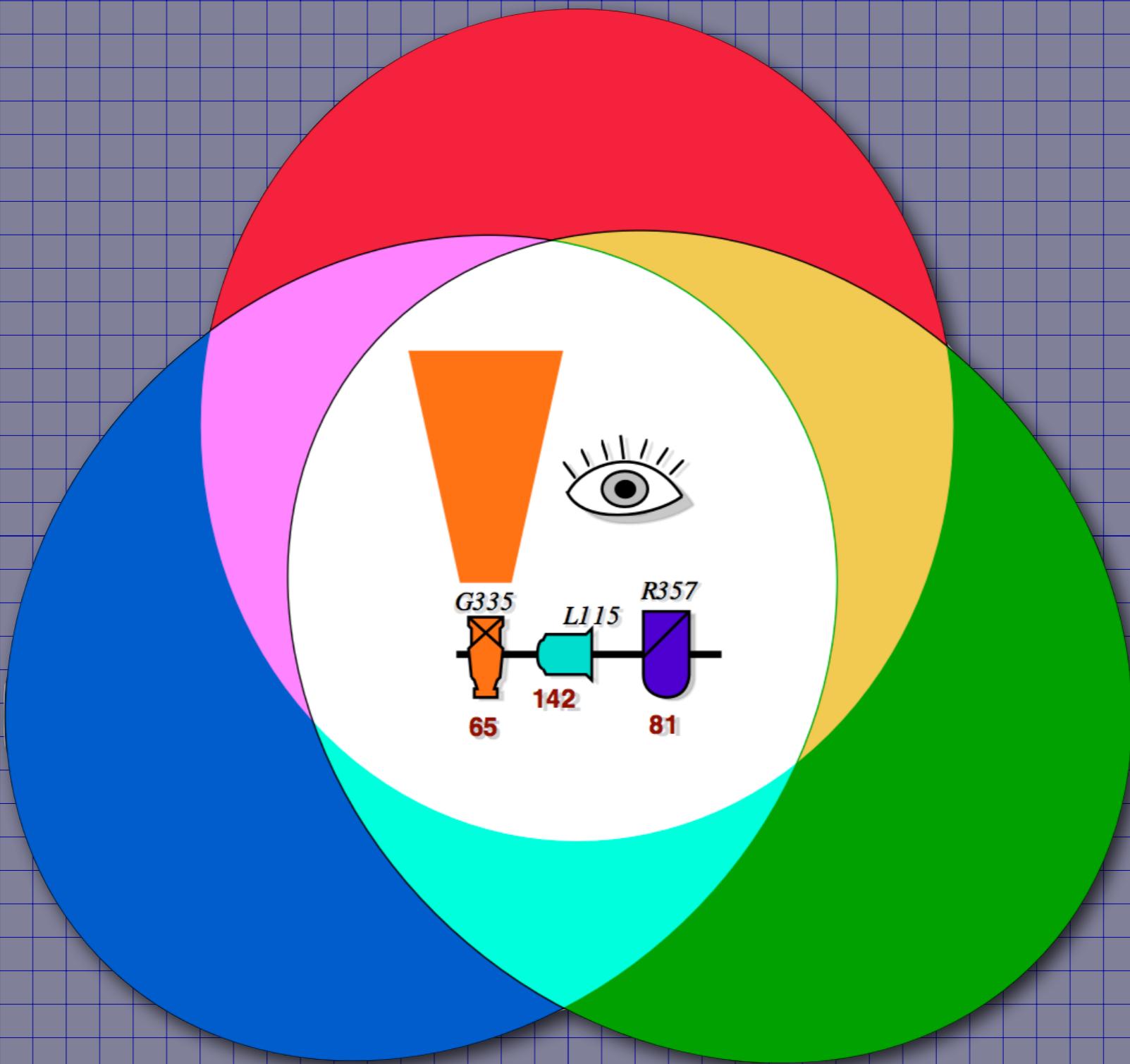


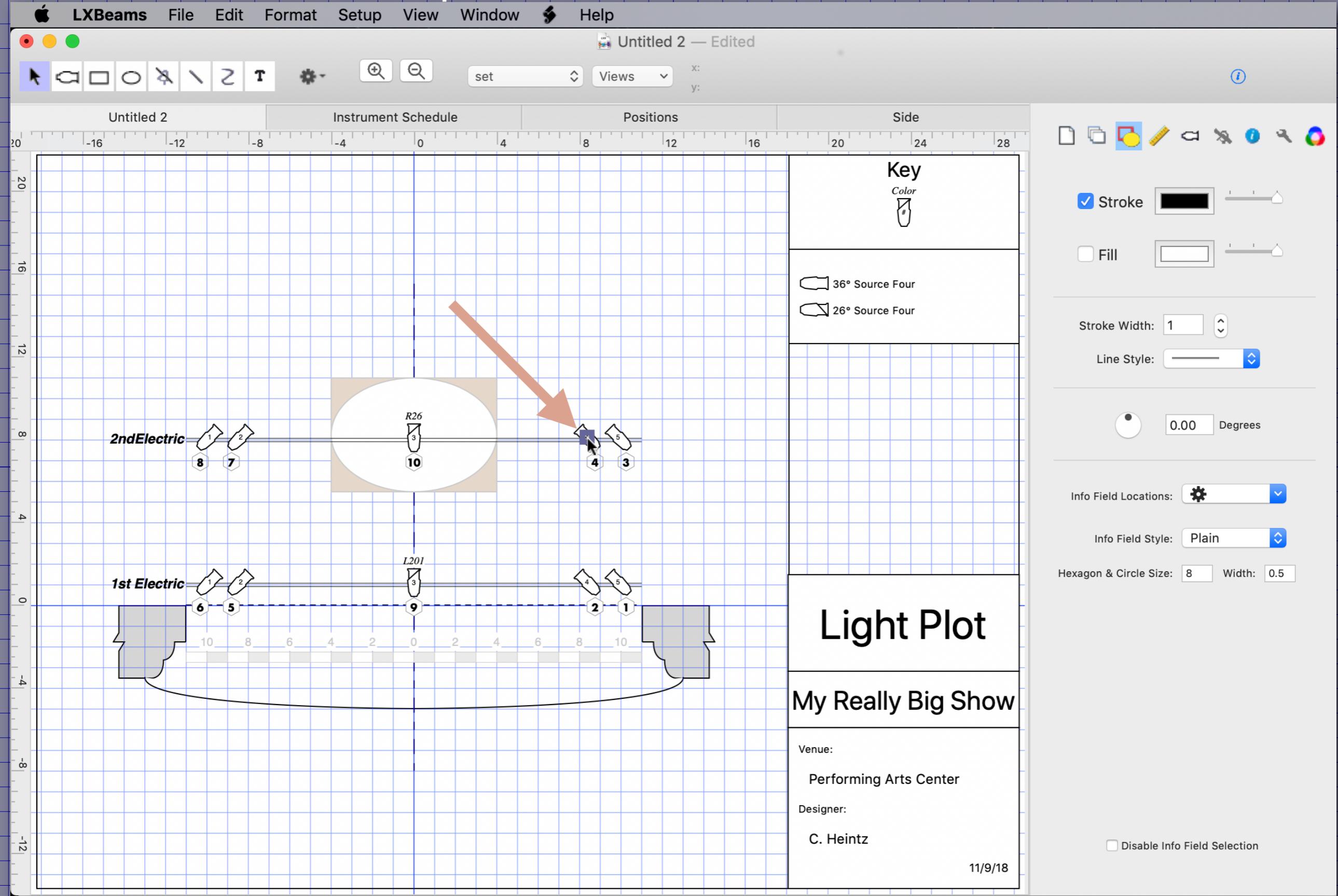
Inspector's Info Tab



IATSE 728 Workshop 2020

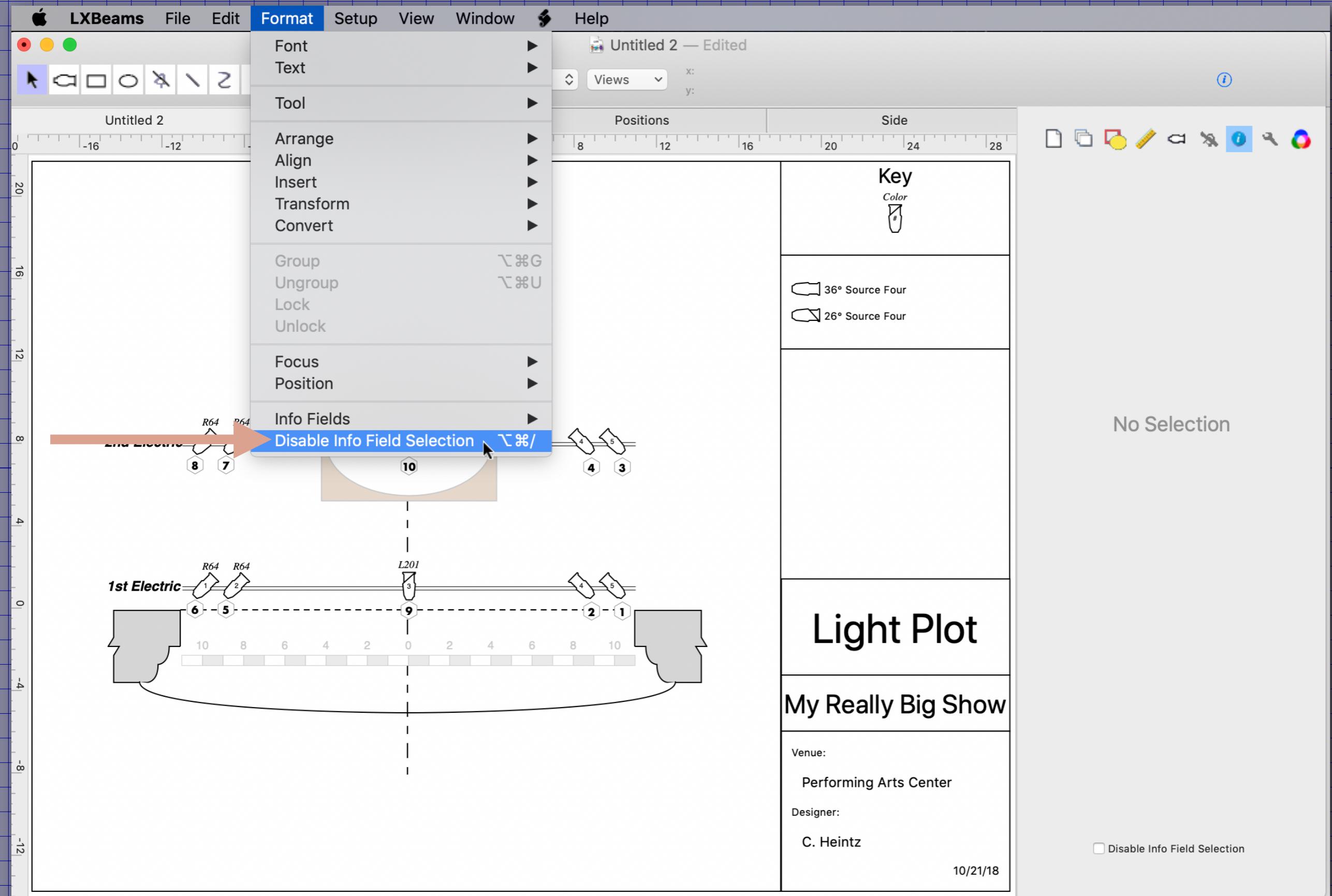
©2020

Hold down the option key and click the number of a light.



This is necessary so you don't accidentally select
and move an info field while trying to select a light

Choose Format→Disable Info Field Selection.



When this mode is active, you can't accidentally select and move an info field while trying to select a light

Try it by clicking on the field displaying channel 4.

LXBeams File Edit Format Setup View Window Help

Untitled 2 — Edited

Instrument Schedule

Positions

Side

Key

Color

Position

Light

36° Source Four

26° Source Four

More

Frost

Circuit

Mark

Note

Focus

Focus X -1'-6"

Focus Y 7'-0"

Focus Height 0'-0"

Device

3D

Rendering

X offset 0'-0"

Y offset 0'-0"

Z offset -1'-6"

Light Plot

My Really Big Show

Venue:
Performing Arts Center

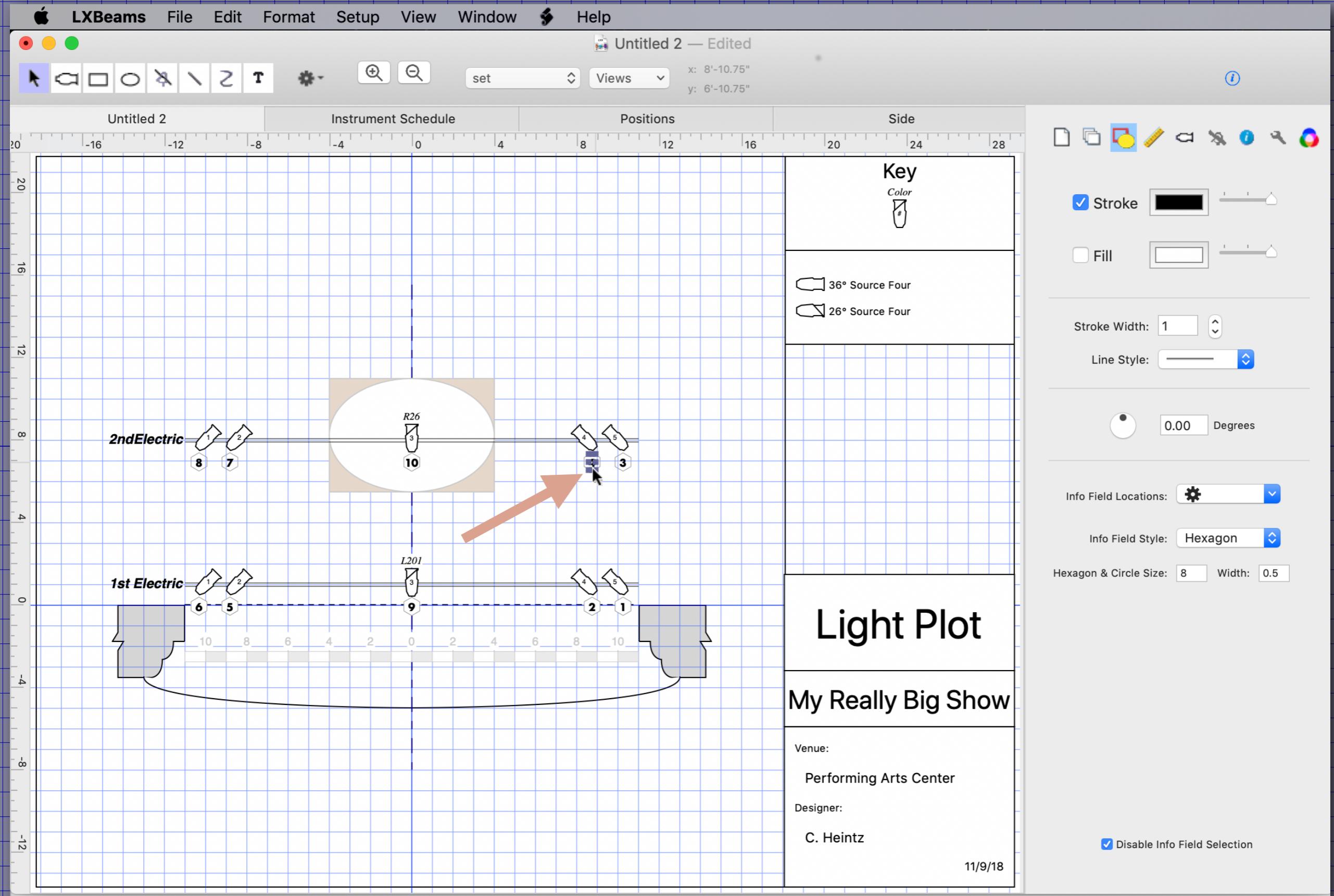
Designer:
C. Heintz

10/21/18

The screenshot shows the LXBeams software interface. On the left is a stage plot with two rows of fixtures. The top row is labeled '2nd Electric' and the bottom row '1st Electric'. The fixtures are numbered 1 through 10. A large orange arrow points to fixture number 4 in the top row. To the right of the stage plot is a 'Key' panel containing a color swatch and fixture definitions. Below the stage plot is a 'Light Plot' section with the title 'My Really Big Show' and venue information. The top menu bar includes 'File', 'Edit', 'Format', 'Setup', 'View', 'Window', and 'Help'. The bottom status bar shows the date '10/21/18'.

