel: 1 Position # Type Color Circuit Group Use

1st Electric... Scroller Scrollers Frame

1st Electric 5 36° Source Four 26 Scrollers

Channel: 2 Position # Type Color Circuit Group Use

1st Electric... Scroller Scrollers Frame

1st Electric 4 36° Source Four 25 Scrollers

Channel: 3 Position # Type Color Circuit Group Use

2ndElectric... Scroller Scrollers

2ndElectric 9 36° Source Four 40 Scrollers

Channel: 4 Position # Type Color Circuit Group Use

2ndElectric... Scroller Scrollers

2ndElectric 8 36° Source Four 39 Scrollers

Channel: 5 Position # Type Color Circuit Group Use

1st Electric 2 36° Source Four R64 14 Blue High Si

Channel: 6 Position # Type Color Circuit Group Use

1st Electric 1 36° Source Four R64 13 Blue High Si

Channel: 7 Position # Type Color Circuit Group Use

2ndElectric 2 36° Source Four R64 28 Blue High Si

Channel: 8 Position # Type Color Circuit Group Use

2ndElectric 1 36° Source Four R64 27 Blue High Si

Channel: 9 Position # Type Color Circuit Group Use

1st Electric 3 26° Source Four L201 19 Blue High Si

Channel: 10 Position # Type Color Circuit Group Use

No Selection

Fonts

Collection + - Family Typeface Size

All Fonts Al Bayan Regular 10

English Al Nile Italic

Favorites Al Tarikh Bold

Recently Used American Typewriter Bold Italic

Fixed Width Andale Mono

Fun Arial

Modern Arial Black

PDF Arial Hebrew

Traditional Arial Hebrew Scholar

Web Arial Narrow

Arial Rounded MT Bold Arial Unicode MS

Avenir Avenir

Avenir Next Avenir Next Condense

Ayuthaya

Disable Info Field Selection

Channel:	Position #	Type	Color	Circuit	Group	Use
1	36° Source Four					
2	Scroller	Scrollers	Frame			
3	36° Source Four					
4	Scroller	Scrollers	Frame			
5	36° Source Four					
6	Scroller	Scrollers				
7	36° Source Four					
8	Scroller	Scrollers				
9	36° Source Four	R64	14	Blue High Si		
10	36° Source Four	R64	13	Blue High Si		
11	36° Source Four	R64	28	Blue High Si		
12	36° Source Four	R64	27	Blue High Si		
13	26° Source Four	L201	19	Blue High Si		

# You can do a similar thing for the Position column.

LXBeams File Edit Format Setup View Window Help

Intro Plot -21 — Edited

circuits Views x:  
y:

Intro Plot -21 Instrument Schedule Positions Side Front Channel List

Channel: 1 Channel: 2 Channel: 3 Channel: 4 Channel: 5 Channel: 6 Channel: 7 Channel: 8 Channel: 9 Channel: 10

	Position	#	Type	Color	Circuit	Group	Use	
Channel:	Position	#	Type	Color	Circuit	Group	Use	
Channel: 1	1	36° Source Four						
Channel: 2	1st Electric#5	Position	#	Type	Color	Circuit	Group	Use
	1st Electric	5	Scroller				Scrollers	Frame
Channel: 3	1st Electric#4	Position	#	Type	Color	Circuit	Group	Use
	1st Electric	4	Scroller				Scrollers	Frame
Channel: 4	2ndElectric#9	Position	#	Type	Color	Circuit	Group	Use
	2ndElectric	9	Scroller				Scrollers	
Channel: 5	2ndElectric#8	Position	#	Type	Color	Circuit	Group	Use
	2ndElectric	8	Scroller				Scrollers	
Channel: 6	1st Electric	Position	#	Type	Color	Circuit	Group	Use
	1st Electric	2	36° Source Four	R64	14	Blue High Si		
Channel: 7	1st Electric	Position	#	Type	Color	Circuit	Group	Use
	1st Electric	1	36° Source Four	R64	13	Blue High Si		
Channel: 8	2ndElectric	Position	#	Type	Color	Circuit	Group	Use
	2ndElectric	2	36° Source Four	R64	28	Blue High Si		
Channel: 9	2ndElectric	Position	#	Type	Color	Circuit	Group	Use
	2ndElectric	1	36° Source Four	R64	27	Blue High Si		
Channel: 10	1st Electric	Position	#	Type	Color	Circuit	Group	Use
	1st Electric	3	26° Source Four	L201	19			

Fonts

Collection + - Family Typeface Size

All Fonts Al Bayan 10  
English Al Nile  
Favorites Al Tarikh  
Recently Used American Typewriter  
Fixed Width Andale Mono  
Fun Arial  
Modern Arial Black  
PDF Arial Hebrew  
Traditional Arial Hebrew Scholar  
Web Arial Narrow  
Arial Rounded MT Bold  
Arial Unicode MS  
Avenir  
Avenir Next  
Avenir Next Condense  
Ayuthaya

No Selection

Disable Info Field Selection

# Choose View→Report→Report Options.

LXBeams File Edit Format Setup View Window Help

Tools ⌘T Hide Inspector ⌘I Notes

Intro Plot -21 — Edited

WS x: y:

Report ► Create Report... ⌘P

Section ► Remove Report...

Beams ► Report Options

Views ► Page Setup...

Show Rulers ⌘R

Show Grid ⌘⌘R

Snap To Grid ⌘R

Show Page Breaks

Zoom ►

Enter Full Screen

Add Column

Delete Column

Clear Device Colors

Faster PDF Display

Draw Symbols in B&W

Channel List

No Selection

Disable Info Field Selection

Channel: Position # Type Color

1 36° Source Four

Channel: 1 Position # Type Color

1st Electric#5 Scroller

1st Electric 5 36° Source Four

Channel: 2 Position # Type Color

1st Electric#4 Scroller

1st Electric 4 36° Source Four

Channel: 3 Position # Type Color

2ndElectric#9 Scroller

2ndElectric 9 36° Source Four

Channel: 4 Position # Type Color Circuit Group Use

2ndElectric#8 Scroller Scrollers Frame

2ndElectric 8 36° Source Four 39 Scrollers

Channel: 5 Position # Type Color Circuit Group Use

1st Electric 2 36° Source Four R64 14 Blue High Side

Channel: 6 Position # Type Color Circuit Group Use

1st Electric 1 36° Source Four R64 13 Blue High Side

Channel: 7 Position # Type Color Circuit Group Use

2ndElectric 2 36° Source Four R64 28 Blue High Side

Channel: 8 Position # Type Color Circuit Group Use

2ndElectric 1 36° Source Four R64 27 Blue High Side

Channel: 9 Position # Type Color Circuit Group Use

1st Electric 3 26° Source Four L201 19

Channel: 10 Position # Type Color Circuit Group Use

In the Sort/Configure tab, select “Must Not Be Blank”.

