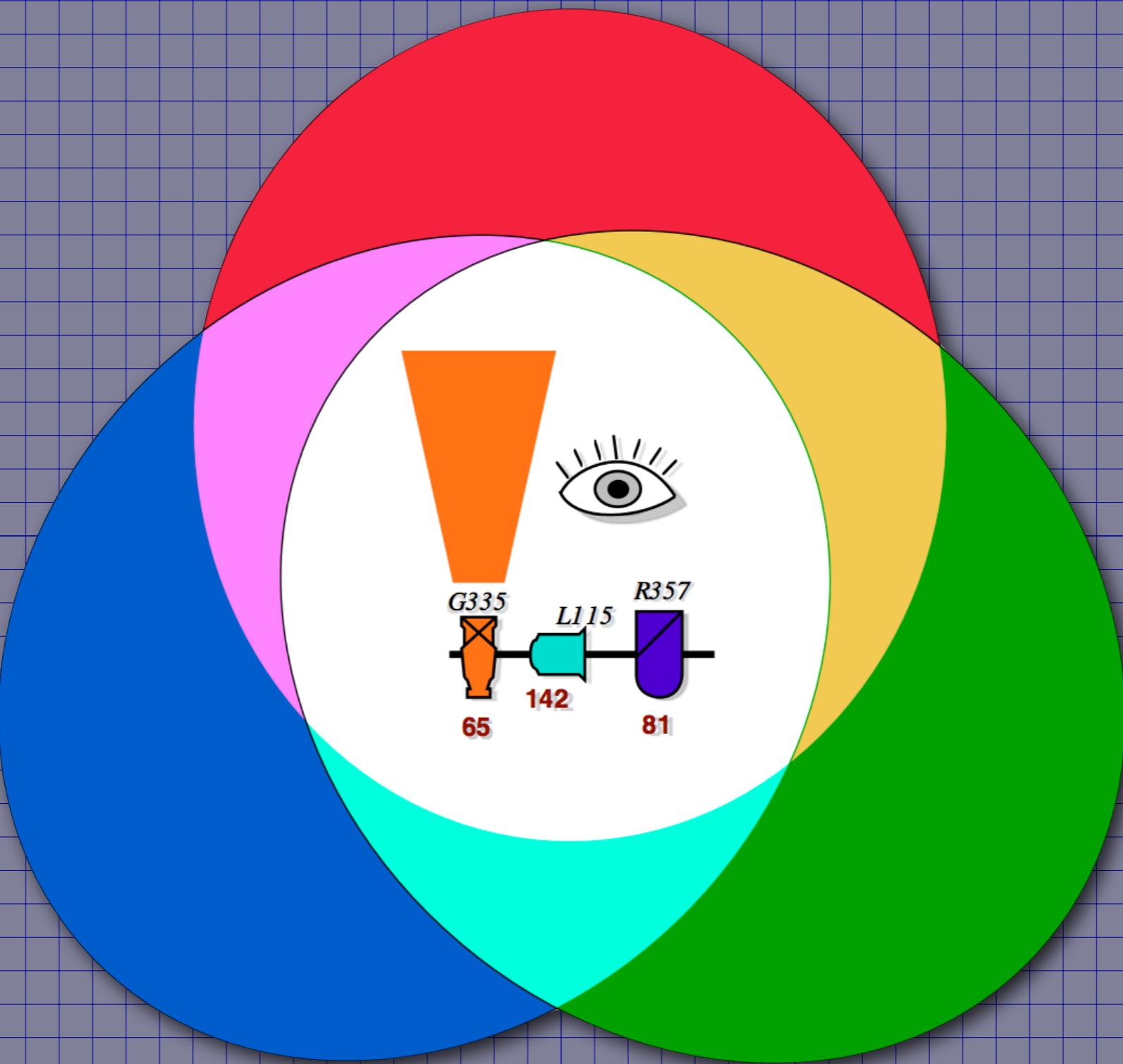


Customizing



IATSE 728 Workshop 2020

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Continuing with the example, Choose View→Report→Create Report.

LXBeams File Edit Format Setup View Window Help

Intro Plot 22 — Edited

Intro Plot 22 Instrument Schedule

Report Create Report... ⌘⌘P

Section Remove Report...

Beams

Views

Hide 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 List

Key

Color #

Source Four

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

Property Value

Position

Light

- Position 2ndElectric
- # 8
- Color
- Channel 4
- Dimmer 39
- Template
- Use
- Group Scrollers

More

- Frost
- Circuit 39
- Mark
- Note Upstage of platform Shutter off scrim

Focus

- Focus X 0'-0"
- Focus Y 0'-0"
- Focus Height 0'-0"