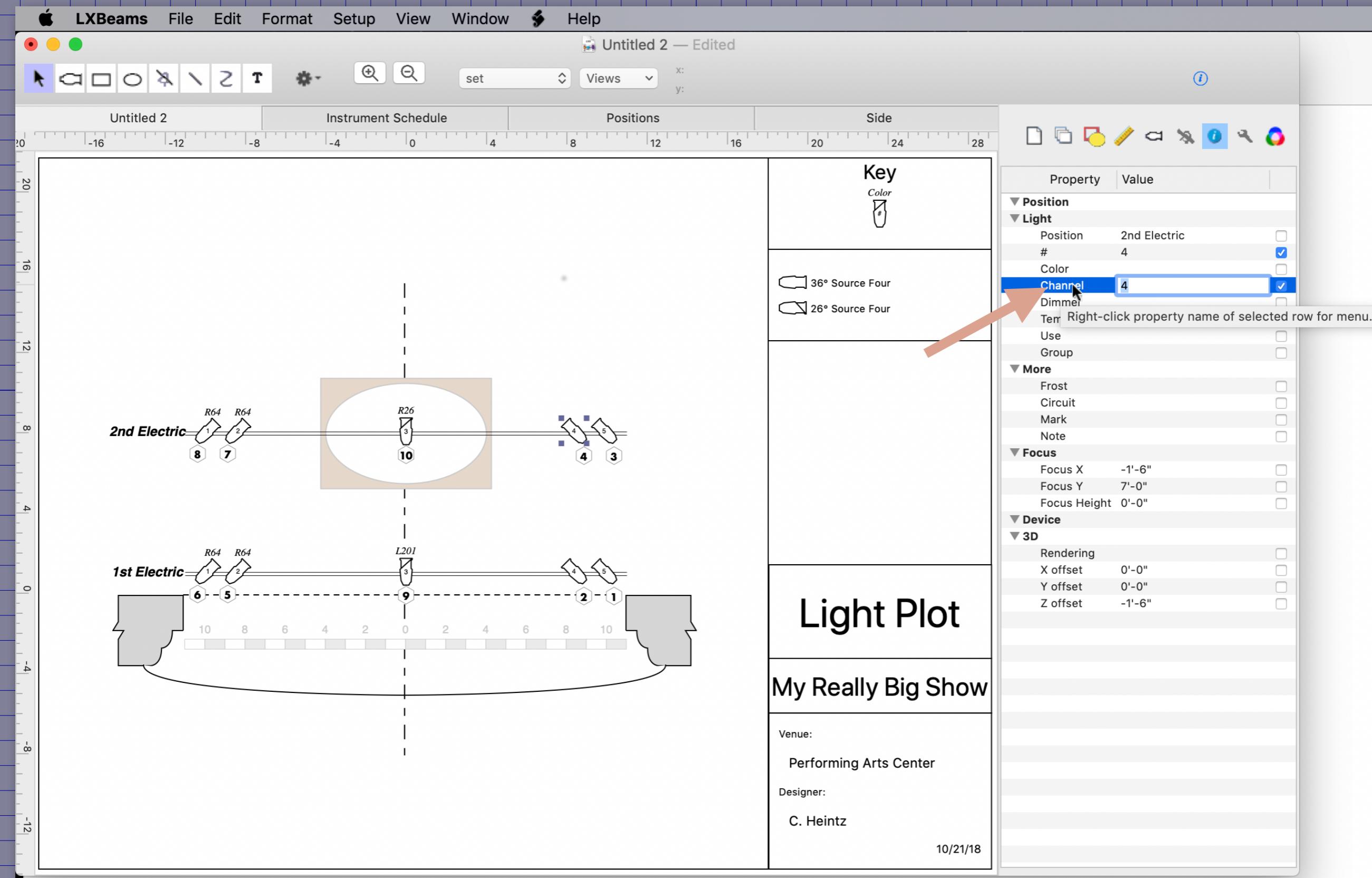
The Light that "owns" the field is selected instead.

Holding down option and clicking lets you select the field.

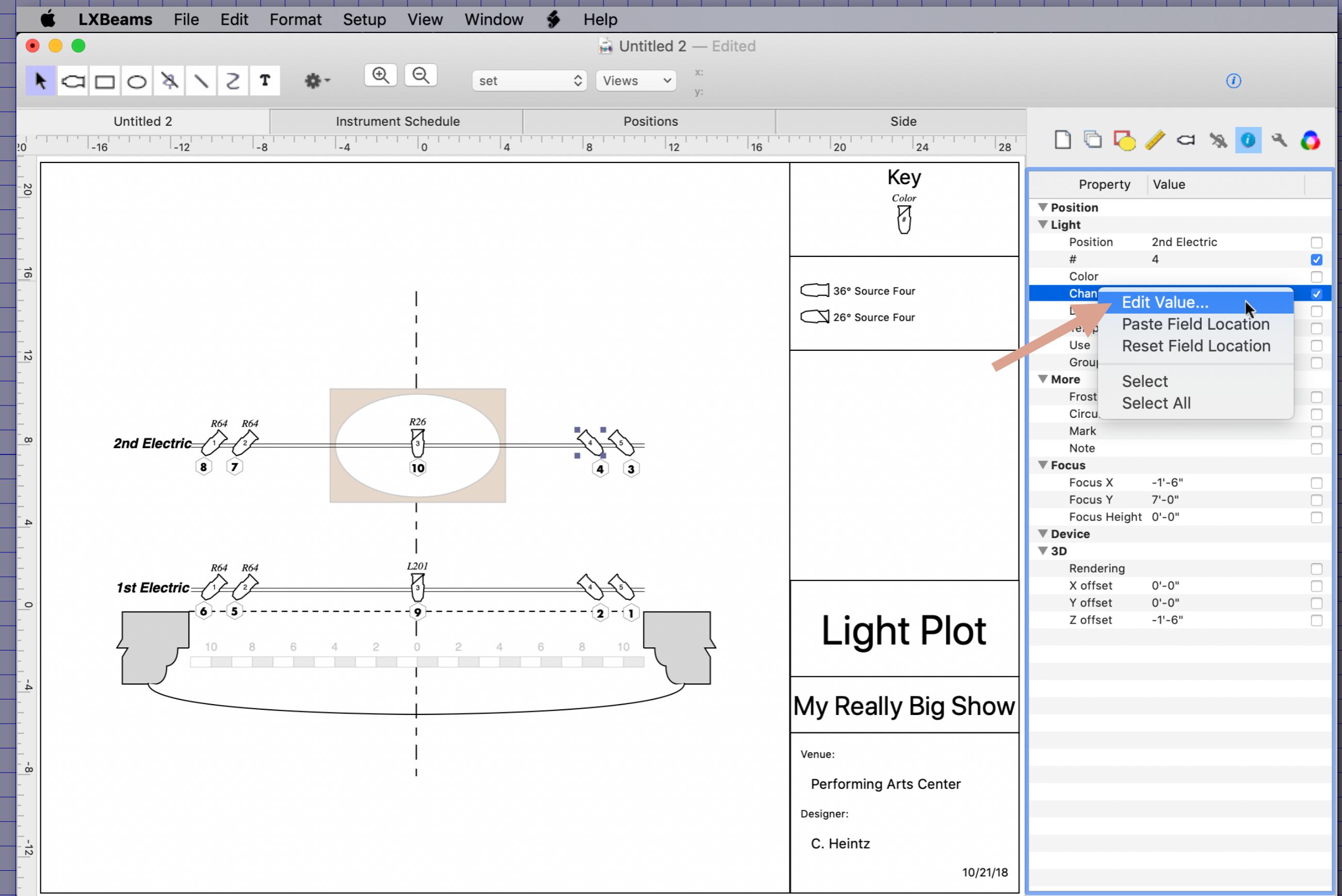


Option+click reverses the "Disable Info Field Selection" setting.

In the Inspector's Info table, double-click the word "Channel" in the Property column.

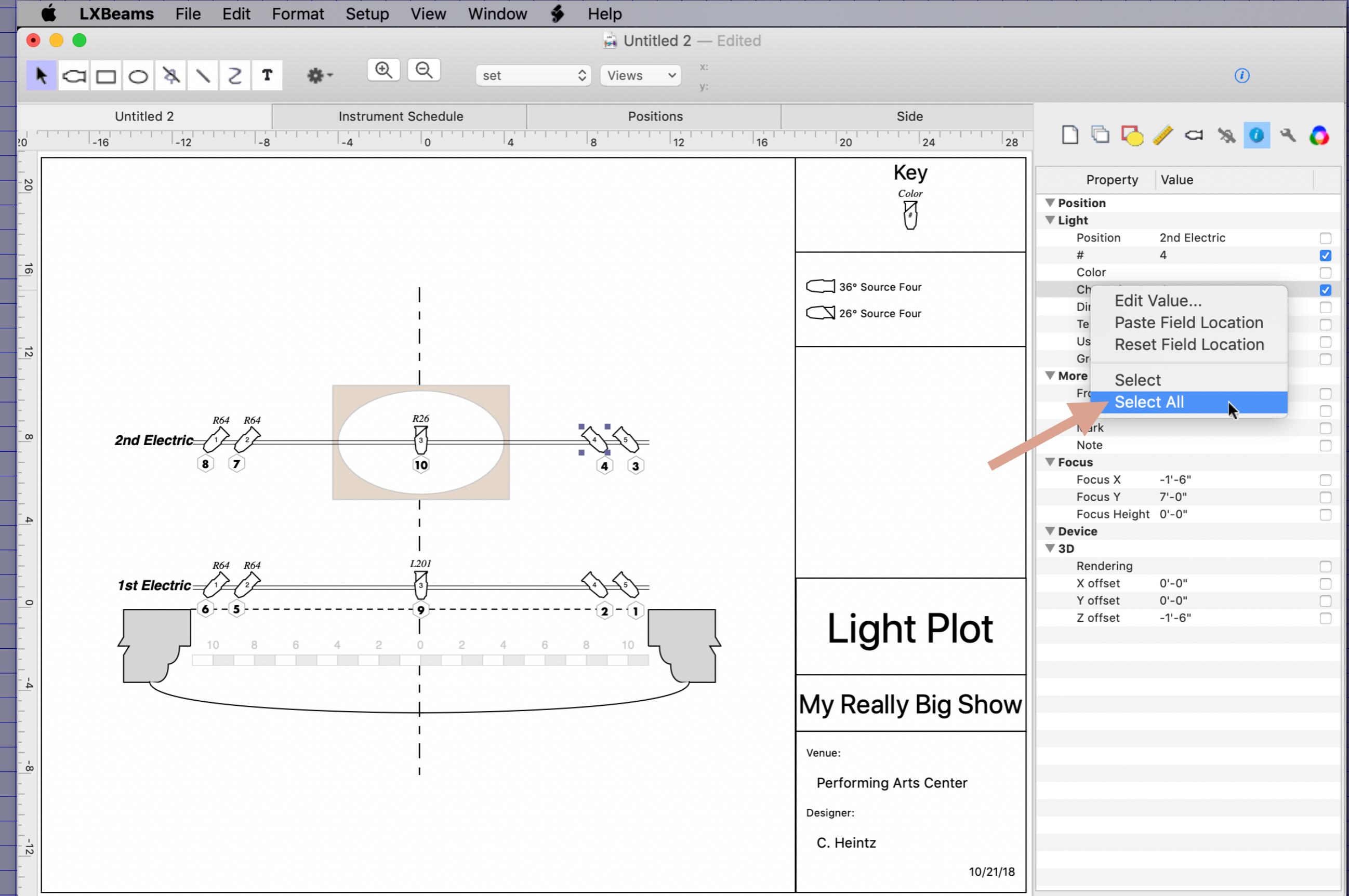


You can also right-click "channel" and select Edit Value...