LXBeams File Edit Format Setup View Window Help

Intro Plot -21 — Edited

circuits Views x: y:

Intro Plot -21 Instrument Schedule

Channel: Position # Type Color

Channel: 1 Position # Type Color  
1st Electric#5 Scroller  
1st Electric 5 36° Source Four

Channel: 2 Position # Type Color  
1st Electric#4 Scroller  
1st Electric 4 36° Source Four

Channel: 3 Position # Type Color  
2ndElectric#9 Scroller  
2ndElectric 9 36° Source Four

Channel: 4 Position # Type Color Circuit Group Use  
2ndElectric#8 Scroller Scrollers Frame  
2ndElectric 8 36° Source Four 39 Scrollers

Channel: 5 Position # Type Color Circuit Group Use  
1st Electric 2 36° Source Four R64 14 Blue High Side

Channel: 6 Position # Type Color Circuit Group Use  
1st Electric 1 36° Source Four R64 13 Blue High Side

Channel: 7 Position # Type Color Circuit Group Use  
2ndElectric 2 36° Source Four R64 28 Blue High Side

Channel: 8 Position # Type Color Circuit Group Use  
2ndElectric 1 36° Source Four R64 27 Blue High Side

Channel: 9 Position # Type Color Circuit Group Use  
1st Electric 3 26° Source Four L201 19

Channel: 10 Position # Type Color Circuit Group Use

Sort/Configure

Sort Keys (in order of precedence)

Channel Must Not Be Blank  
Position Must Not Be Blank  
# Must Not Be Blank

Show Divisions  
Show Border Line  
Label Divisions  
Heading Every Division  
Page Break Every Division  
Calculated Division Summary (watts or trim&weight)

Position Must Match:

Done

No Selection

Disable Info Field Selection

The screenshot shows the LXBeams software interface with a focus on the 'Sort/Configure' dialog box. A green arrow points to the 'Channel' column header in the main table. A red arrow points to the 'Sort/Configure' tab in the dialog box. Another red arrow points to the 'Must Not Be Blank' checkbox under the 'Channel' sort key. The dialog box also contains other sorting options like 'Position' and '#', and various print settings like 'Show Divisions' and 'Label Divisions'.

# The light without a channel assignment no longer appears.

LXBeams File Edit Format Setup View Window Help

Intro Plot -21 — Edited

circuits Views x:  
y:

Intro Plot -21 Instrument Schedule Positions Side Front Channel List

Channel: 1 Position # Type Color Circuit Group Use

Position	#	Type	Color	Circuit	Group	Use
1st Electric#5		Scroller			Scrollers	Frame
1st Electric	5	36° Source Four		26	Scrollers	

Channel: 2 Position # Type Color Circuit Group Use

Position	#	Type	Color	Circuit	Group	Use
1st Electric#4		Scroller			Scrollers	Frame
1st Electric	4	36° Source Four		25	Scrollers	

Channel: 3 Position # Type Color Circuit Group Use

Position	#	Type	Color	Circuit	Group	Use
2ndElectric#9		Scroller			Scrollers	Frame
2ndElectric	9	36° Source Four		40	Scrollers	

Channel: 4 Position # Type Color Circuit Group Use

Position	#	Type	Color	Circuit	Group	Use
2ndElectric#8		Scroller			Scrollers	Frame
2ndElectric	8	36° Source Four		39	Scrollers	

Channel: 5 Position # Type Color Circuit Group Use

Position	#	Type	Color	Circuit	Group	Use
1st Electric	2	36° Source Four	R64	14	Blue High Side	

Channel: 6 Position # Type Color Circuit Group Use

Position	#	Type	Color	Circuit	Group	Use
1st Electric	1	36° Source Four	R64	13	Blue High Side	

Channel: 7 Position # Type Color Circuit Group Use

Position	#	Type	Color	Circuit	Group	Use
2ndElectric	2	36° Source Four	R64	28	Blue High Side	

Channel: 8 Position # Type Color Circuit Group Use

Position	#	Type	Color	Circuit	Group	Use
2ndElectric	1	36° Source Four	R64	27	Blue High Side	

Channel: 9 Position # Type Color Circuit Group Use

Position	#	Type	Color	Circuit	Group	Use
1st Electric	3	26° Source Four	L201	19		

Channel: 10 Position # Type Color Circuit Group Use

Position	#	Type	Color	Circuit	Group	Use
2ndElectric	5	Revolution		33		

No Selection

Disable Info Field Selection

# Choose View→Report→Create Report.

LXBeams File Edit Format Setup View Window Help

Tools ⌘T Intro Plot -21 — Edited  
Hide Inspector ⌘I  
Notes

Report ► Create Report... ⌘P

Section ► Remove Report...

Beams ► Report Options  
Views ► Page Setup...

Show Rulers ⌘R  
Show Grid ⌘⌘R  
Snap To Grid ⌘R  
Show Page Breaks ►

Hide Page Guide  
Alternating Background Breaks ►

Add Column  
Delete Column

Intro Plot -21

Instrument Schedule

Channel List

No Selection

Disable Info Field Selection

Position	#	Type	Color	Circuit	Group	Use
1st Electric#5		Scroller				
1st Electric	5	36° Source Four				
1st Electric#4		Scroller				
1st Electric	4	36° Source Four				
2ndElectric#9		Scroller				
2ndElectric	9	36° Source Four				
2ndElectric#8		Scroller				
2ndElectric	8	36° Source Four		39	Scrollers	
1st Electric	2	36° Source Four	R64	14	Blue High Side	
1st Electric	1	36° Source Four	R64	13	Blue High Side	
2ndElectric	2	36° Source Four	R64	28	Blue High Side	
2ndElectric	1	36° Source Four	R64	27	Blue High Side	
1st Electric	3	26° Source Four	L201	19		
2ndElectric	5	Revolution		33		

# Select "Load from Library..."

LXBeams File Edit Format Setup View Window Help

Intro Plot -21 — Edited

circuits Views x:  
y:

Channel List

Select report:

- ✓ Instrument Schedule
- Positions
- Channel List
- Load from Library...**
- Import...
- New...