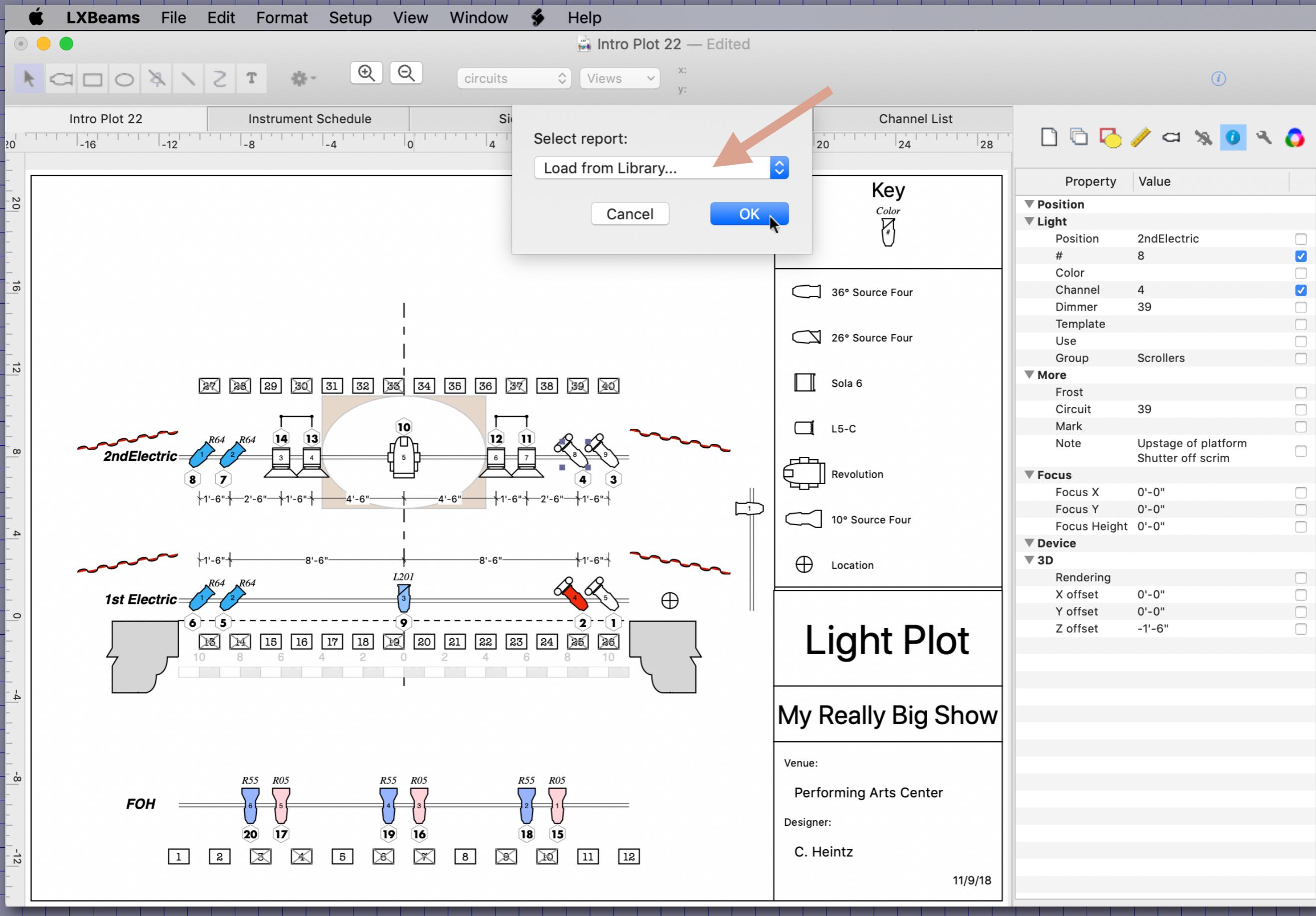
Device

3D

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

The screenshot shows the LXBeams software interface. The main window displays a stage plot with various lighting fixtures and equipment. A context menu is open over the stage plot, with the 'Create Report...' option highlighted. To the right of the stage plot, there is a 'Channel List' panel containing a key for symbols and a 'Light Plot' section with show details. The top menu bar shows 'View' is selected. The overall interface is designed for managing and creating reports for stage lighting plots.

Select Load from Library... and click OK.



Select Color Count and click OK.

LXBeams File Edit Format Setup View Window Help

Intro Plot 22 — Edited

circuits Views

Intro Plot 22 Instrument Schedule

Channel List

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

Property Value

Position

Light

Position 2ndElectric
8
Color
Channel 4
Dimmer 39
Template
Use
Group Scrollers

More

Frost
Circuit 39
Mark
Note Upstage of platform Shutter off scrim

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 report:

- ✓ ASCII Patch
- Channel Export
- Channel List
- Channel Summary
- Circuit List
- Color Count** (highlighted with a blue border and a red arrow pointing to it)
- 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...

The color count shows the size and number for each color.

The screenshot displays the LXBeams software interface. At the top, a menu bar includes File, Edit, Format, Setup, View, Window, Help, and a gear icon. The main window title is "Intro Plot 22 — Edited". Below the title are various icons for selection and search, followed by dropdown menus for "circuits" and "Views". A coordinate system (x: and y:) is shown at the top right. The main workspace contains tabs for "Intro Plot 22", "Instrument Schedule", "Side", "Front", "Channel List", and "Color Count". The "Color Count" tab is active, showing a table with columns: Qty, Color/Frame, Sheets, and Full Color Name. The data in the table is:

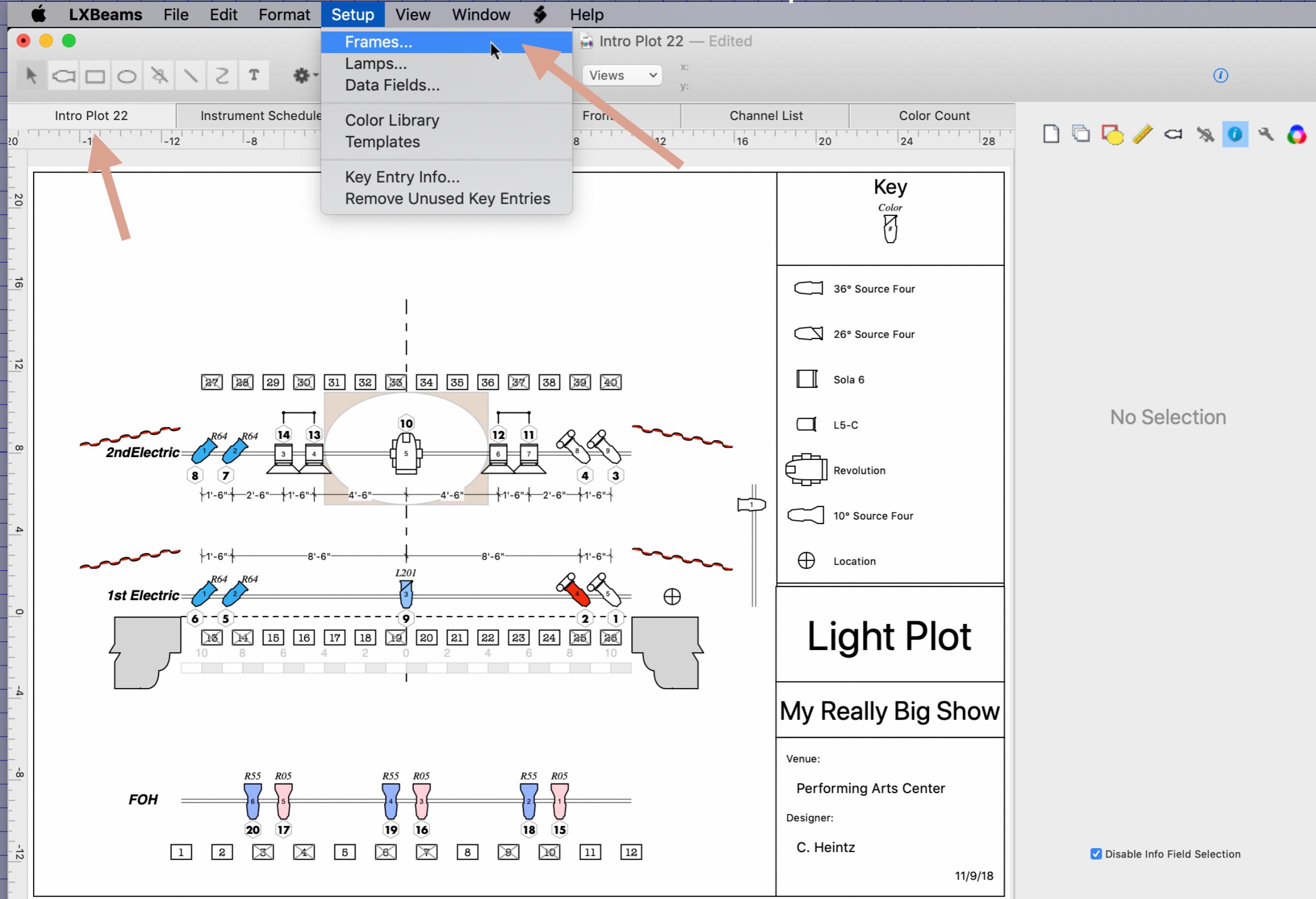
Qty	Color/Frame	Sheets	Full Color Name
1	L201 / 6.25"	1	Full CT Blue 3200-5700K
3	R05 / 12"		Rose Tint
3	R55 / 12"		Lilac
4	R64 / 6.25"	1	Light Steel Blue

Two green arrows point upwards from the bottom of the table towards the "Color/Frame" column header. To the right of the table is a sidebar titled "Property | Value" containing the following settings:

- Position**:
 - Position: 2ndElectric
 - # (checkbox checked)
- Light**:
 - # (checkbox checked)
 - Color
 - Channel: 4 (checkbox checked)
 - Dimmer: 39
 - Template
 - Use
 - Group: Scrollers
- More**:
 - Frost
 - Circuit: 39
 - Mark
 - Note: Upstage of platform Shutter off scrim
- 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"

It also shows how many sheets you need, if the frame size is recognized.

In the main tab, choose Setup→Frames...



The Library tab shows standard frames and the number of cuts per sheet.