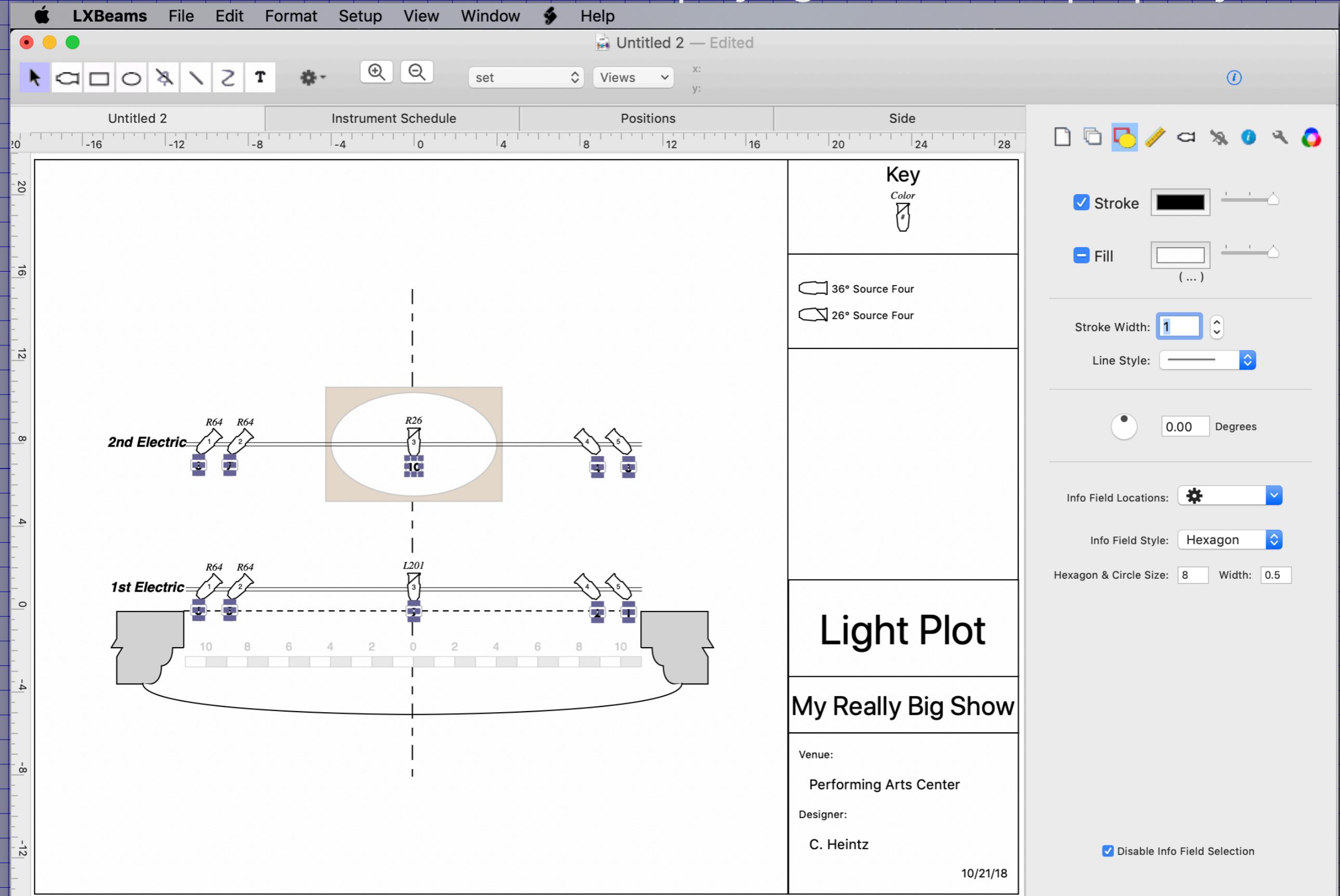
Right-click is also control key+click or two finger tap on a trackpad.

The menu also has functions such as "Select" for the displayed field



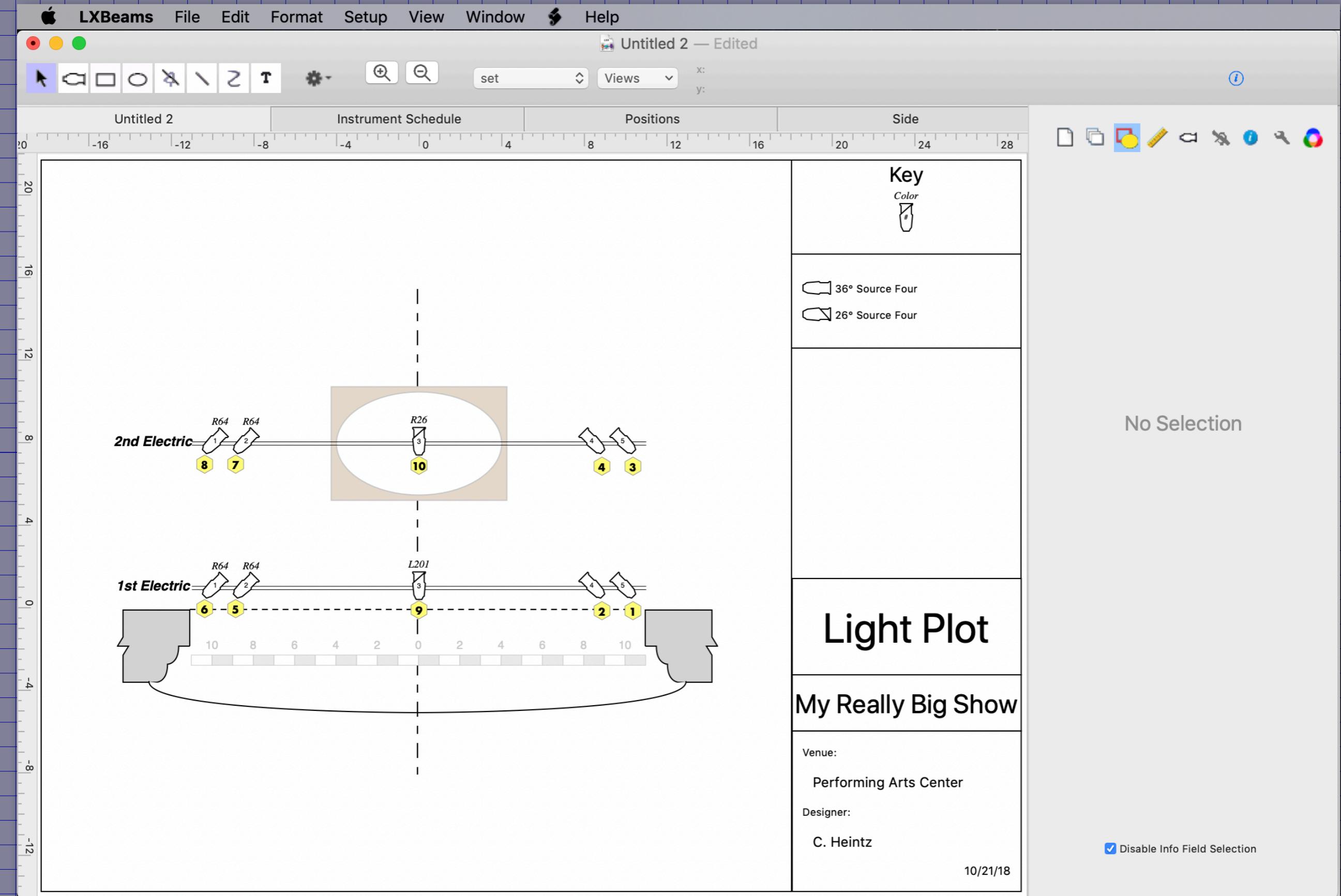
Try choosing "Select All"

Select All selects all fields displaying the channel property



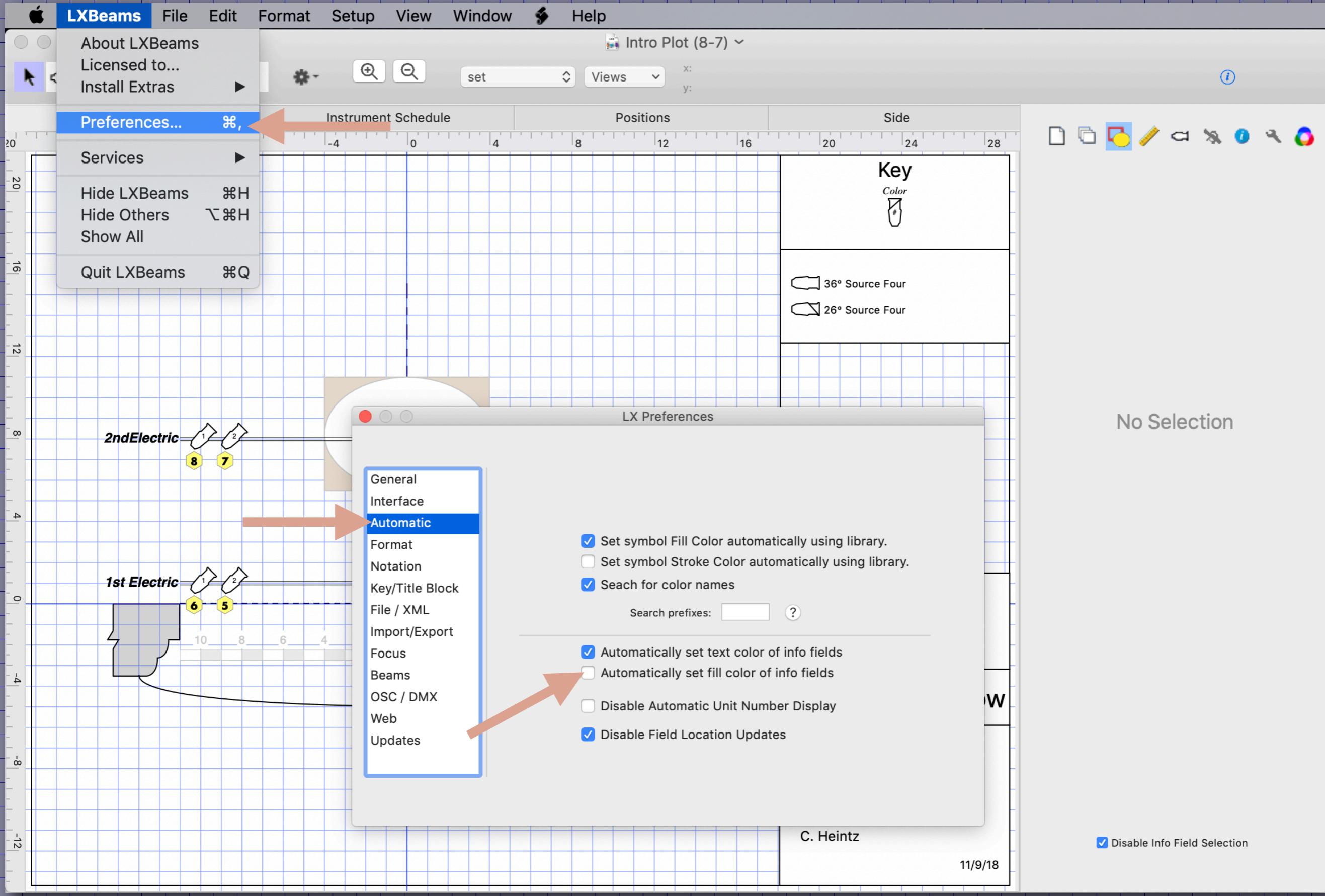
Font is always the same for all fields of the same type
but this allows you to do something like set the fill color.

This shows all channel fields with yellow fill:



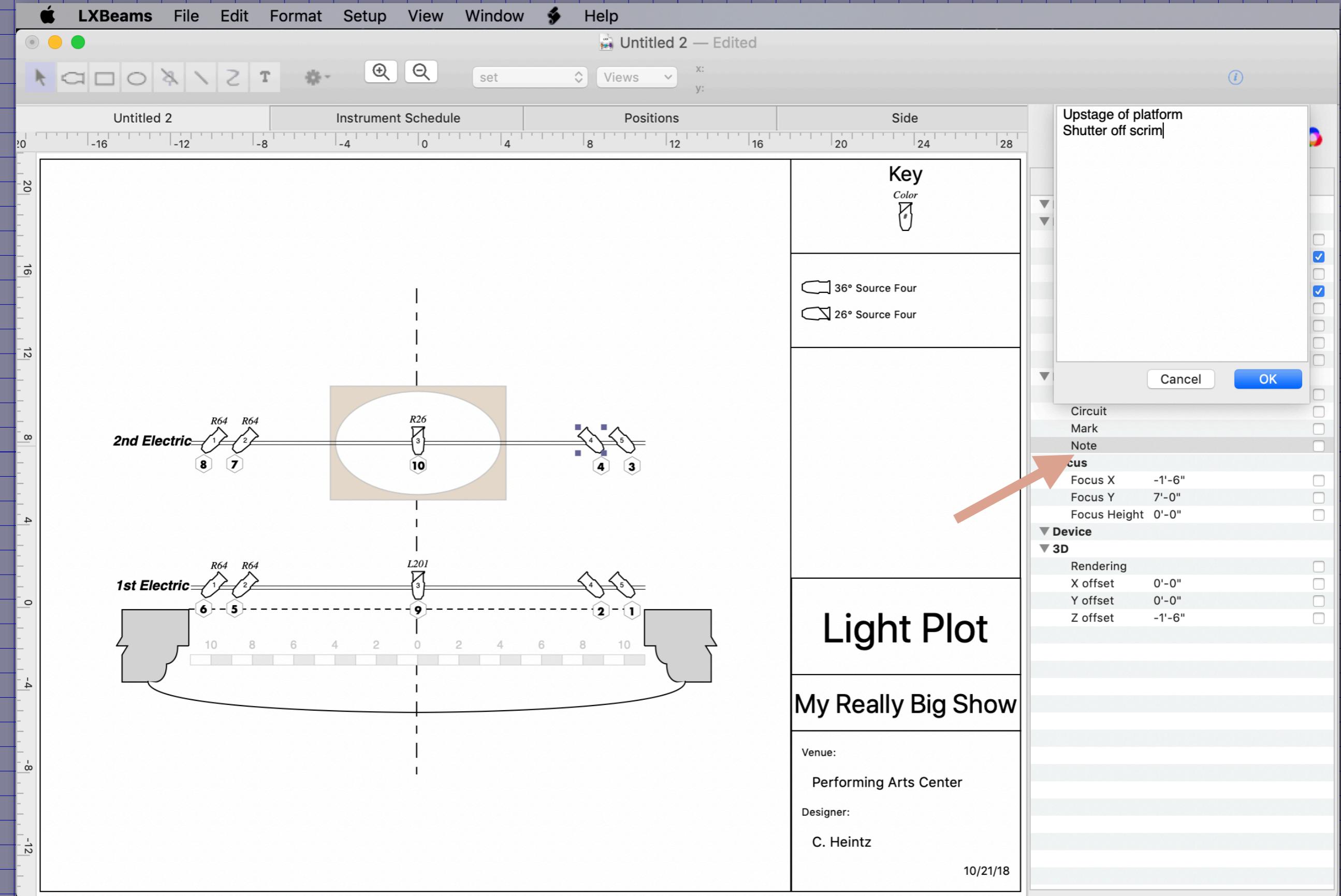
(You don't have to actually do this)

There's actually another way...



The Automatic tab of the Preferences has settings that enforce colors for info fields.

Try double-clicking the name of the “Note” property



You can also right-click it and select “Edit Value...”

Multi-line values are possible. The edit sheet makes them easier.