Frame

No Selection

Disable Info Field Selection

Intro Plot -21		Instrument Schedule		Positions		
	Position	#	Type	Color	Circuit	Group
Channel: 1	Position #	Type	Color	Circuit	Group	
	1st Electric#5	Scroller			Scrollers	
	1st Electric 5	36° Source Four		26	Scrollers	
Channel: 2	Position #	Type	Color	Circuit	Group	
	1st Electric#4	Scroller			Scrollers	
	1st Electric 4	36° Source Four		25	Scrollers	
Channel: 3	Position #	Type	Color	Circuit	Group	Use
	2ndElectric#9	Scroller			Scrollers	Frame
	2ndElectric 9	36° Source Four		40	Scrollers	
Channel: 4	Position #	Type	Color	Circuit	Group	Use
	2ndElectric#8	Scroller			Scrollers	Frame
	2ndElectric 8	36° Source Four		39	Scrollers	
Channel: 5	Position #	Type	Color	Circuit	Group	Use
	1st Electric 2	36° Source Four	R64	14	Blue High Side	
Channel: 6	Position #	Type	Color	Circuit	Group	Use
	1st Electric 1	36° Source Four	R64	13	Blue High Side	
Channel: 7	Position #	Type	Color	Circuit	Group	Use
	2ndElectric 2	36° Source Four	R64	28	Blue High Side	
Channel: 8	Position #	Type	Color	Circuit	Group	Use
	2ndElectric 1	36° Source Four	R64	27	Blue High Side	
Channel: 9	Position #	Type	Color	Circuit	Group	Use
	1st Electric 3	26° Source Four	L201	19		
Channel: 10	Position #	Type	Color	Circuit	Group	Use
	2ndElectric 5	Revolution		33		
Channel: 11	Position #	Type	Color	Circuit	Group	Use

# Select "Channel Summary"

LXBeams File Edit Format Setup View Window Help

Intro Plot -21 — Edited

circuits Views x:  
y:

Intro Plot -21 | Instrument Schedule | Positions

Position # Type Color Circuit Group

Channel: 1

Position	#	Type	Color	Circuit	Group
1st Electric#5		Scroller			Scrollers
1st Electric	5	36° Source Four		26	Scrollers

Channel: 2

Position	#	Type	Color	Circuit	Group
1st Electric#4		Scroller			Scrollers
1st Electric	4	36° Source Four		25	Scrollers

Channel: 3

Position	#	Type	Color	Circuit	Group
2ndElectric#9		Scroller			Scrollers
2ndElectric	9	36° Source Four		40	Scrollers

Channel: 4

Position	#	Type	Color	Circuit	Group
2ndElectric#8		Scroller			Scrollers
2ndElectric	8	36° Source Four		39	Scrollers

Channel: 5

Position	#	Type	Color	Circuit	Group
1st Electric	2	36° Source Four	R64	14	Blue High Side

Channel: 6

Position	#	Type	Color	Circuit	Group	Use
1st Electric	1	36° Source Four	R64	13	Blue High Side	

Channel: 7

Position	#	Type	Color	Circuit	Group	Use
2ndElectric	2	36° Source Four	R64	28	Blue High Side	

Channel: 8

Position	#	Type	Color	Circuit	Group	Use
2ndElectric	1	36° Source Four	R64	27	Blue High Side	

Channel: 9

Position	#	Type	Color	Circuit	Group	Use
1st Electric	3	26° Source Four	L201	19		

Channel: 10

Position	#	Type	Color	Circuit	Group	Use
2ndElectric	5	Revolution		33		

Channel: 11

Position	#	Type	Color	Circuit	Group	Use
----------	---	------	-------	---------	-------	-----

Select report:

- ✓ ASCII Patch
- Channel Export
- Channel List
- Channel Summary**
- Circuit List
- Color Count
- Dimmer List
- Export
- Group Summary
- HTML Active Channel Summary
- Instrument Schedule
- M-Channel List
- M-Dimmer List
- Positions
- Single Unit
- Symbols
- Unused Circuits
- Import...
- New...

Channel List

No Selection

Disable Info Field Selection

# The Channel Summary shows the channels and their functions.

LXBeams File Edit Format Setup View Window Help

Intro Plot -21 — Edited

circuits Views x:  
y:

Intro Plot -21 Instrument Sch... Positions Side Front Channel List Channel Summ...

Channel Group Use Color Patch

Channel	Group	Use	Color	Patch
1	Scrollers			26
1 Frame	Scrollers	(1) Frame		
2	Scrollers			25
2 Frame	Scrollers	(2) Frame		
3	Scrollers			40
3 Frame	Scrollers	(3) Frame		
4	Scrollers			39
4 Frame	Scrollers	(4) Frame		
5	Blue High Side		R64	14
6	Blue High Side		R64	13
7	Blue High Side		R64	28
8	Blue High Side		R64	27
9			L201	19
10		Intensity		300
10 Pan		Frame		312
10 Pa...		Pan		301
10 Tilt		Pan (fine)		302
10 Tilt...		Tilt		303
10 frost		Tilt (fine)		304
10 Edge		Iris%		314
10 Sp...		Spot/Flood		307
10 ed...		Template		315
10 col...		Edge		306
10 bea...		frost		305
10 Reset		Gobo Rotation		316
10 Fra...		GFUN1		317
10 fan		GFUN1 (fine)		318
10 Iris%		Template		319
10 Te...		GROT2		320
10 Go...		GFUN2		321
10 GF...		GFUN2 (fine)		322

No Selection

Disable Info Field Selection

# Choose View→Report→Create Report.

LXBeams File Edit Format Setup View Window Help

Tools ⌘T Intro Plot -21 — Edited  
Hide Inspector ⌘I x:  
Notes ws y:

Intro Plot -21 Instrument Sch... Position

Channel Group Use Color Patch

Channel	Group	Use	Color	Patch
1	Scrollers			26
1 Frame	Scrollers	(1) Frame		25
2	Scrollers			40
2 Frame	Scrollers	(2) Frame		
3	Scrollers			39
3 Frame	Scrollers	(3) Frame		
4	Scrollers			14
4 Frame	Scrollers	(4) Frame		
5	Blue High Side	R64		13
6	Blue High Side	R64		28
7	Blue High Side	R64		27
8	Blue High Side	R64		19
9			L201	
10		Intensity		300
10 Pan		Frame		312
10 Pa...		Pan		301
10 Tilt		Pan (fine)		302
10 Tilt...		Tilt		303
10 frost		Tilt (fine)		304
10 Edge		Iris%		314
10 Sp...		Spot/Flood		307
10 ed...		Template		315
10 col...		Edge		306
10 bea...		frost		305
10 Reset		Gobo Rotation		316
10 Fra...		GFUN1		317
10 fan		GFUN1 (fine)		318
10 Iris%		Template		319
10 Te...		GROT2		320
10 Go...		GFUN2		321
10 GF...		GFUN2 (fine)		322

Report ► Create Report... ⌘P  
Section ► Remove Report...  
Beams  
Views  
Show Rulers ⌘R  
Show Grid ⌘⌘R  
Snap To Grid ⌘R  
Show Page Breaks  
Zoom  
Enter Full Screen  
Clear Device Colors  
Faster PDF Display  
Draw Symbols in B&W

Channel Summ...