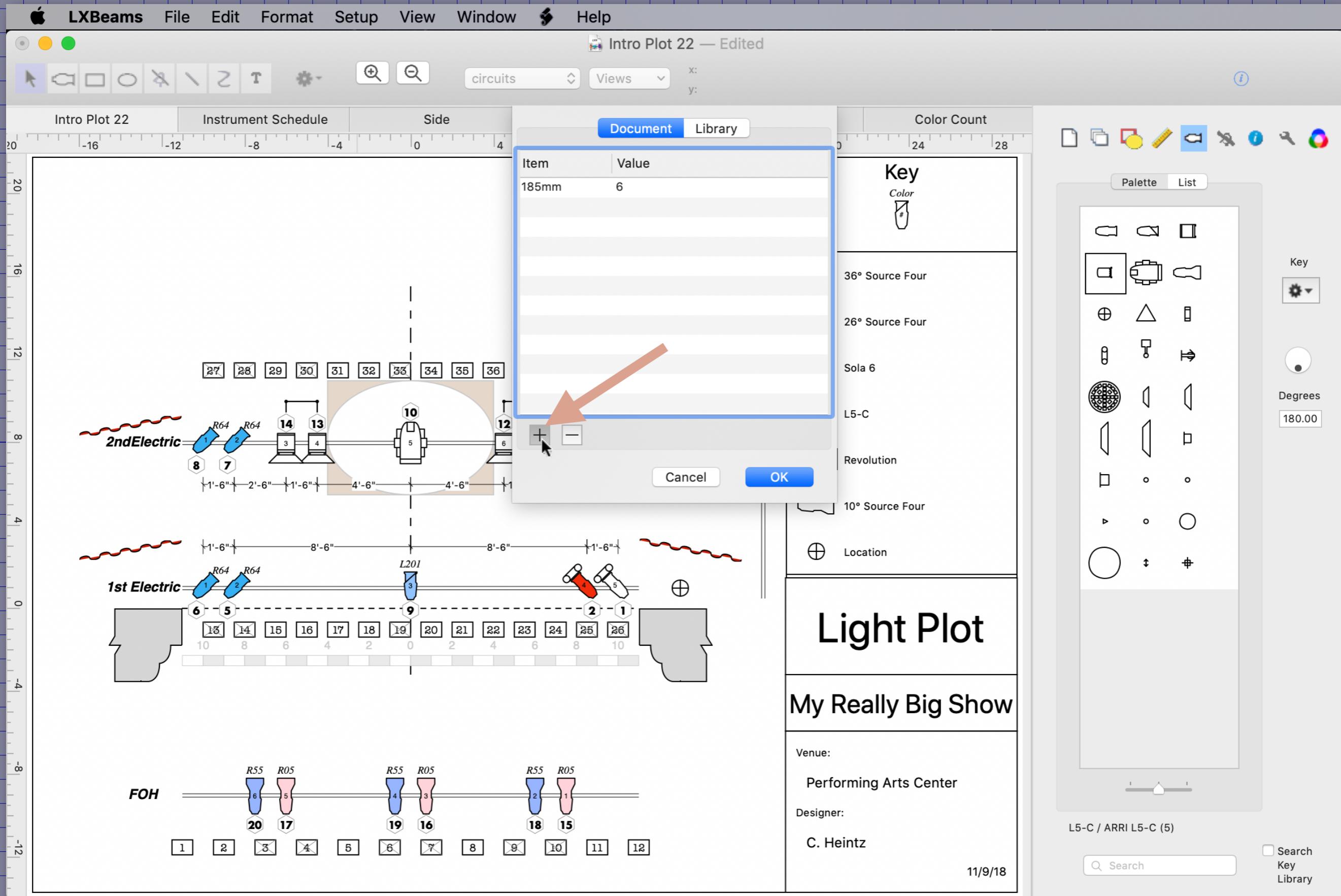
The screenshot shows the LXBeams software interface. The main window displays a 'Light Plot' titled 'Intro Plot 22 — Edited'. The plot area includes sections labeled '2nd Electric', '1st Electric', and 'FOH', with various lighting fixtures numbered (e.g., 1 through 36) and their positions marked. A red arrow points from the text above down to a 'Library' dialog box. This dialog box has two tabs: 'Document' (selected) and 'Library'. It contains a table:

Item	Value
6.25"	9
7.5"	6
10"	4

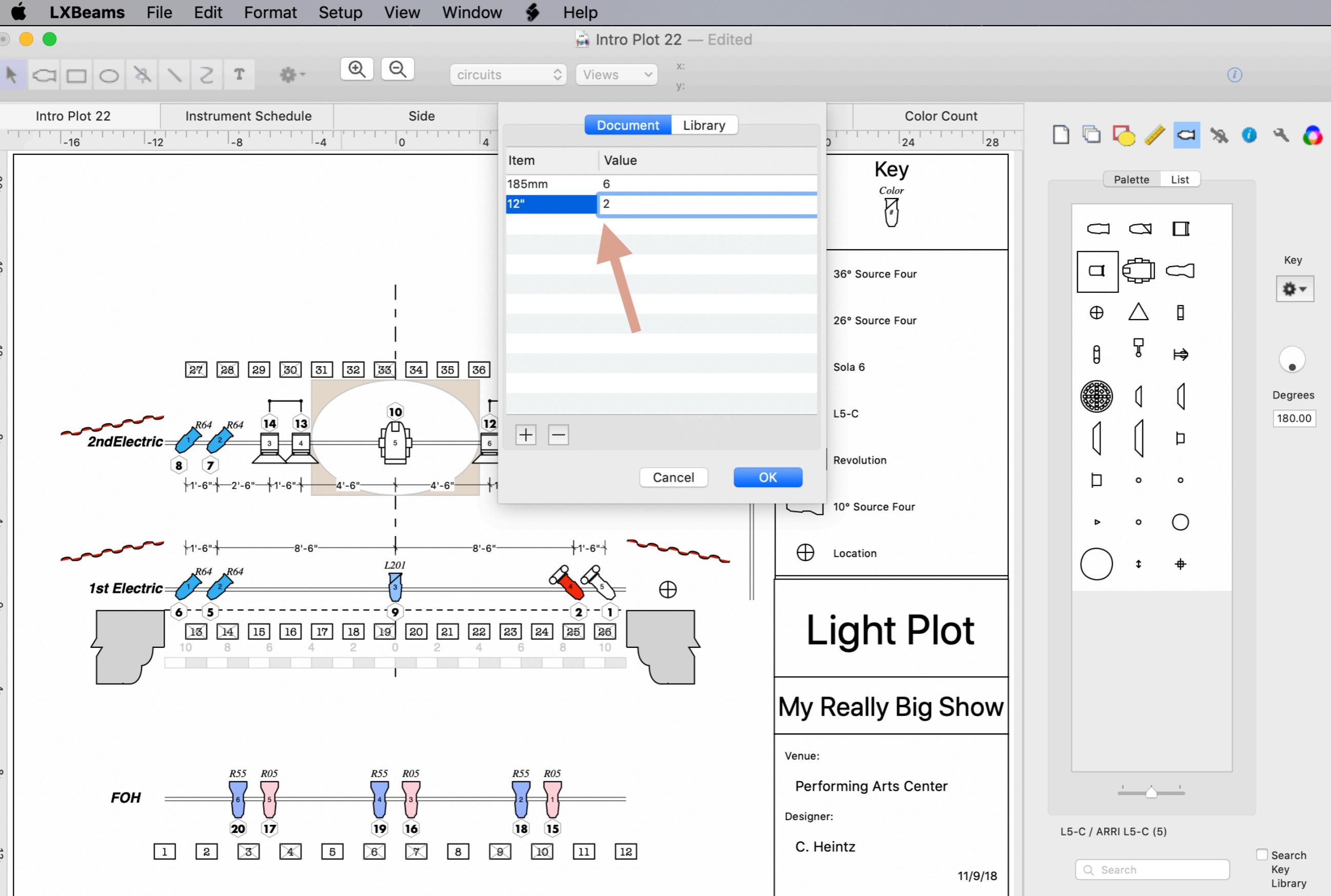
Below the table are 'Duplicate', 'Cancel', and 'OK' buttons. To the right of the plot is a 'Color Count' section with a 'Key' icon and a list of items: '36° Source Four', '26° Source Four', 'Sola 6', 'L5-C', 'Revolution', '10° Source Four', and 'Location'. On the far right, there's a 'Light Plot' panel with sections for 'My Really Big Show' (Venue: Performing Arts Center, Designer: C. Heintz), a date (11/9/18), and search fields for 'Search Key Library'. The bottom right corner of the main window also has a 'Search Key Library' checkbox.