LXBeams File Edit Format Setup View Window Help

Untitled 2 — Edited

set Views x:
y:

Instrument Schedule Positions Side

2nd Electric R64 R64 10 R26 4 5 3 2 1 9 L201 6 5 8 10 0 2 4 6 8 10

1st Electric R64 R64 9 10 8 6 4 2 0 2 4 6 8 10

Key Color #

36° Source Four

26° Source Four

Light Plot

My Really Big Show

Venue:
Performing Arts Center
Designer:
C. Heintz

10/21/18

Property Value

Position

Light

- Position 2nd Electric
- # 4
- Color
- Channel 4
- Dimmer
- Template
- Use
- Group

More

- Frost
- Circuit
- Mark
- Note Upstage of platform Shutter off scrim

Focus

- Focus X -1'-6"
- Focus Y 7'-0"
- Focus Height 0'-0"

Device

3D

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

Property	Value
Position	
Light	<ul style="list-style-type: none">Position 2nd Electric# 4ColorChannel 4DimmerTemplateUseGroup
More	<ul style="list-style-type: none">FrostCircuitMarkNote Upstage of platform Shutter off scrim
Focus	<ul style="list-style-type: none">Focus X -1'-6"Focus Y 7'-0"Focus Height 0'-0"
Device	
3D	<ul style="list-style-type: none">RenderingX offset 0'-0"Y offset 0'-0"Z offset -1'-6"

The alternative is using option+return when editing in the table.

Select the center light and enter "Swirl" for its template property.

LXBeams File Edit Format Setup View Window Help

Untitled 2 — Edited

Instrument Schedule

Positions

Side

Key

Color #

36° Source Four

26° Source Four

2nd Electric

R64 R64

10 7

1st Electric

R64 R64

6 5

L201

9

2 1

Light Plot

My Really Big Show

Venue:
Performing Arts Center

Designer:
C. Heintz

10/21/18

Instrument Schedule

Positions

Side

Key

Color #

36° Source Four

26° Source Four

2nd Electric

3

Color R26

Channel 10

Dimmer

Template Swirl

Use

Group

Frost

Circuit

Mark

Note

Focus X 0'-0"

Focus Y 7'-0"

Focus Height 0'-0"

Device

3D

Rendering

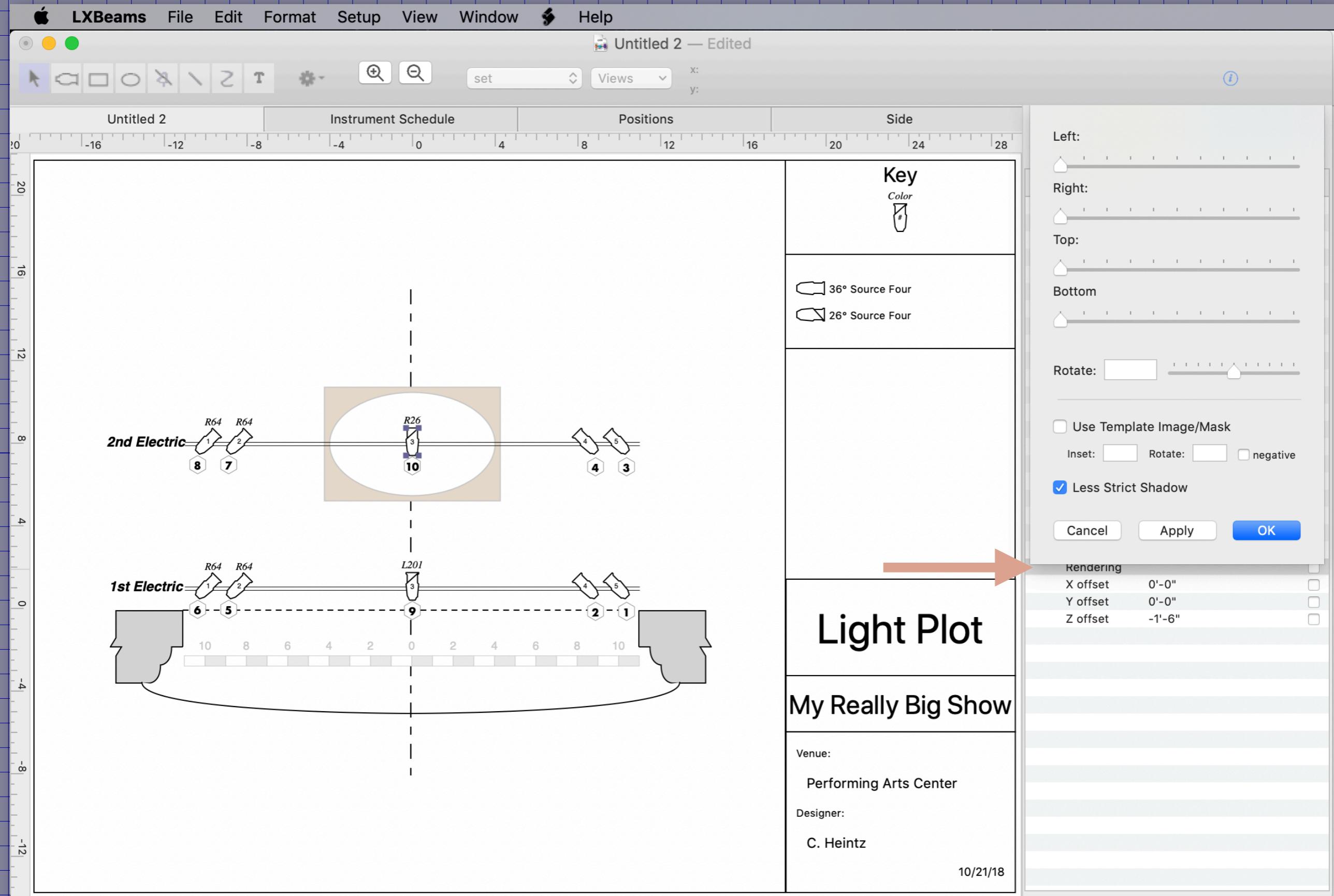
X offset 0'-0"

Y offset 0'-0"

Z offset -1'-6"

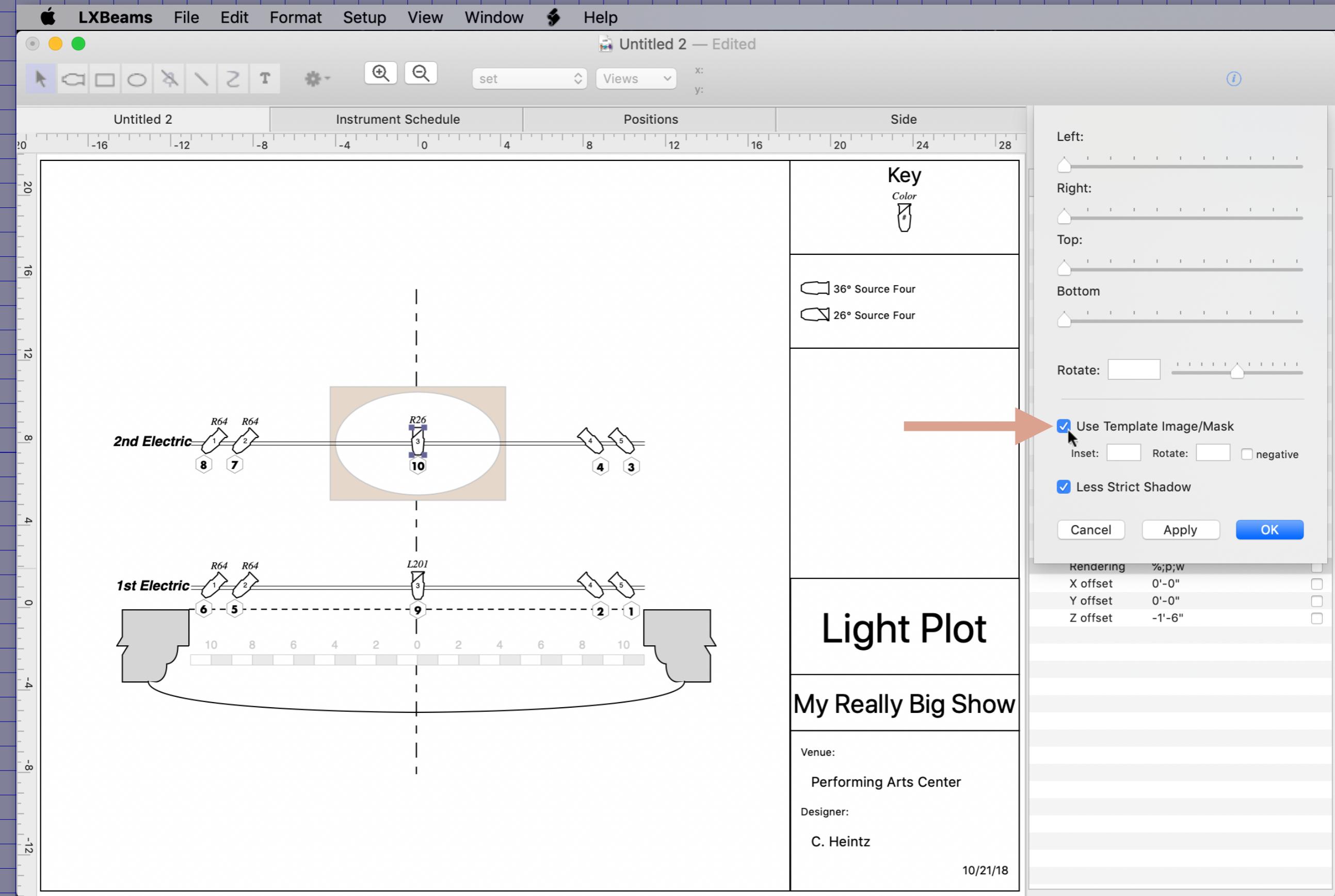
Note: The following use of the template field is case sensitive.

Double-click the property name "Rendering".



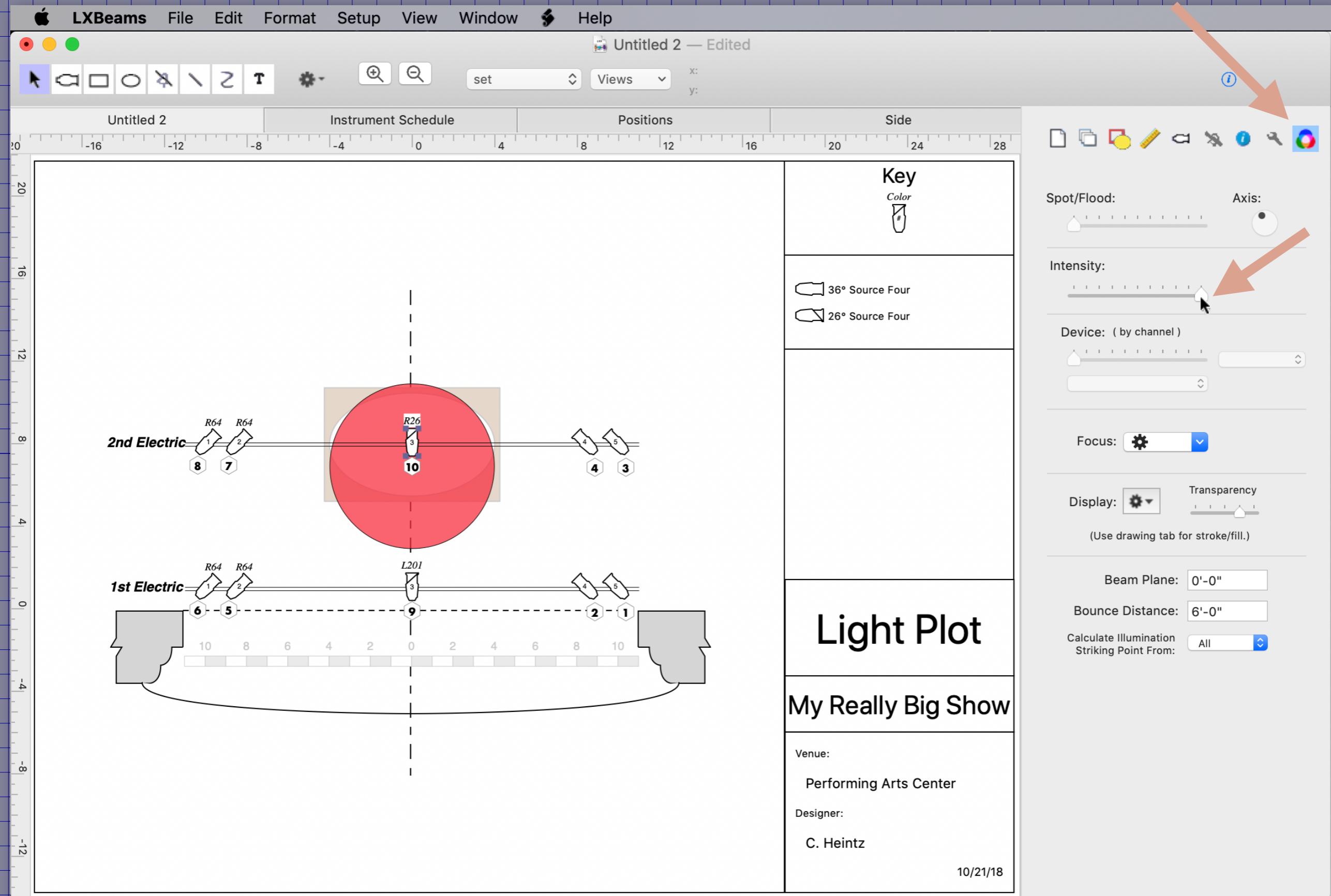
"Rendering" is in the 3D category and controls how the light is modeled.

Check the Use Template box and click OK.