No Selection

Disable Info Field Selection

# Select “Load from Library...”

LXBeams File Edit Format Setup View Window Help

Intro Plot -21 — Edited

circuits Views x:  
y:

Intro Plot -21 Instrument Sch... Positions Sides

Channel	Group	Use	Color	Patch
1	Scrollers			26
1 Frame	Scrollers	(1) Frame		25
2	Scrollers			40
2 Frame	Scrollers	(2) Frame		
3	Scrollers			39
3 Frame	Scrollers	(3) Frame		
4	Scrollers			14
4 Frame	Scrollers	(4) Frame		13
5	Blue High Side	R64		28
6	Blue High Side	R64		27
7	Blue High Side	R64		L201
8	Blue High Side	R64		19
9				
10		Intensity		300
10 Pan		Frame		312
10 Pa...		Pan		301
10 Tilt		Pan (fine)		302
10 Tilt...		Tilt		303
10 frost		Tilt (fine)		304
10 Edge		Iris%		314
10 Sp...		Spot/Flood		307
10 ed...		Template		315
10 col...		Edge		306
10 bea...		frost		305
10 Reset		Gobo Rotation		316
10 Fra...		GFUN1		317
10 fan		GFUN1 (fine)		318
10 Iris%		Template		319
10 Te...		GROT2		320
10 Go...		GFUN2		321
10 GF...		GFUN2 (fine)		322

Select report:  
Load from Library...  
Cancel OK

List Channel Summ...

No Selection

Disable Info Field Selection

# Select "Group Summary"

LXBeams File Edit Format Setup View Window

circuits

Channel	Group	Use	Color	Patch
1	Scrollers			26
1 Frame	Scrollers	(1) Frame		25
2	Scrollers			40
2 Frame	Scrollers	(2) Frame		
3	Scrollers			39
3 Frame	Scrollers	(3) Frame		
4	Scrollers			14
4 Frame	Scrollers	(4) Frame		
5	Blue High Side	R64	13	
6	Blue High Side	R64	28	
7	Blue High Side	R64	27	
8	Blue High Side	R64	19	
9		L201		
10		Intensity	300	
10 Pan		Frame	312	
10 Pa...		Pan	301	
10 Tilt		Pan (fine)	302	
10 Tilt...		Tilt	303	
10 frost		Tilt (fine)	304	
10 Edge		Iris%	314	
10 Sp...		Spot/Flood	307	
10 ed...		Template	315	
10 col...		Edge	306	
10 bea...		frost	305	
10 Reset		Gobo Rotation	316	
10 Fra...		GFUN1	317	
10 fan		GFUN1 (fine)	318	
10 Iris%		Template	319	
10 Te...		GROT2	320	
10 Go...		GFUN2	321	
10 GF...		GFUN2 (fine)	322	

Channel List  
Channel Summary  
Circuit List  
Color Count  
Dimmer List  
Export  
**✓ Group Summary**  
HTML Active Channel Summary  
Instrument Schedule  
M-Channel List  
M-Dimmer List  
Positions  
Single Unit  
Symbols  
Unused Circuits  
Import...  
New...

List Channel Summ...

No Selection

Disable Info Field Selection

# The Group Summary is a list of the groups.

LXBeams File Edit Format Setup View Window Help

Intro Plot -21 — Edited

circuits Views x: y:

Intro Plot -21 Instrument... Positions Side Front Channel List Channel Su... Group Sum...

Group

Scrollers	Frame	
	1, 2, 3...	1, 2, 3...

Blue High Side

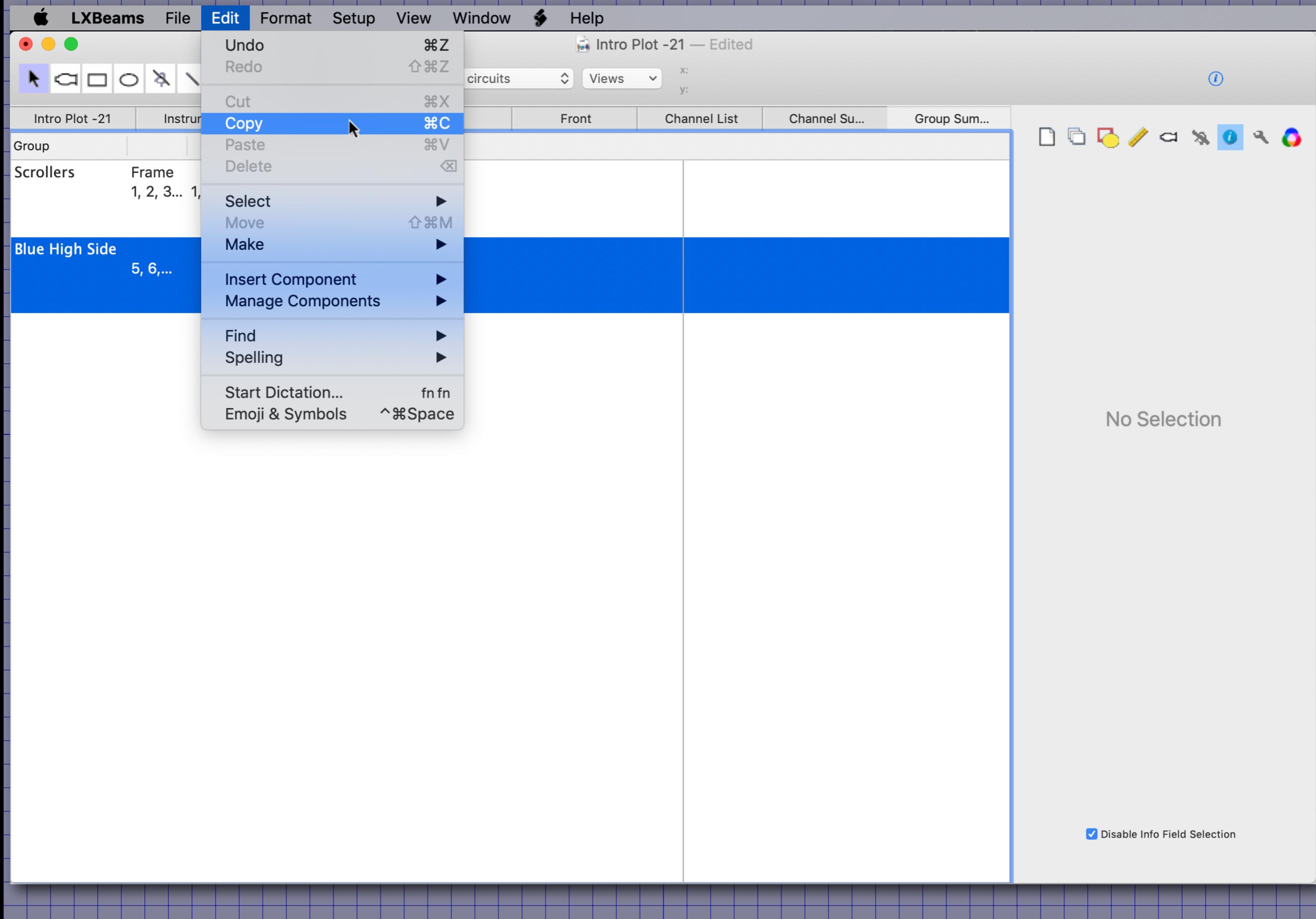
	5, 6,...