The Document tab shows entries stored with this file.

In the Document tab, click + to add an entry to the table.



Fill in the value of 2 for the new 12" item.



Click OK.

The color count now shows sheets for the 12" framed cuts.

The screenshot displays the LXBeams software interface on a Mac OS X system. The window title is "Intro Plot 22 — Edited". The menu bar includes File, Edit, Format, Setup, View, Window, Help, and a gear icon. The toolbar contains various icons for selection, zoom, and measurement. The main area shows a table titled "Color Count" with columns for Qty, Color/Frame, Sheets, and Full Color Name. The table lists four items: L201 / 6.25" (1 sheet, Full CT Blue 3200-5700K), R05 / 12" (2 sheets, Rose Tint), R55 / 12" (2 sheets, Lilac), and R64 / 6.25" (1 sheet, Light Steel Blue). A green arrow points to the "Color/Frame" column header, and a red arrow points to the "Color Count" tab in the top navigation bar. To the right is a palette panel with "Palette" and "List" tabs, showing various lighting fixture icons. A search bar at the bottom right says "Search".

Qty	Color/Frame	Sheets	Full Color Name
1	L201 / 6.25"	1	Full CT Blue 3200-5700K
3	R05 / 12"	2	Rose Tint
3	R55 / 12"	2	Lilac
4	R64 / 6.25"	1	Light Steel Blue

Intro Plot 22 — Edited

circuits Views x:
y:

Color Count

Palette List

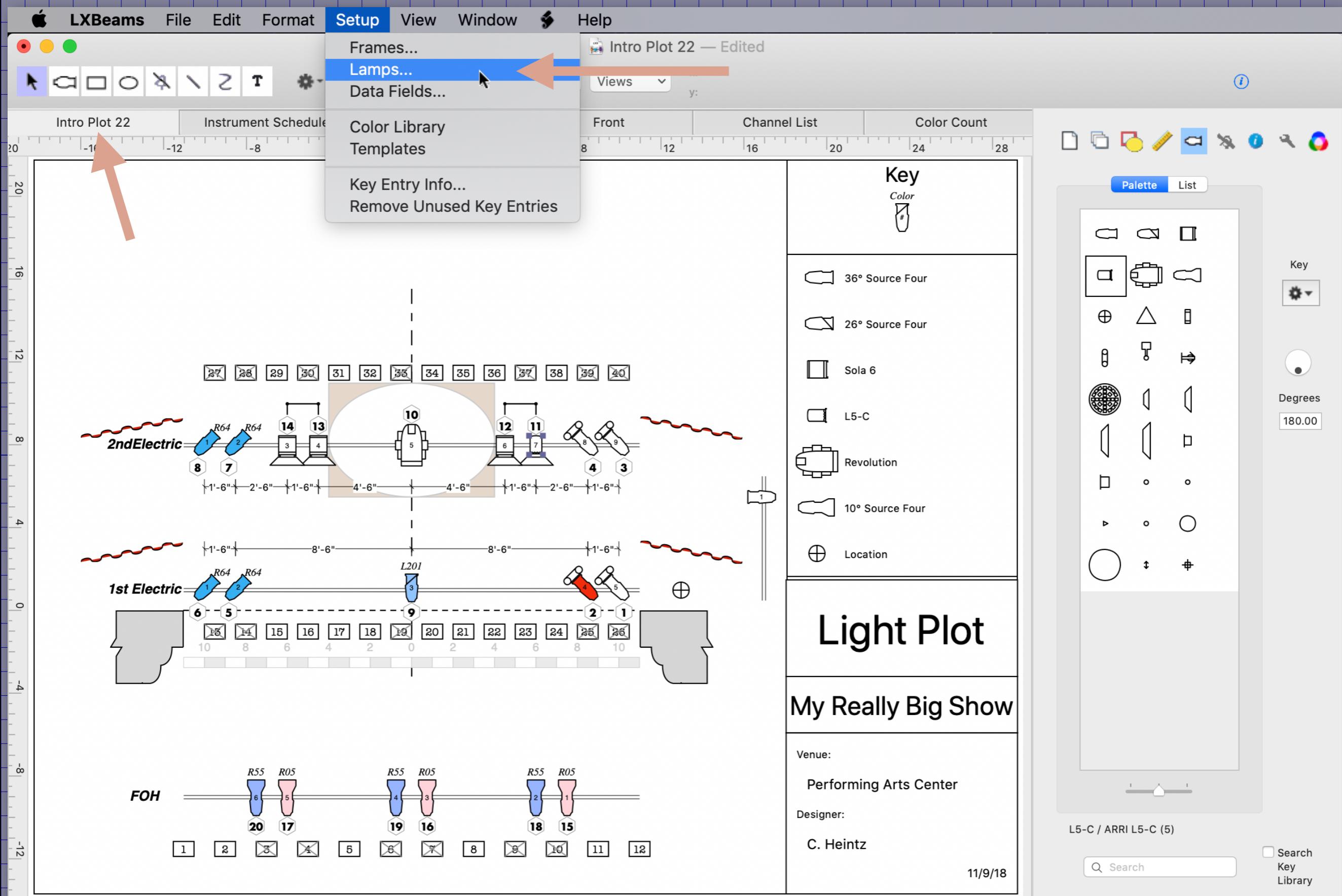
Key

Degrees 180.00

Search Search

Search Key Library

In the main tab, choose Setup→Lamps...



The Lamps Library table matches lamp types to watts.

LXBeams File Edit Format Setup View Window Help

Intro Plot 22 Edited

circuits Views

Instrument Schedule Side

Color Count

Document Library

Item Value

CYZ	1500
EGF	750
BTP	750
DSF	1500
DYR	650
CYX	2000
BTL	500
DPY	5000
EGG	750
EHR	400
FFN	1000
HX600	575

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

Search Key Library

Click OK.

Choose Setup → Data Fields...

LXBeams File Edit Format **Setup** View Window Help

Intro Plot 22 — Edited

Views x:
y:

Front Channel List Color Count

8 12 16 20 24 28

Color Library Templates

Key Entry Info... Remove Unused Key Entries

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

2nd Electric

R64 R64 14 13 10 12 11 4 3 8 7 6 5 1 2 9 L201 0 20 21 22 23 24 25 26

1st Electric

R64 R64 6 5 16 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

Front Channel List Color Count

8 12 16 20 24 28

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

Search Key Library

Intro Plot 22

Instrument Schedule

Front Channel List Color Count

8 12 16 20 24 28

Key

Degrees 180.00

Light Plot

My Really Big Show

Venue:
Performing Arts Center

Designer:
C. Heintz

11/9/18

Search Key Library

Front Channel List Color Count

8 12 16 20 24 28

Key

Degrees 180.00

Light Plot

My Really Big Show

Venue:
Performing Arts Center

Designer:
C. Heintz

11/9/18

Search Key Library

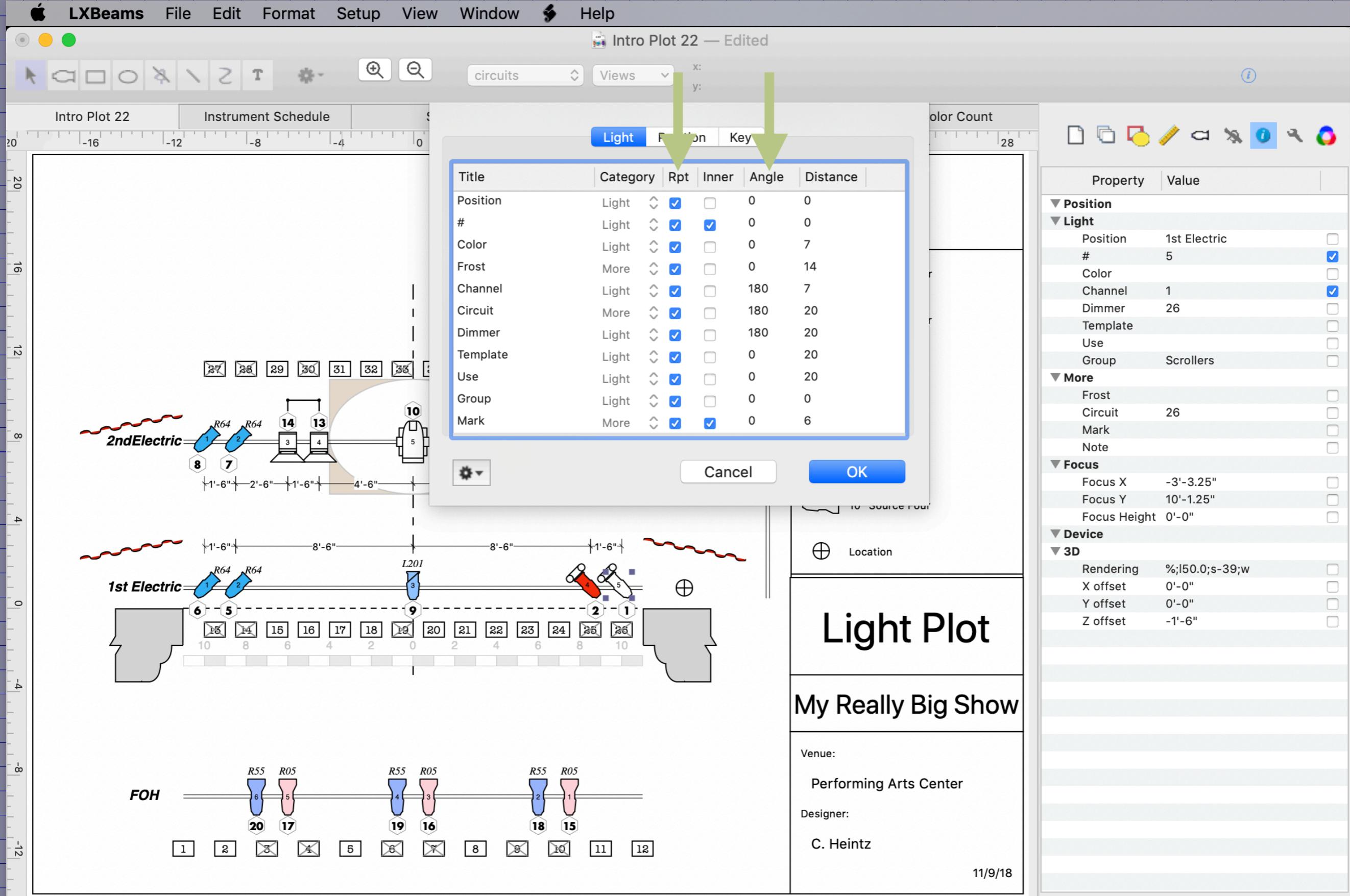
The Data Fields sheet shows the names of fields and some properties.