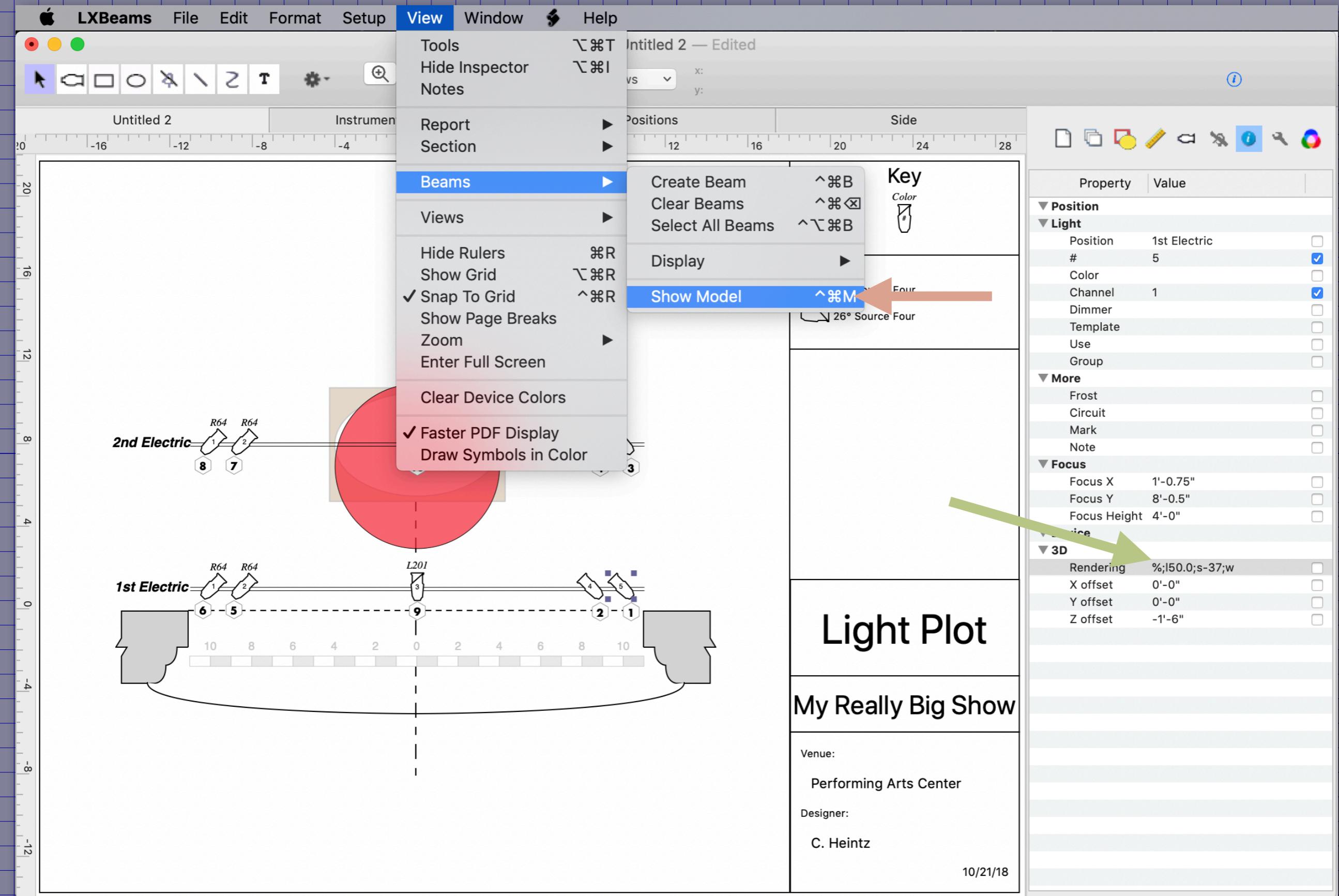
Mask simulates the oval shape of a PAR beam.

Select the Beams tab and use the Intensity slider.



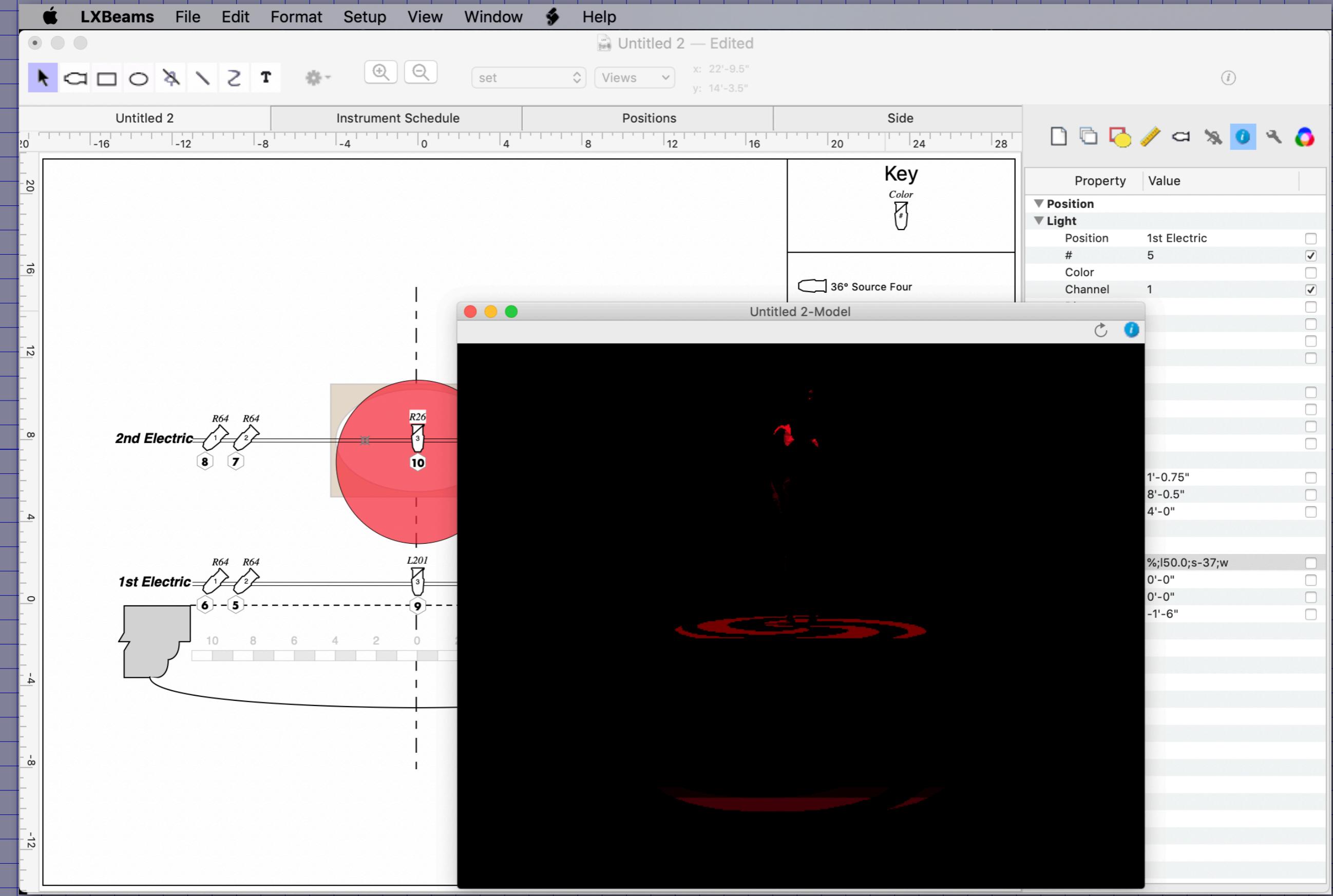
Bring the level to 100%.

Choose View→Beams→Show Model.

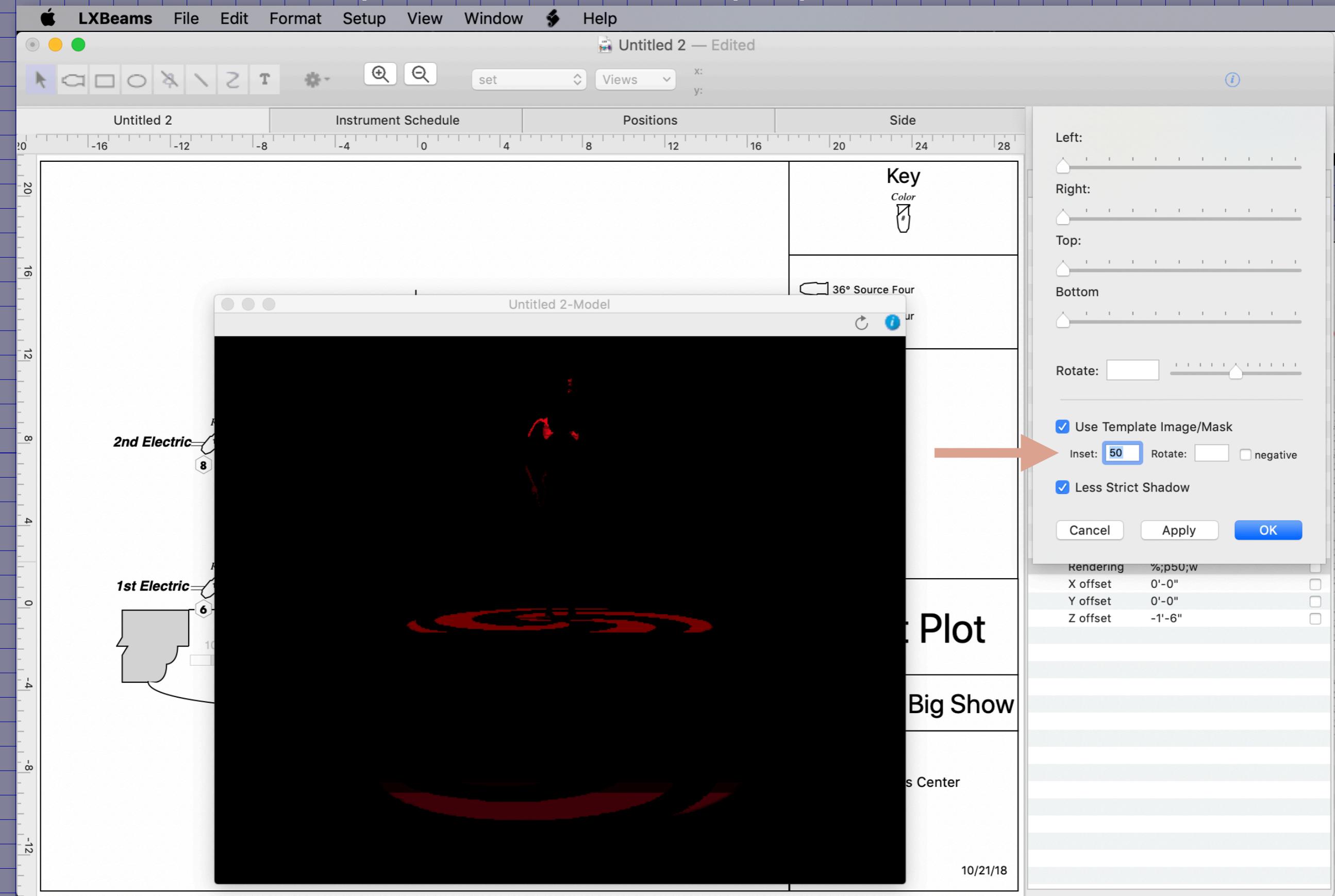


The rendering property is cryptic but represents the setting from the sheet.

The light is now rendered with the template image.

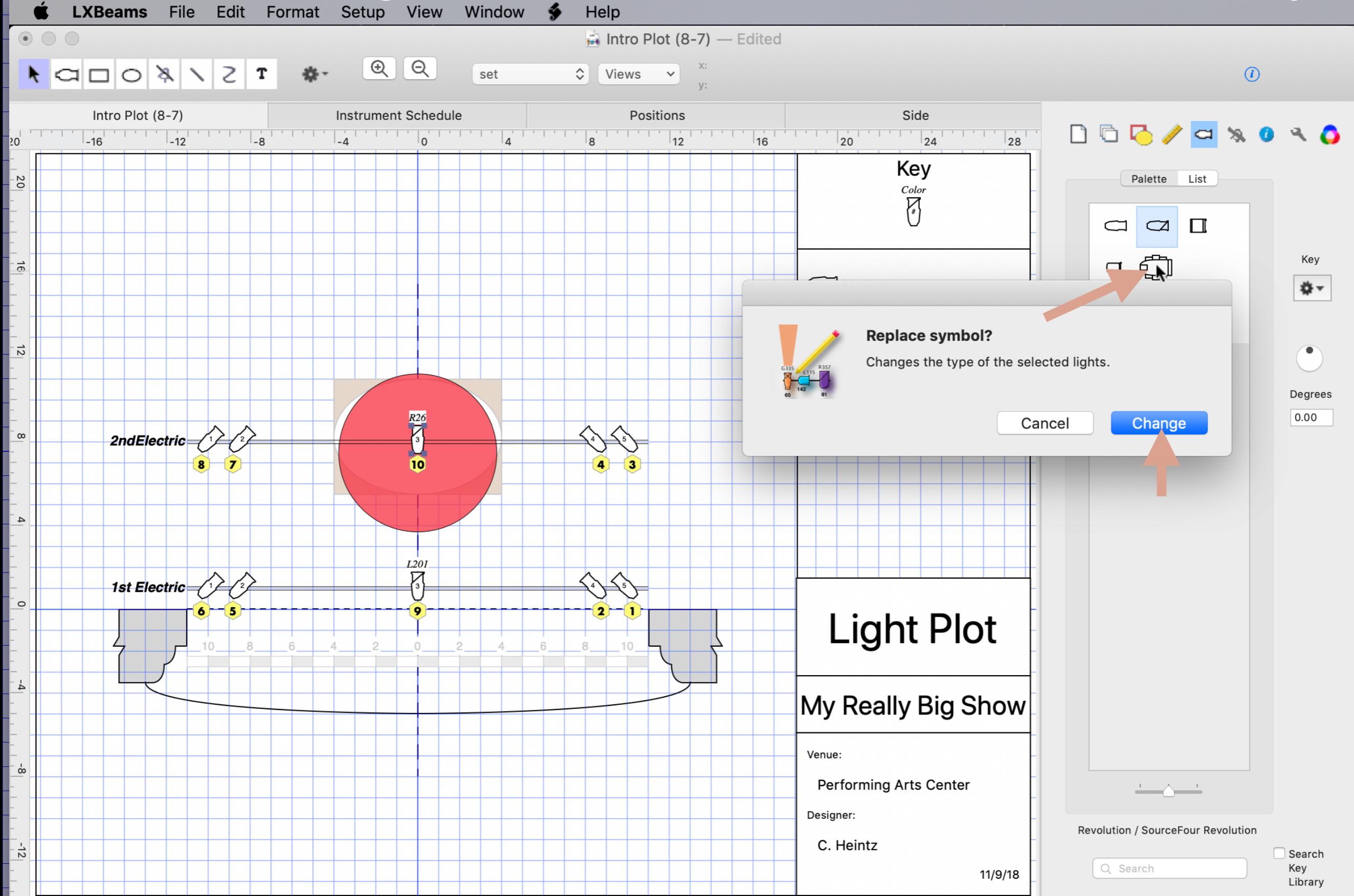


Open the Rendering property sheet.