No Selection

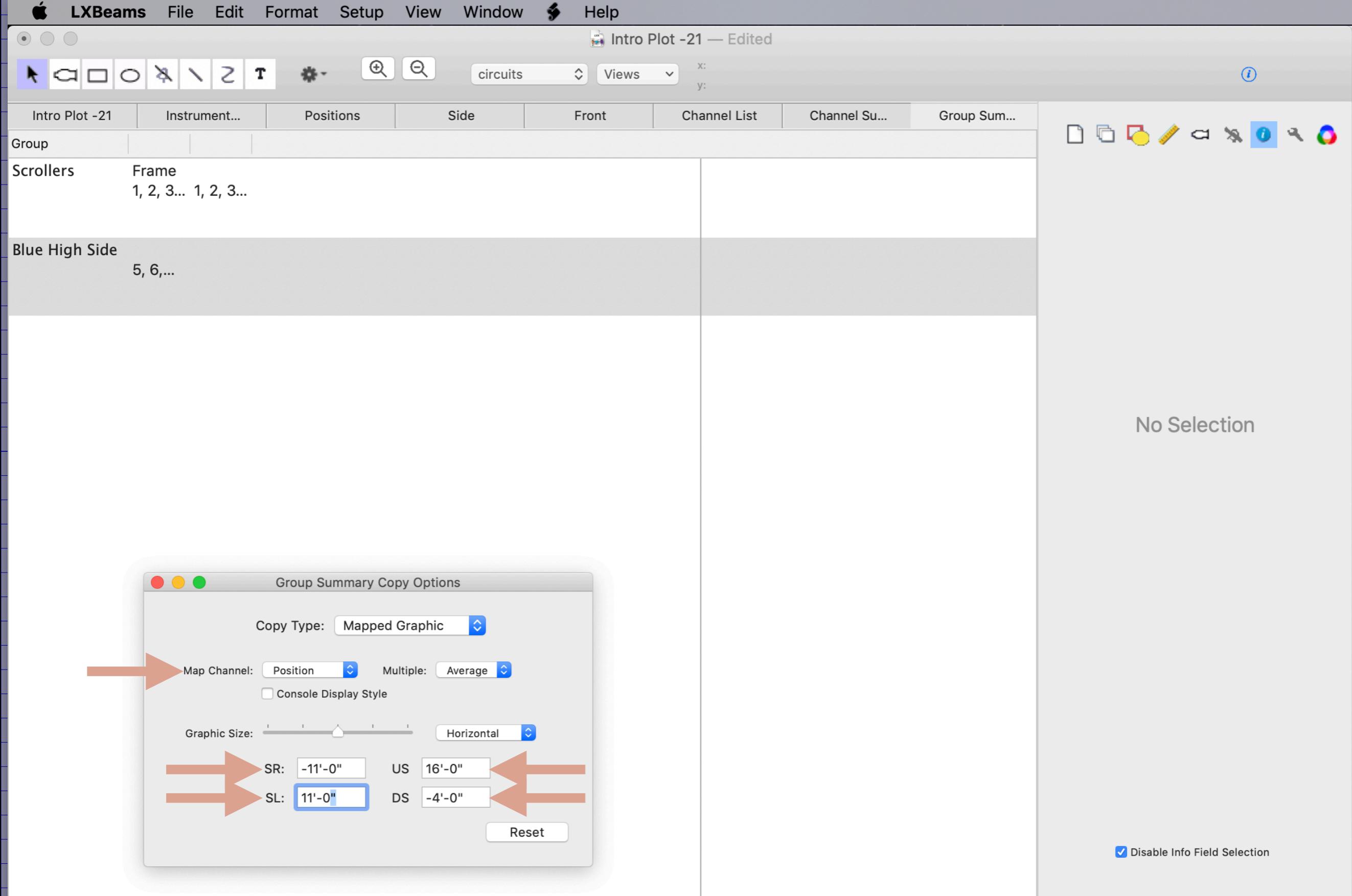
Disable Info Field Selection

This screenshot shows the LXBeams software interface. At the top, there's a menu bar with options like Apple, LXBeams, File, Edit, Format, Setup, View, Window, Help, and a status bar indicating 'Intro Plot -21 — Edited'. Below the menu is a toolbar with various icons for selection, zooming, and editing. The main workspace features several tabs: 'Intro Plot -21' (selected), 'Instrument...', 'Positions', 'Side', 'Front', 'Channel List', 'Channel Su...', and 'Group Sum...'. The 'Group Sum...' tab is currently active, displaying a table for 'Scrollers' with rows for 'Frame' and '1, 2, 3...'. Another table for 'Blue High Side' is also shown with a single row for '5, 6,...'. A status message 'No Selection' is visible in the bottom right. At the bottom right of the workspace, there's a checkbox for 'Disable Info Field Selection'.

Select the “Blue High Side” row and choose Edit→Copy.

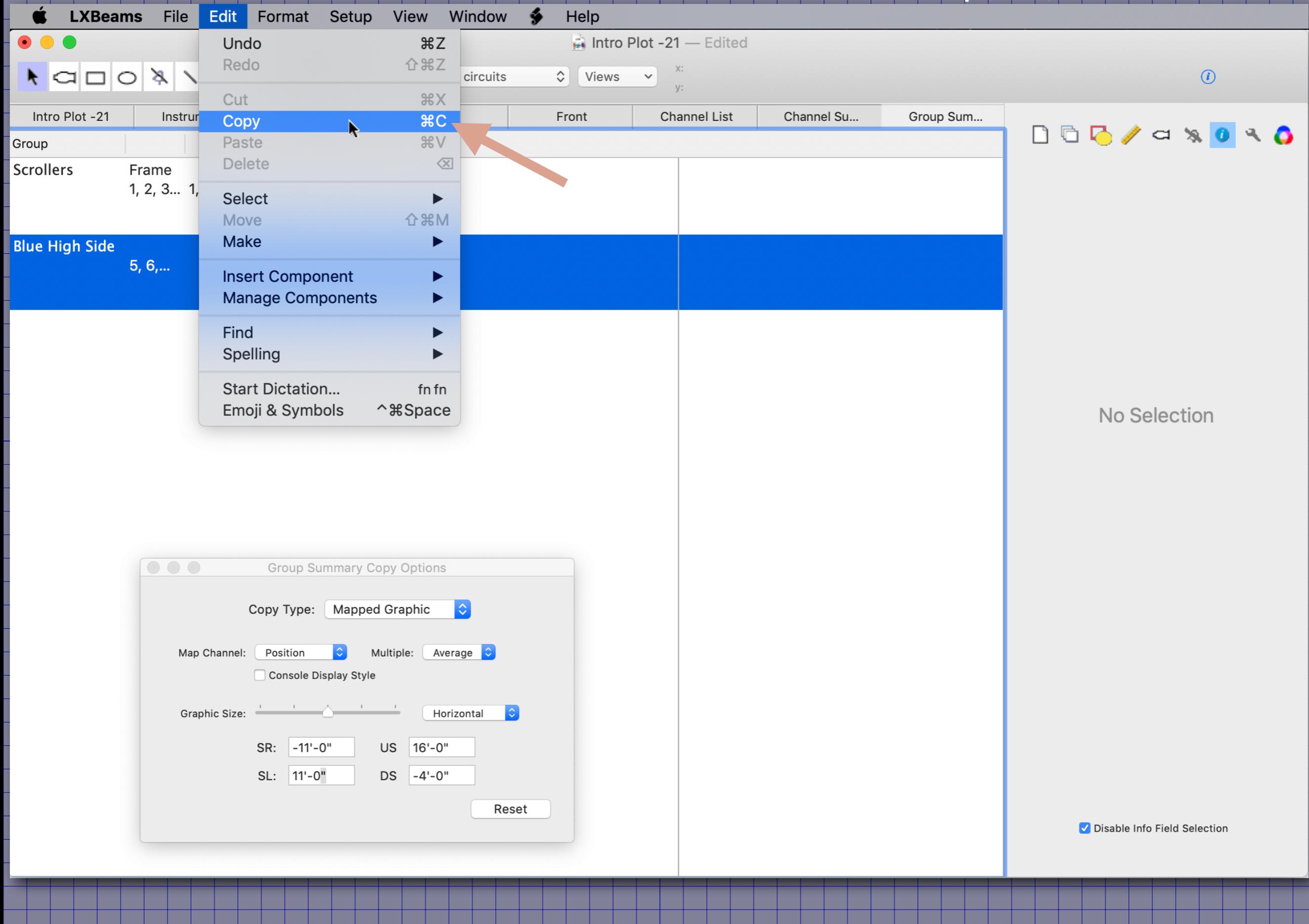


# The Group Summary Copy Options window appears.

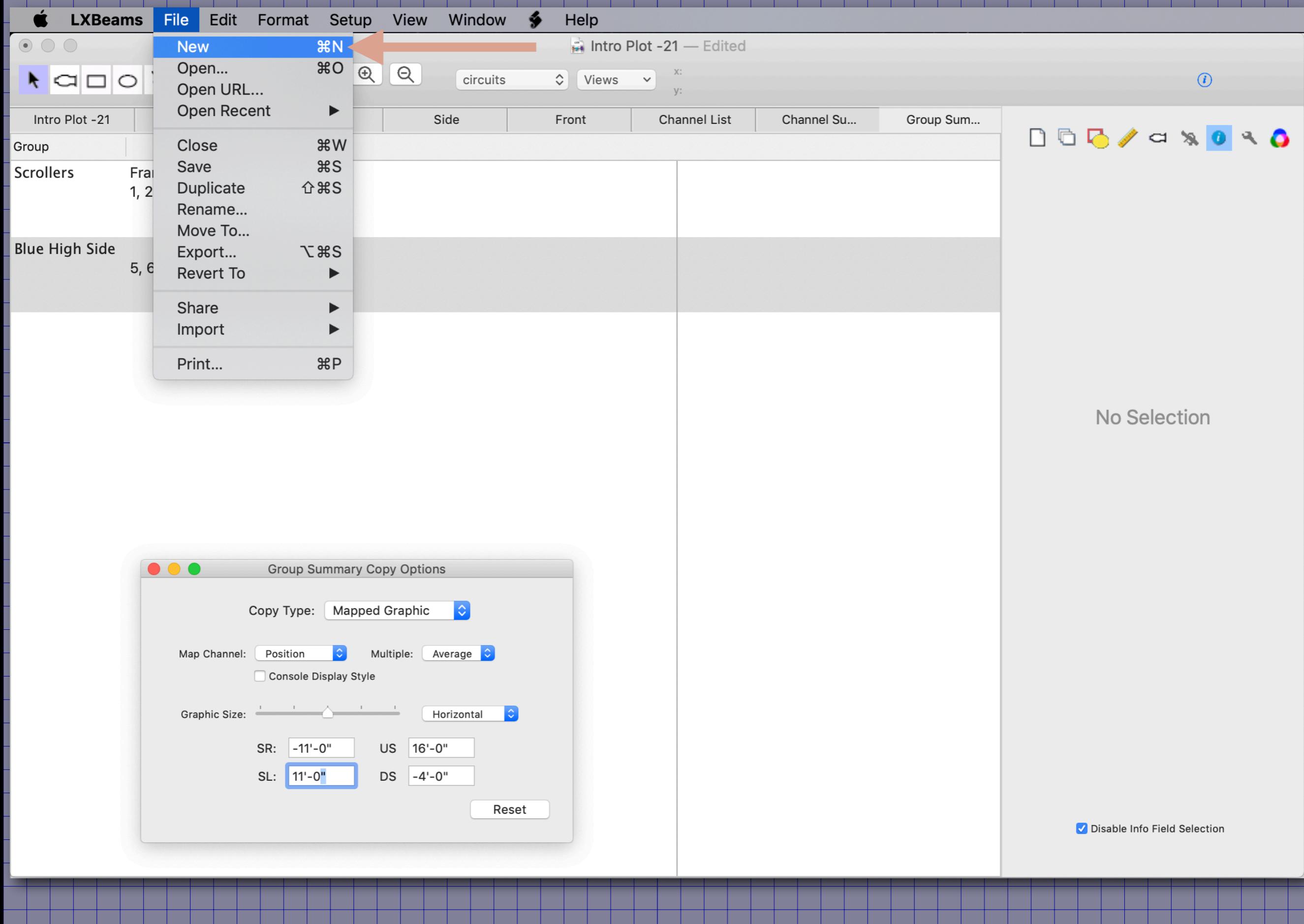


Set the SR to -11, the SL to 11, the US to 16 and the DS to -4.