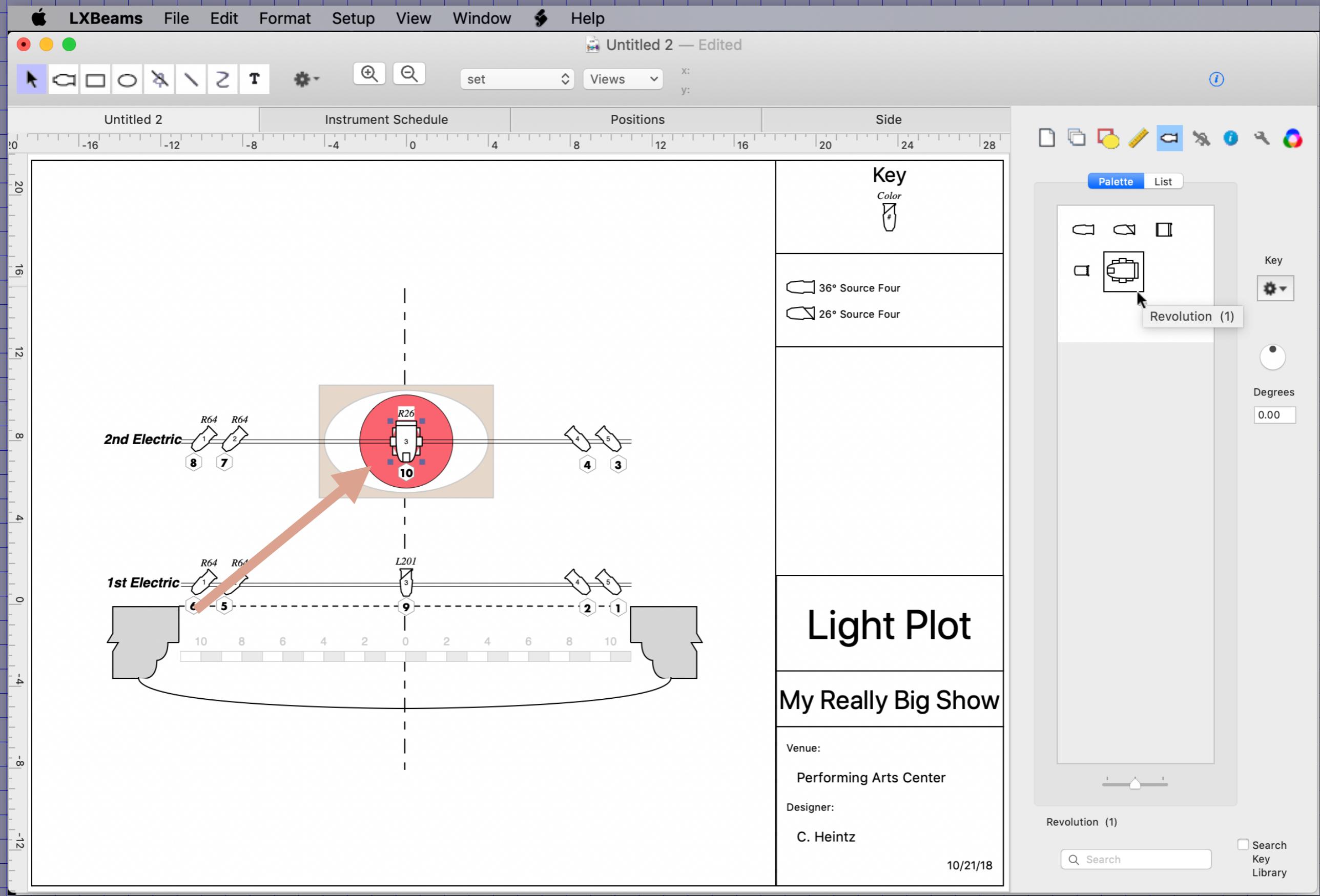
Enter 50 in the Inset Field.

With the center light still selected, choose the mover from the key.



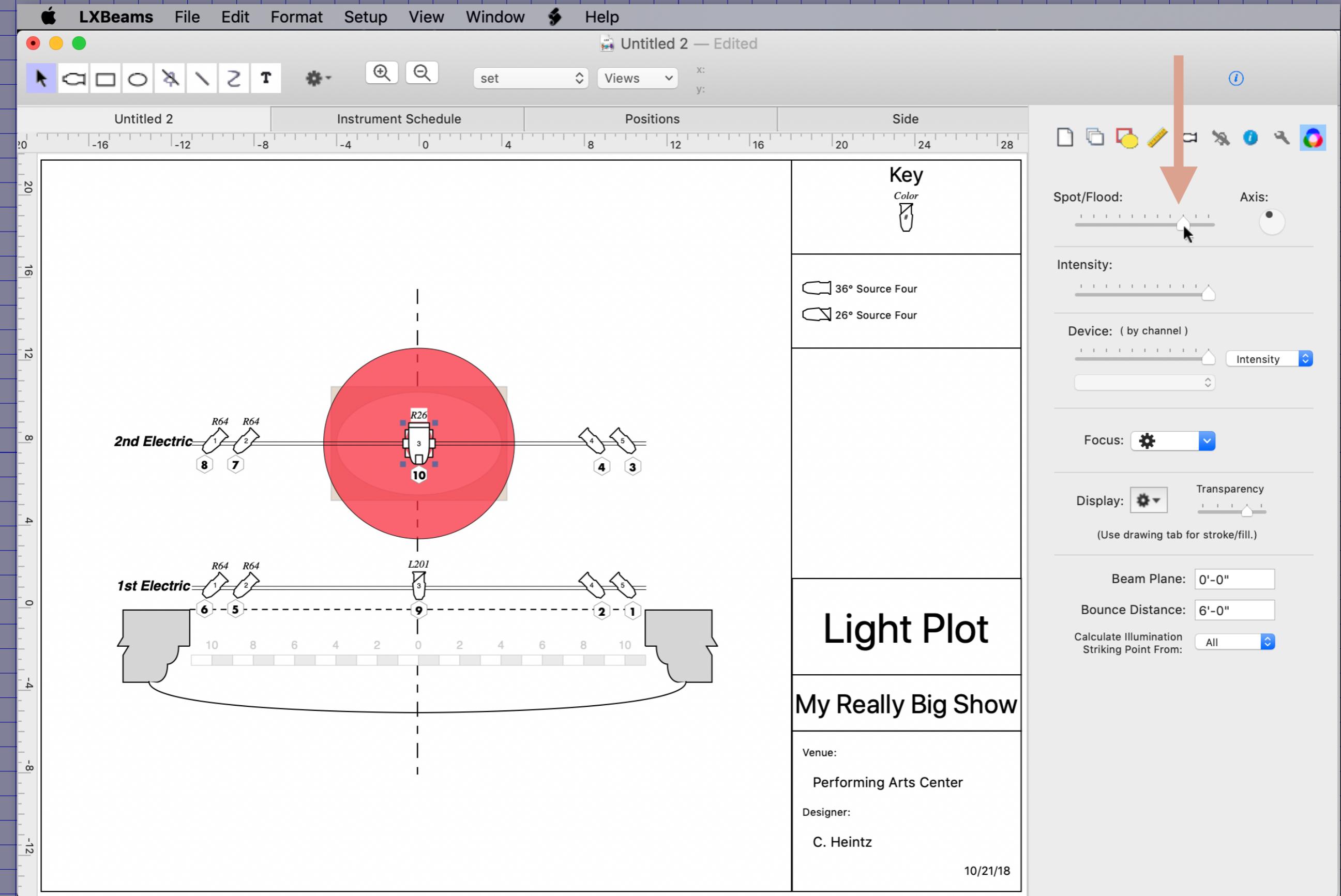
Click "Change" to replace the type of light (not its other properties).

You will notice the beam change size along with the symbol.

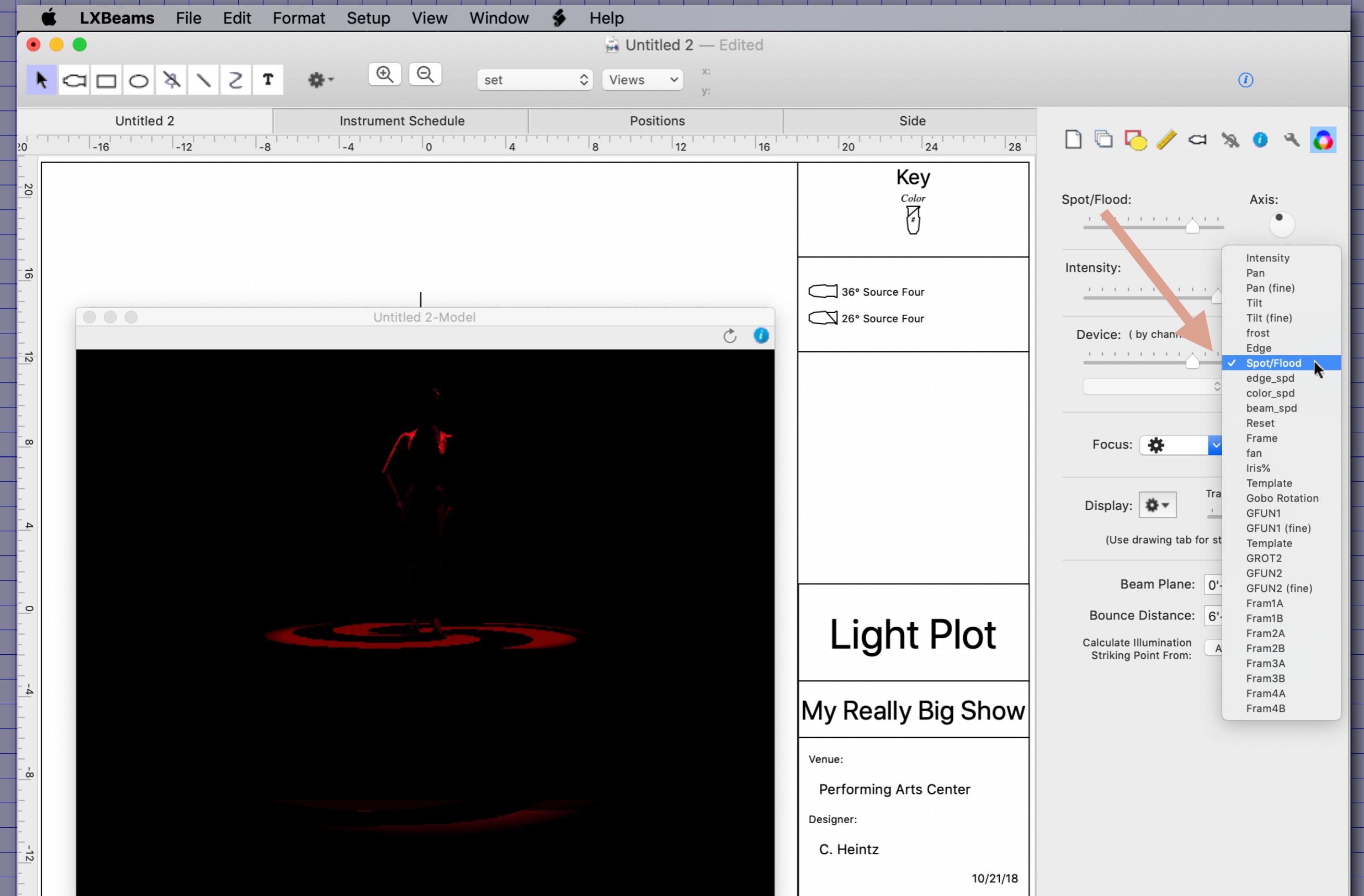


The beam size is a property of the type, not the individual light.

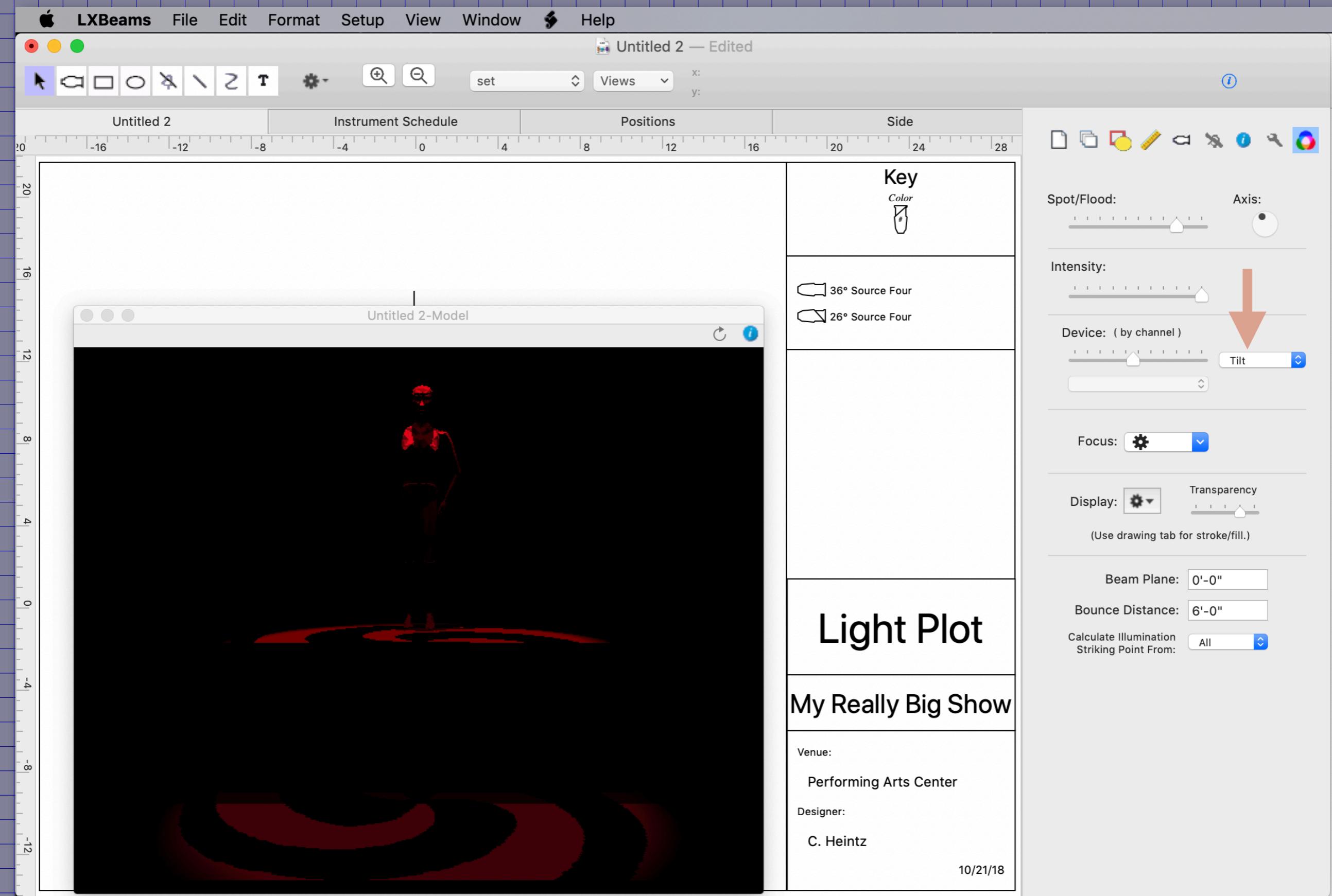
In the Beams tab, increase the Spot/Flood slider.



Because it is controllable, Spot/Flood can also be assigned to the Device slider.



Try changing the tilt of the light.



End up with it just slightly downstage.

Double-click the name of the Device/Parameters property.