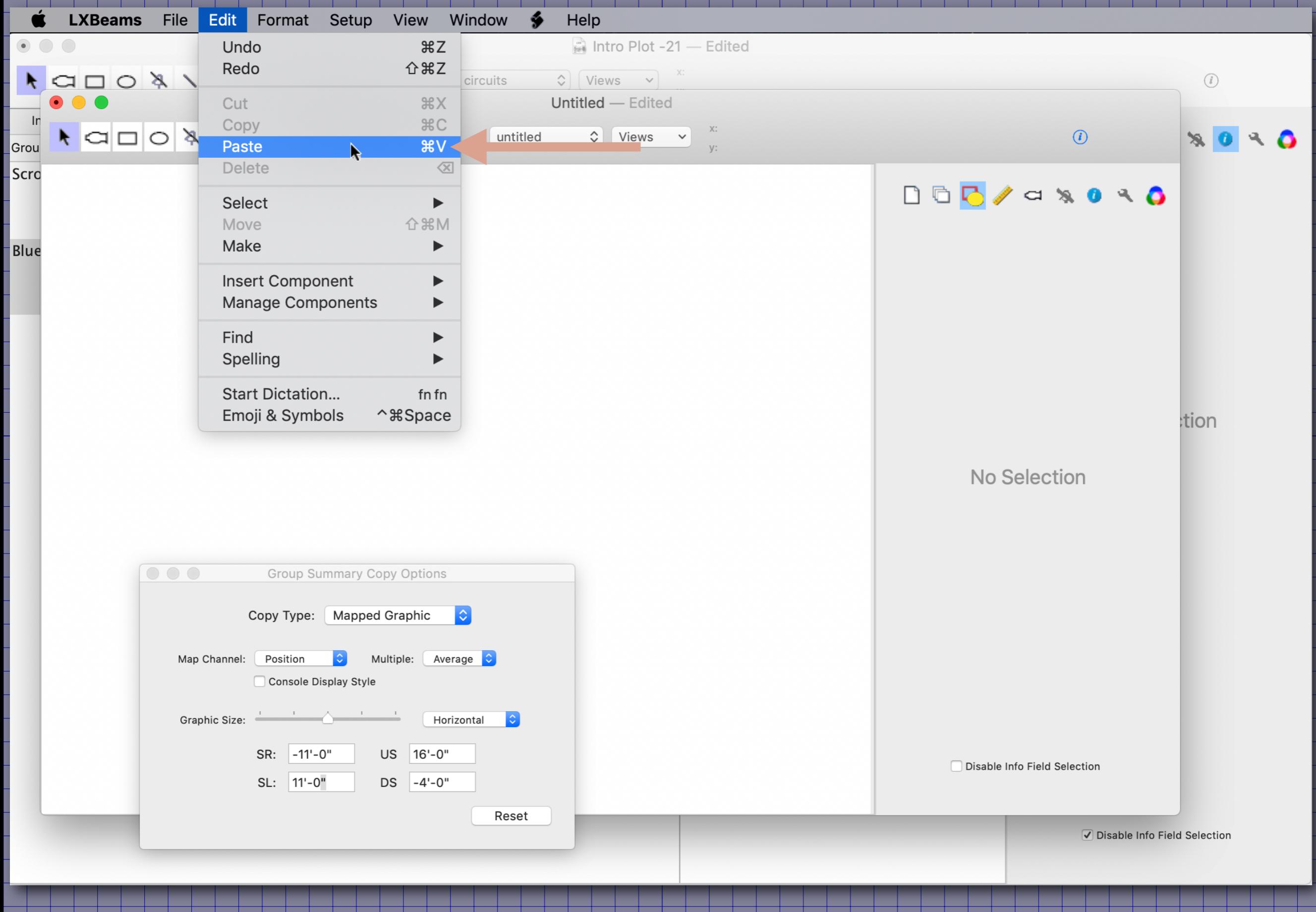
Click back on the table row and choose Copy again.



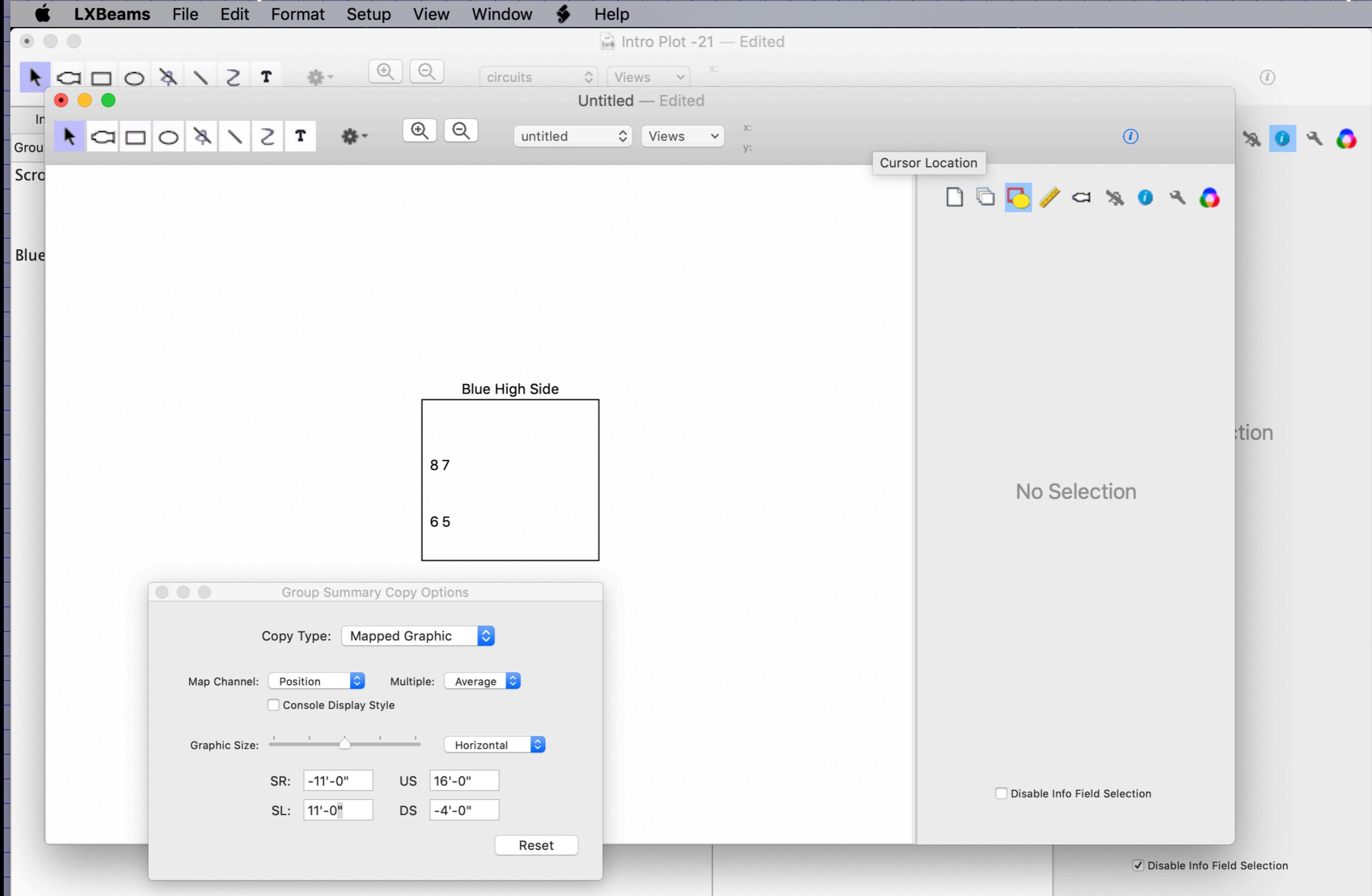
# Choose File→New.



# Choose Edit→Paste.



This adds graphics that indicate the location of the channels in the group.



This process can be used to create a "Magic Sheet"

In this section we've looked at adding accessory symbols.

- Selecting a light then selecting the accessory symbol has the option to add.
- Scrollers and similar devices are linked to an “owner” light.
- Scrollers can change the color of their owners.

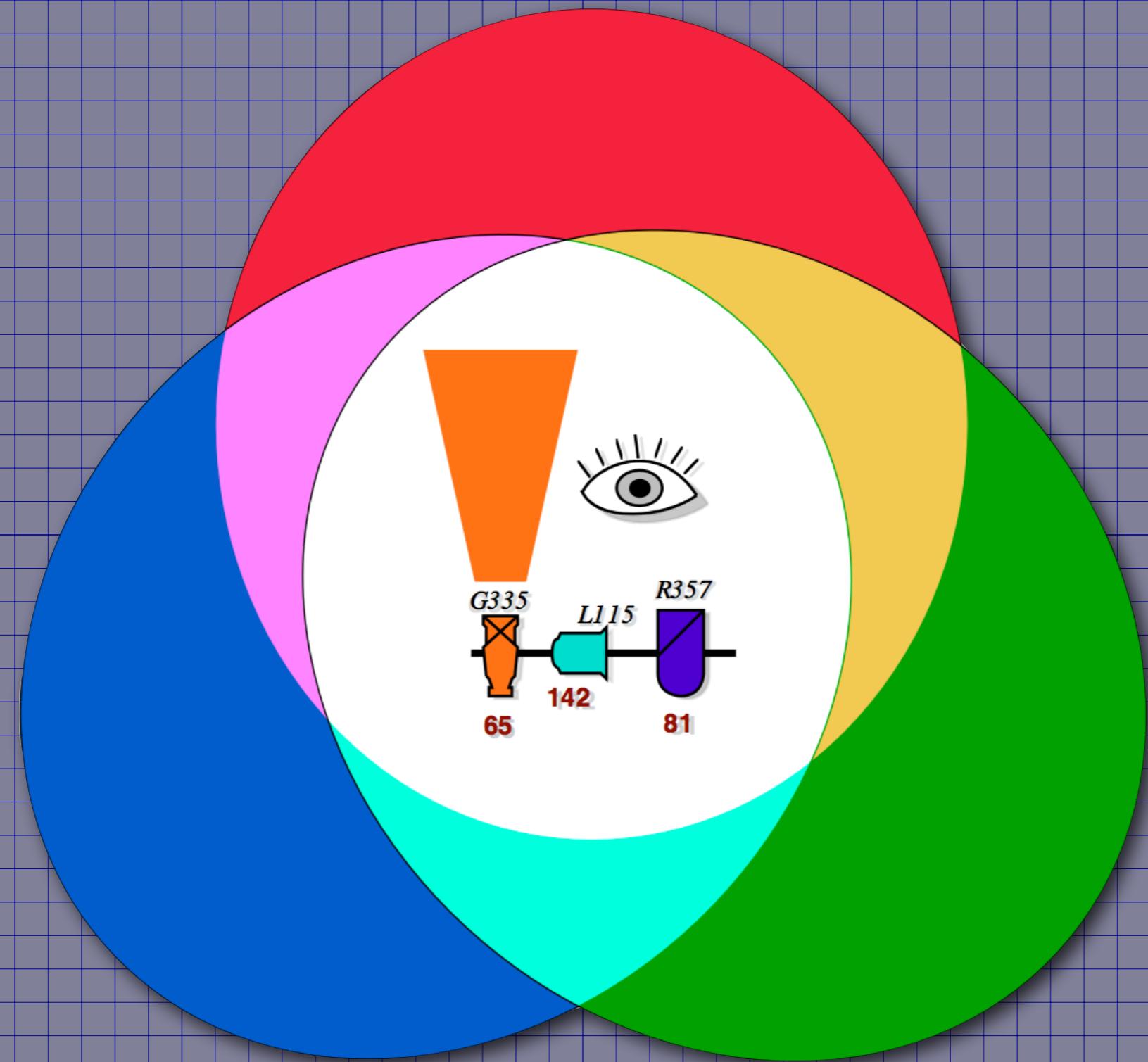
In this section we've looked at  
more about reports.

- Customizing a report.
- Channel and Group Summary reports.
- Copying and pasting from a group summary report to create a magic sheet.

# Try It Yourself

- Copy and paste a graphic showing the scrollers group
- Enter “Warm Front” for the R05 10 degrees
- Add a graphic to the magic sheet for them

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