LXBeams File Edit Format Setup View Window Help

Untitled 2 — Edited

Instrument Schedule Positions

2ndElectric 1st Electric R26 L201

Light Plot My Really Big Show

Venue: Performing Arts Center
Designer: C. Heintz
11/9/18

Parameter Value

setup pan	0
setup tilt x	0
setup tilt y	0
iris wide	23.8
iris tight	100

Cancel OK

Circuit
Mark
Note

▼ Focus

- Focus X 0'-0"
- Focus Y 3'-3.25"
- Focus Height 0'-8.5"
- Spot/Flood 34.3
- Cd@Spot/F... 78410

▼ Device

- Channels
- Parameters ipan=0;itilt_x=0;itilt_y=0;...
- Pan
- Tilt -17.169550
- Iris%

▼ 3D

- Rendering %;p50;w
- X offset 0'-0"
- Y offset 0'-0"
- Z offset -2'-6"

+/US +/up +/SL

Pan,rotating about Z axis
0° is pointing Upstage,
180° is pointing Downstage

Tilt Y, rotating about Y axis
0° is pointing Down,
180° is pointing Up

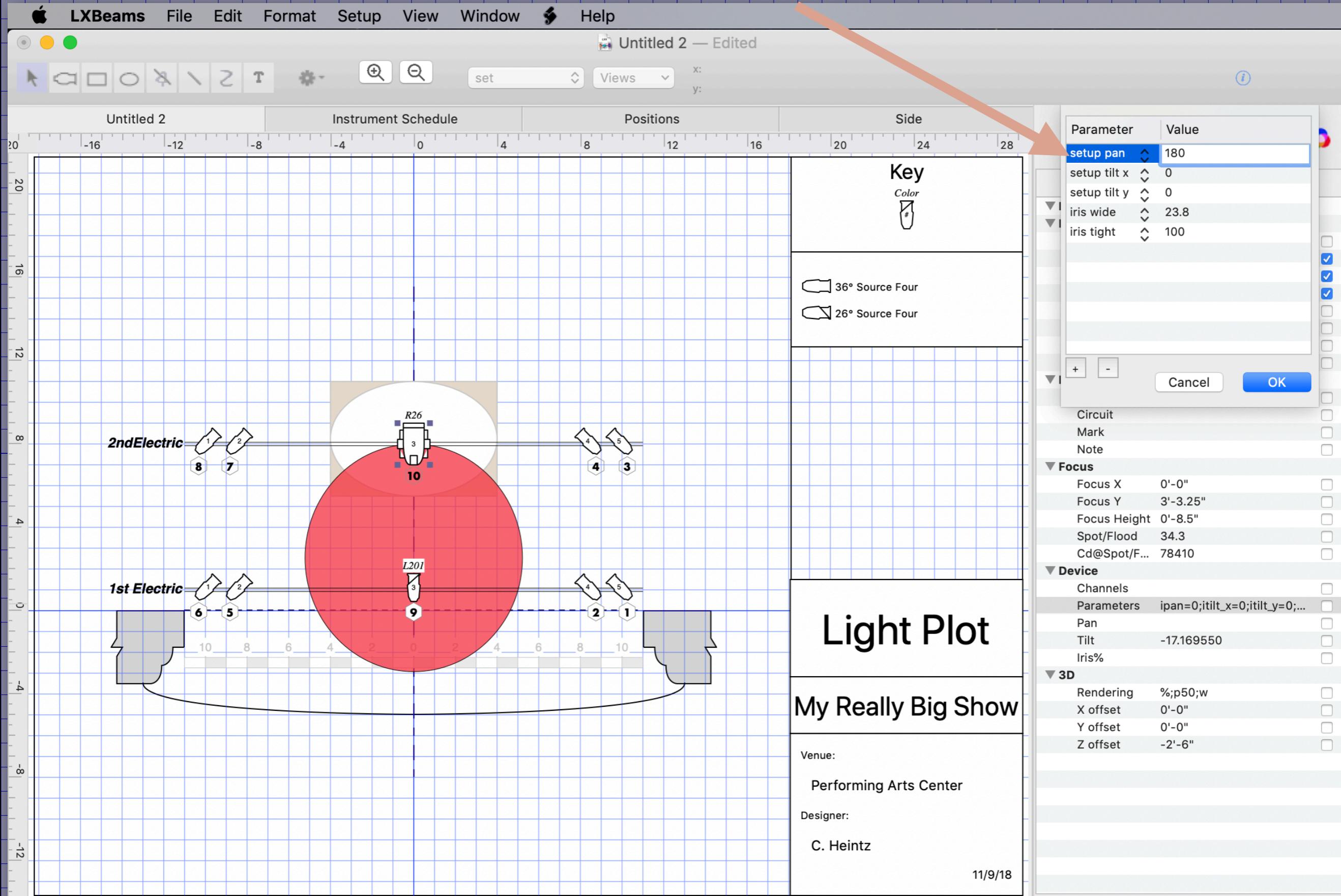
Tilt X, rotating about X axis
0° is pointing Down,
180° is pointing UP

Y Z X

The screenshot shows the LXBeams software interface. On the left, a stage plot displays a red circular fixture labeled 'R26' and 'L201' with various numbered points (1-10) indicating its position and orientation. The plot has axes from -16 to 20 on both the x and y axes. A central dialog box provides a 3D view of the fixture with three axes (X, Y, Z) and their respective rotation ranges. To the right is a 'Light Plot' window containing text about the venue and designer. The main menu bar includes Apple, LXBeams, File, Edit, Format, Setup, View, Window, Help. The top toolbar includes icons for selection, zoom, and views. A parameter editor on the right lists setup values like pan, tilt, and iris widths, along with focus and device parameters, some with checkboxes. A large orange arrow points from the bottom text to the 'Device' section of the parameter editor.

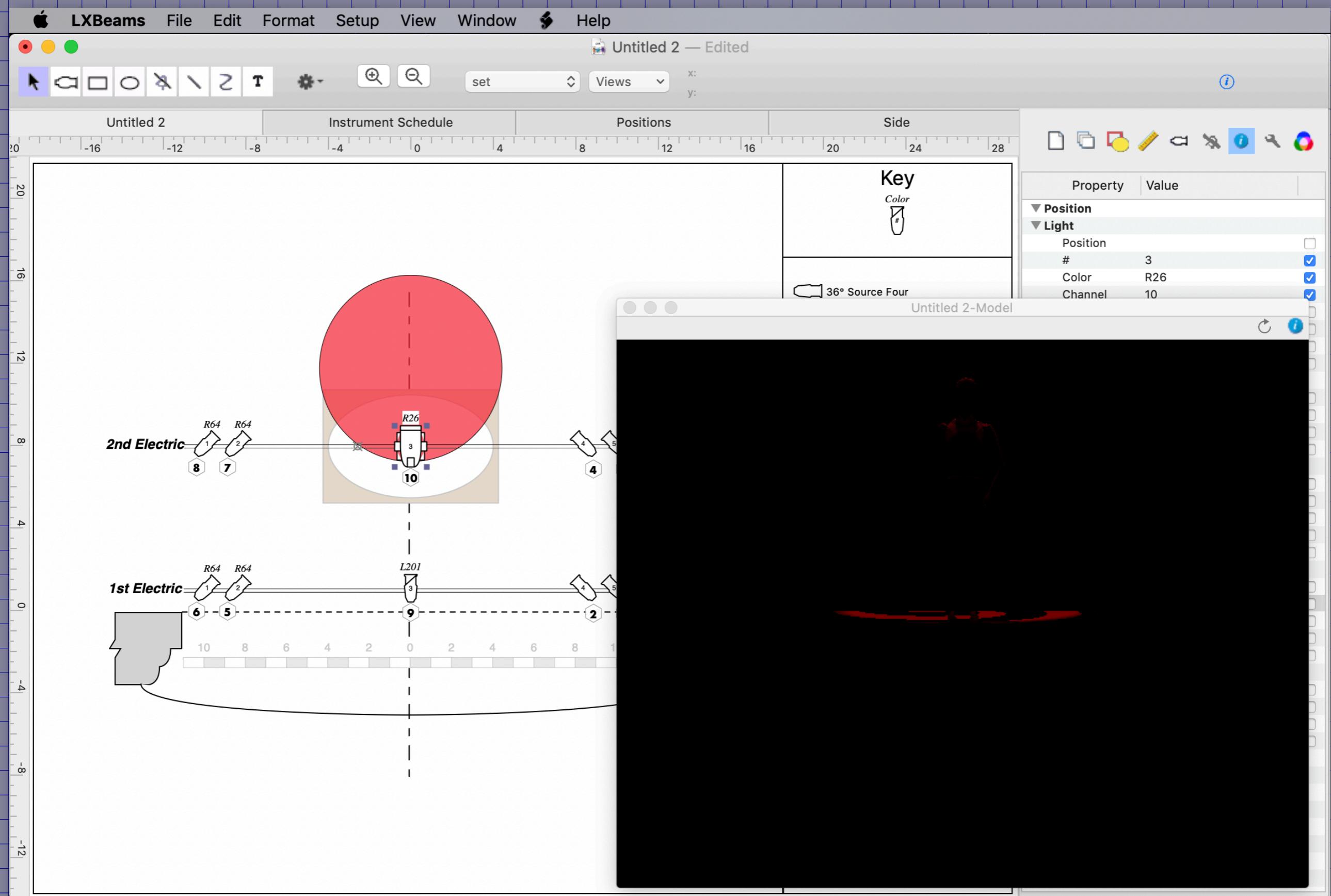
These are settings for the orientation of the fixture in space (and the iris).

Enter 180 for the setup pan setting.



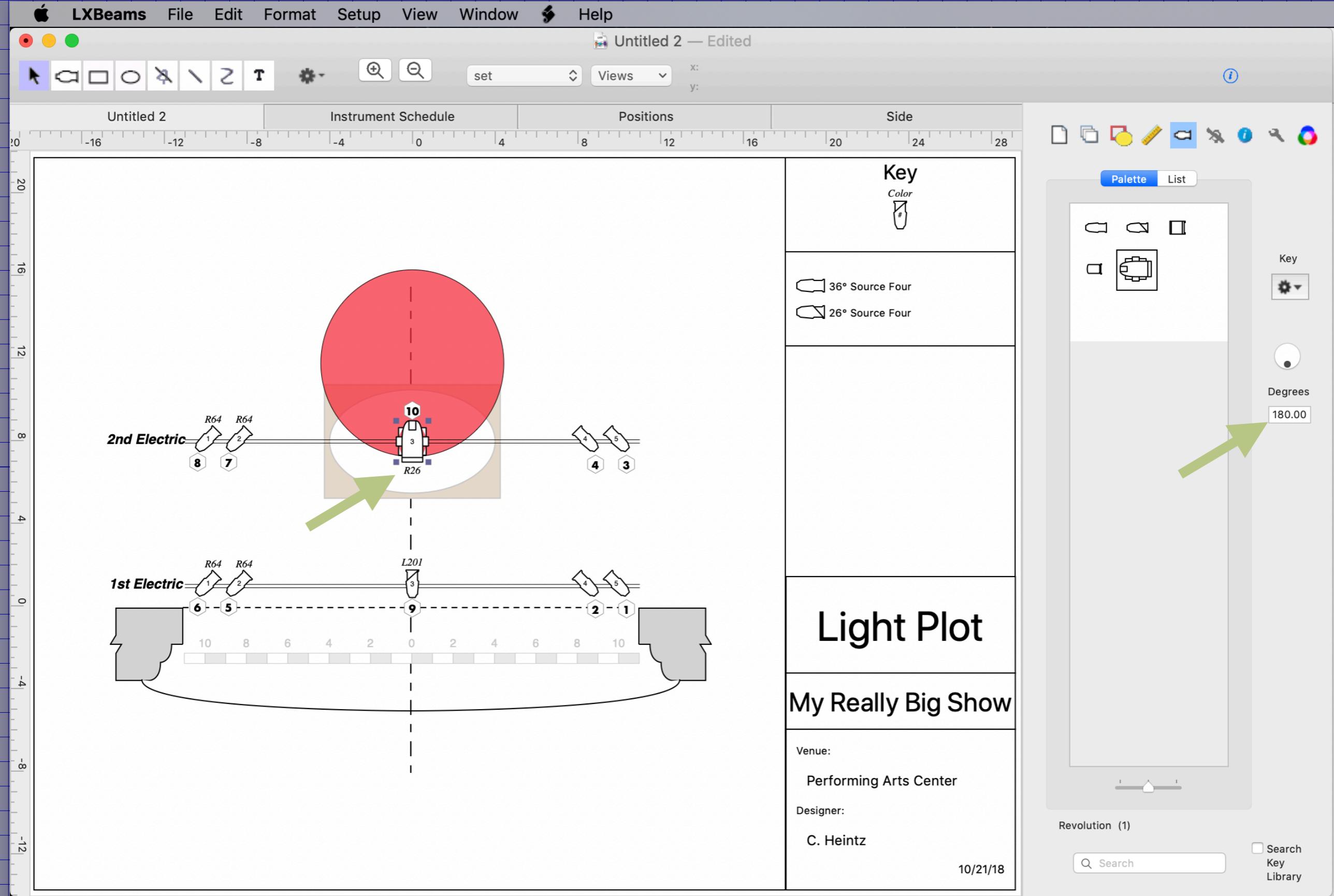
Then, click OK.

This is like hanging the light facing the other way.



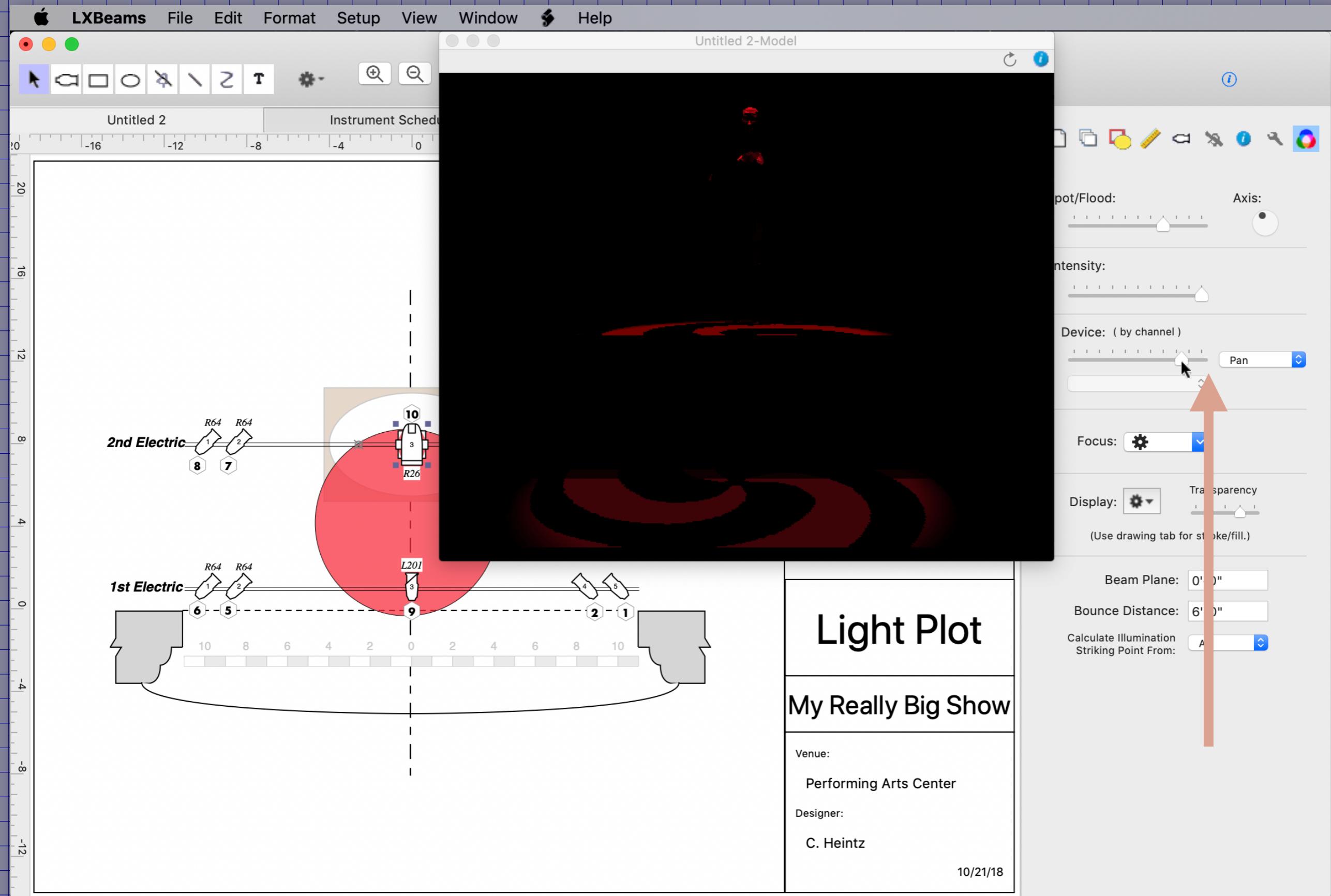
Because the light is facing a different direction, the pan/tilt results in a different location.

Except how the light is shown on the plot does not change the rendering...



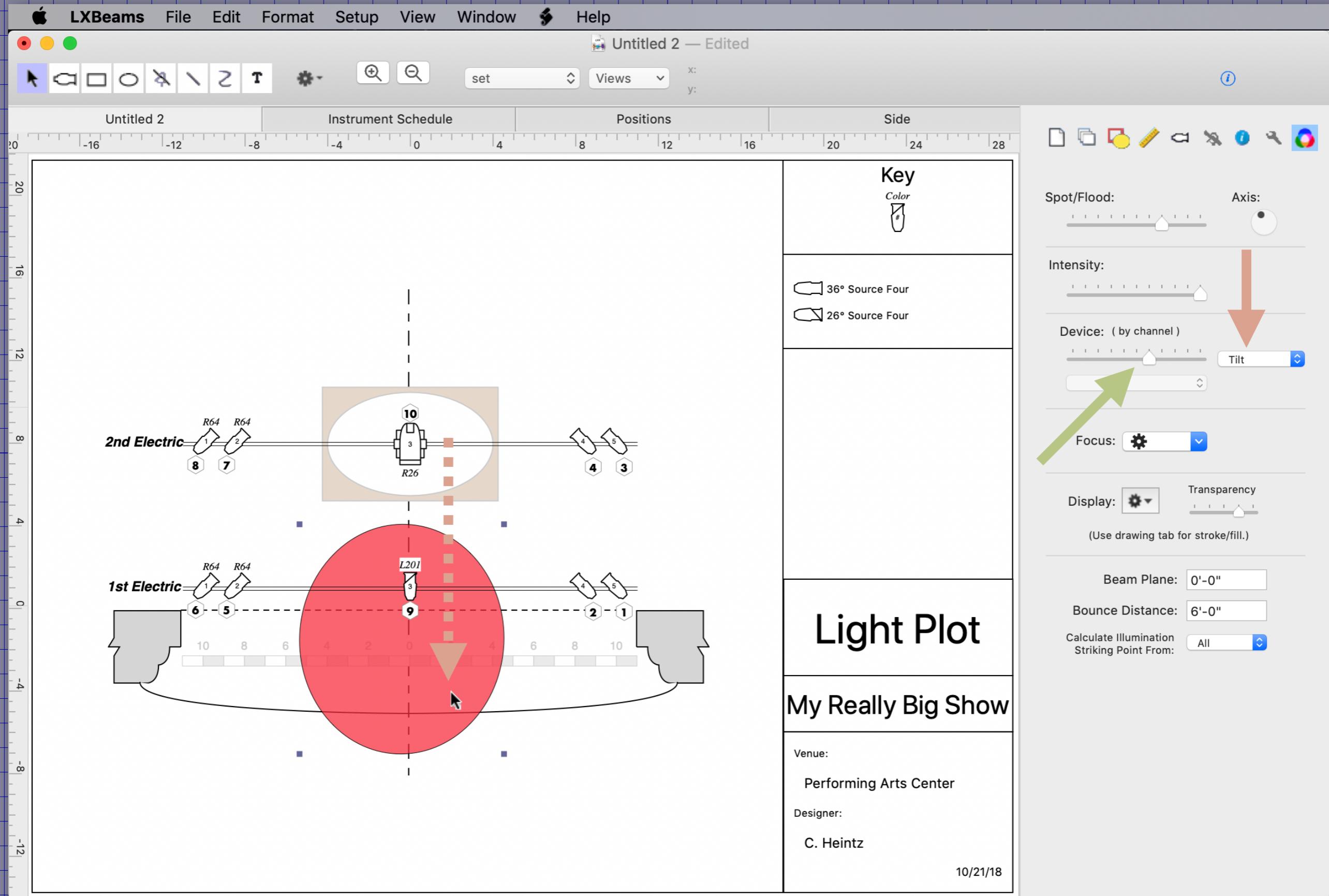
The orientation of the symbol is independent of the beam.
Here it is shown facing the same way the "setup pan" specifies.

You can swing the focus around using the device slider.



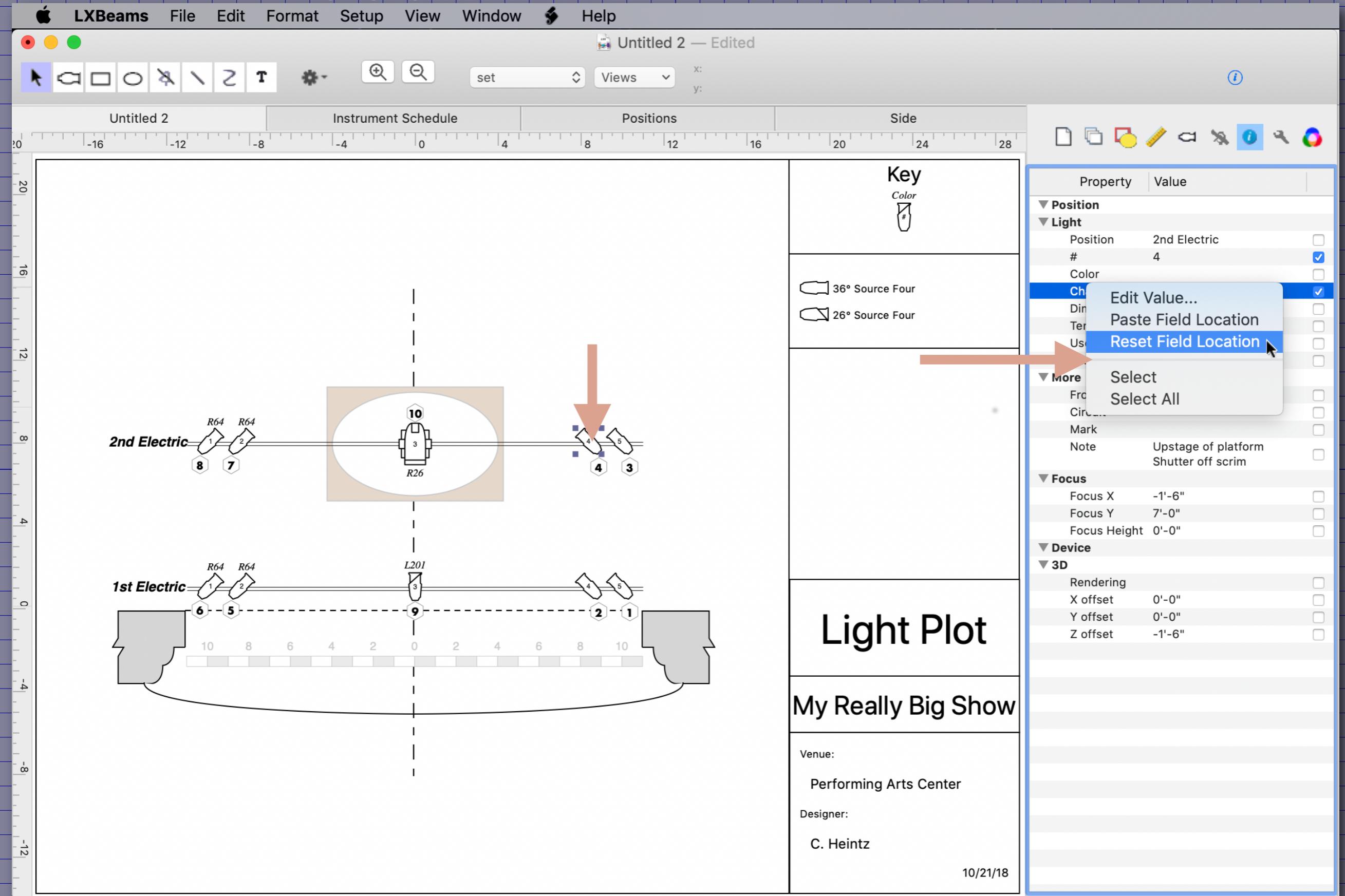
Select "Pan" from the popup and then move the slider.

Select “Tilt” and then drag the beam.



You can see that moving the beam also moves the tilt value shown by the slider.

The Info Table popup menu also has commands for placing the info field.



In addition to pasting just the single location, you can reset the location of the associated field to its default placement.

In this section we've looked at

The Inspector's Info table.

- Expanded editing of values using double-click of the property name.
- Control-clicking the property name to get the popup menu of commands.

Expanded editing of values is particularly useful for:

- Multi-line fields such as notes
- Rendering settings
- Device settings

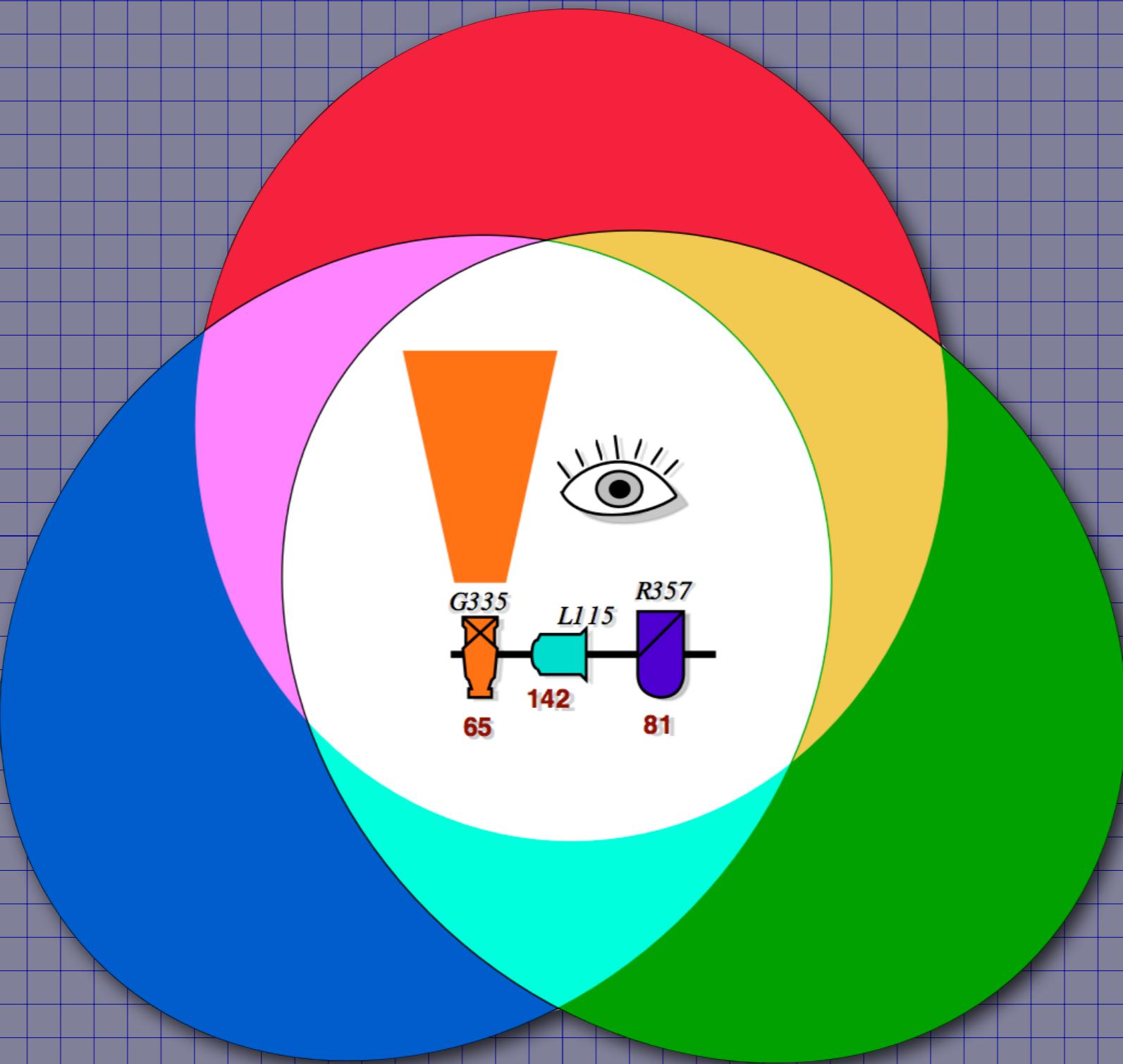
The Inspector's Info table has a popup menu of commands

- Another way of accessing expanded editing.
- A way of pasting the location of a single field or resetting it to the default location.
- A way of selecting a field or all of the fields representing the same property.

Try It Yourself

- In the studio file (from exercise 1),
- Try adding a multi-line note to one of the lights

<https://www.claudeheintzdesign.com/lx>



claudeheintzdesign@gmail.com

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