The screenshot shows the LXBeams software interface with the following components:

- Top Bar:** LXBeams, File, Edit, Format, Setup, View, Window, Help.
- Toolbar:** Includes icons for selection, zoom, search, and various tools.
- Views:** Circuits, Views, with coordinates x: and y:.
- Plot Area:** Shows a stage layout with "2nd Electric", "1st Electric", and "FOH" sections. Various equipment like R64, L201, and R55 are numbered (e.g., 1, 2, 5, 6, 10, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 10, 11, 12).
- Data Fields Sheet:** A modal dialog titled "Light" showing a table of data fields. The table has columns: Title, Category, Rpt, Inner, Angle, and Distance. Rows include Position, #, Color, Frost, Channel, Circuit, Dimmer, Template, Use, Group, and Mark.
- Property Inspector:** A sidebar on the right showing properties for the selected item. It includes sections for Position (Light), More, Focus, Device, and 3D. A green arrow points to the "Position" section.
- Light Plot:** A panel titled "Light Plot" containing "My Really Big Show" information: Venue: Performing Arts Center, Designer: C. Heintz, and date 11/9/18.

The Category column is where the field appears in the Info table.

The “Rpt” column determines if a field can be added to a report.



Inner, Angle and Distance control the placement of a field relative to a symbol.

Scrolling down, there are some additional fields that are hidden by default.

The screenshot shows the LXBeams software interface. At the top, the menu bar includes Apple, LXBeams, File, Edit, Format, Setup, View, Window, Help, and a gear icon. The main window title is "Intro Plot 22 — Edited". Below the title are toolbars for selection, zoom, and search, along with dropdown menus for "circuits" and "Views". A coordinate system shows x and y axes from -16 to 20.

The central area displays a "Light Plot" titled "My Really Big Show". It features three horizontal rows of stage equipment. The top row is labeled "2nd Electric" and contains two R64 fixtures, a Focus Center, and a Focus Beam. The middle row is labeled "1st Electric" and contains two R64 fixtures, a Focus Cuts, and a Focus X. The bottom row is labeled "FOH" and contains two R55 fixtures. Stage dimensions are indicated: 1'-6", 2'-6", 1'-6", and 4'-6" between fixtures.

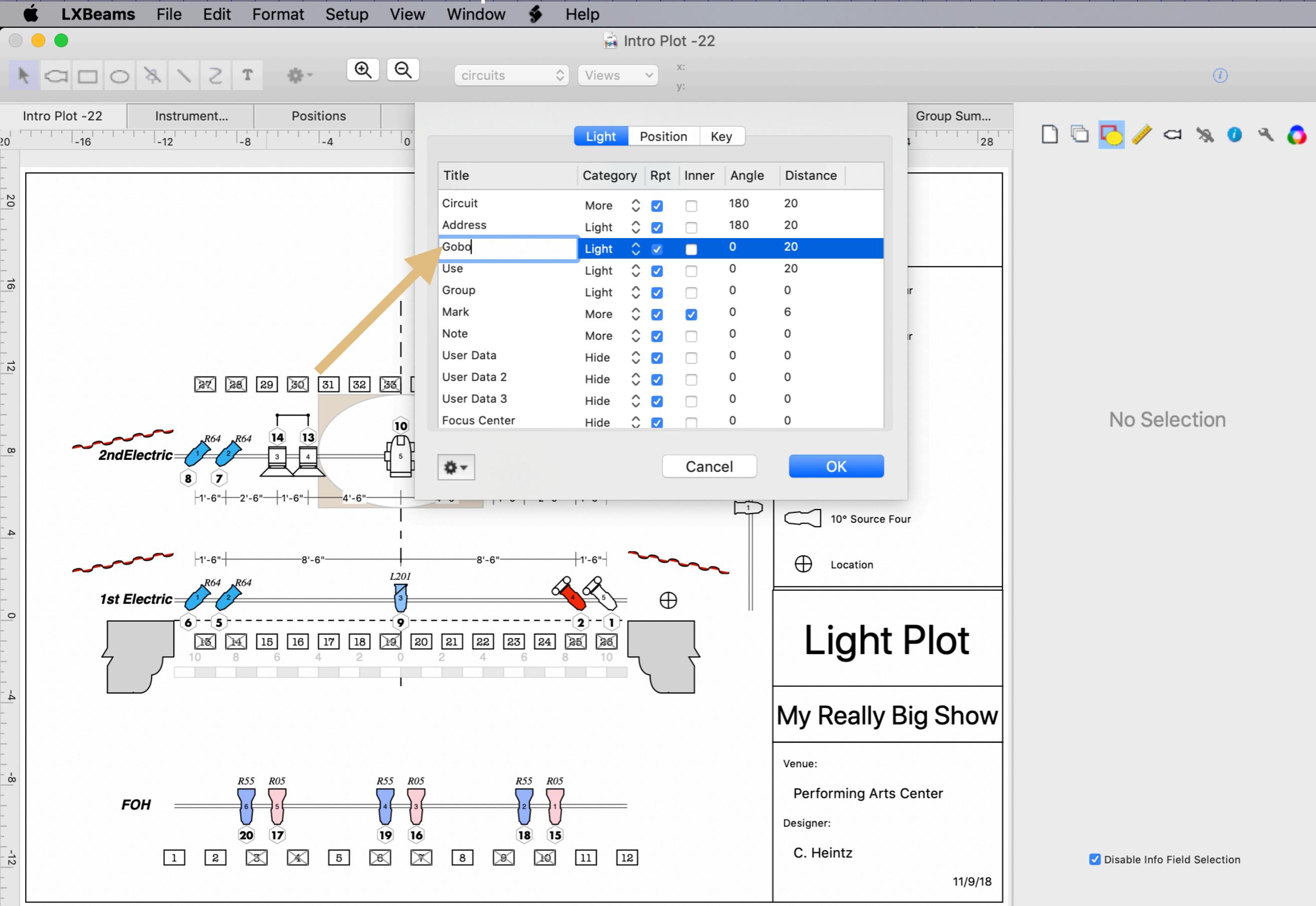
A large green arrow points from the text in the caption down to a configuration dialog box titled "Light". This dialog lists various categories and their settings:

Title	Category	Rpt	Inner	Angle	Distance
Use	Light	<input checked="" type="checkbox"/>	<input type="checkbox"/>	0	20
Group	Light	<input checked="" type="checkbox"/>	<input type="checkbox"/>	0	0
Mark	More	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	0	6
Note	More	<input checked="" type="checkbox"/>	<input type="checkbox"/>	0	0
User Data	Hide	<input checked="" type="checkbox"/>	<input type="checkbox"/>	0	0
User Data 2	Hide	<input checked="" type="checkbox"/>	<input type="checkbox"/>	0	0
User Data 3	Hide	<input checked="" type="checkbox"/>	<input type="checkbox"/>	0	0
Focus Center	Hide	<input checked="" type="checkbox"/>	<input type="checkbox"/>	0	0
Focus Beam	Hide	<input checked="" type="checkbox"/>	<input type="checkbox"/>	0	0
Focus Cuts	Hide	<input checked="" type="checkbox"/>	<input type="checkbox"/>	0	0
Focus X	Focus	<input checked="" type="checkbox"/>	<input type="checkbox"/>	0	0

Buttons for "Cancel" and "OK" are at the bottom of the dialog. To the right of the plot, a "Color Count" panel shows a color bar and the number 28. On the far right, a sidebar titled "Light Plot" contains fields for "Venue" (Performing Arts Center) and "Designer" (C. Heintz), along with a date stamp "11/9/18". The sidebar also includes a "Property" table with sections for Position, Light, More, Focus, Device, and 3D, many of which have checkboxes checked.

These fields can be re-named and used for whatever you'd like.

Find the "Template" field and re-name it "Gobo".



The Info table now labels the "Template" field as "Gobo".

LXBeams File Edit Format Setup View Window Help

Intro Plot -22 — Edited

circuits Views x:
y:

Intro Plot -22 Instrument... Positions Side Front Channel List Channel Su... Group Sum...

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

2ndElectric

1st Electric

FOH

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

R64 R64 14 13 10 12 11 6 7 8 9 4 3

8 7 1' 6" 2' 6" 1' 6" 4' 6" 1' 6" 2' 6" 1' 6"

1' 6" 8' 6" 8' 6" 1' 6"

L201 9 2 1

6 5 10 8 14 15 16 17 18 19 0 20 21 22 23 24 25 26

R55 R05 20 17 4 3 19 16 2 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

Property Value

Position

Light

Position 2ndElectric
5
Color
Channel 10
Address 300
Gobo Swirl
Use
Group

More

Frost
Circuit 33
Mark
Note

Focus

Focus X 0'-0"
Focus Y 2'-1.5"
Focus Height 0'-8.5"
Spot/Flood 15.3
Cd@Spot/F... 376520

Device

Channels
Parameters ipan=180;itilt_x=0;itilt_y=...
Pan 0
Tilt 21
Iris% 23.8

3D

Rendering %;p50;w;q0.000000
X offset 0'-0"
Y offset 0'-0"
Z offset -2'-6"

11/9/18

You might have noticed the Address field has been renamed from Dimmer.

Choose Edit→Find→Find...

LXBeams File Edit Format Setup View Window Help

Undo Key ID ⌘Z
Redo ⌘⇧Z
Cut ⌘X
Copy ⌘C
Paste ⌘V
Delete ⌘⌫
Select ►
Move ⌘M
Make ►
Insert Component ►
Manage Components ►
Find ►
Spelling ►
Start Dictation... fn fn
Emoji & Symbols ^⌘Space
Find... ⌘F
Find Next ⌘G
Jump to Selection ⌘J

Intro Plot 22 — Edited

circuits Views x:
y:

Front Channel List Color Count

4 8 12 16 20 24 28

Intro Plot 22

-16 -12

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

2nd Electric

8 7 2 3 4 5 6 12 11 4 3

1'6" 2'6" 1'6" 4'6" 1'6" 2'6" 1'6"

1st Electric

R64 R64 1 2 3 L201 4 5 6 9 20 21 22 23 24 25 26

10 8 6 4 2 0 2 4 6 8 10

FOH

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

1 2 3 5 6 8 9 10 11 12

No Selection

Key

Color #

36° Source Four
26° Source Four
Sola 6
L5-C
Revolution
10° Source Four
Location

Light Plot

My Really Big Show

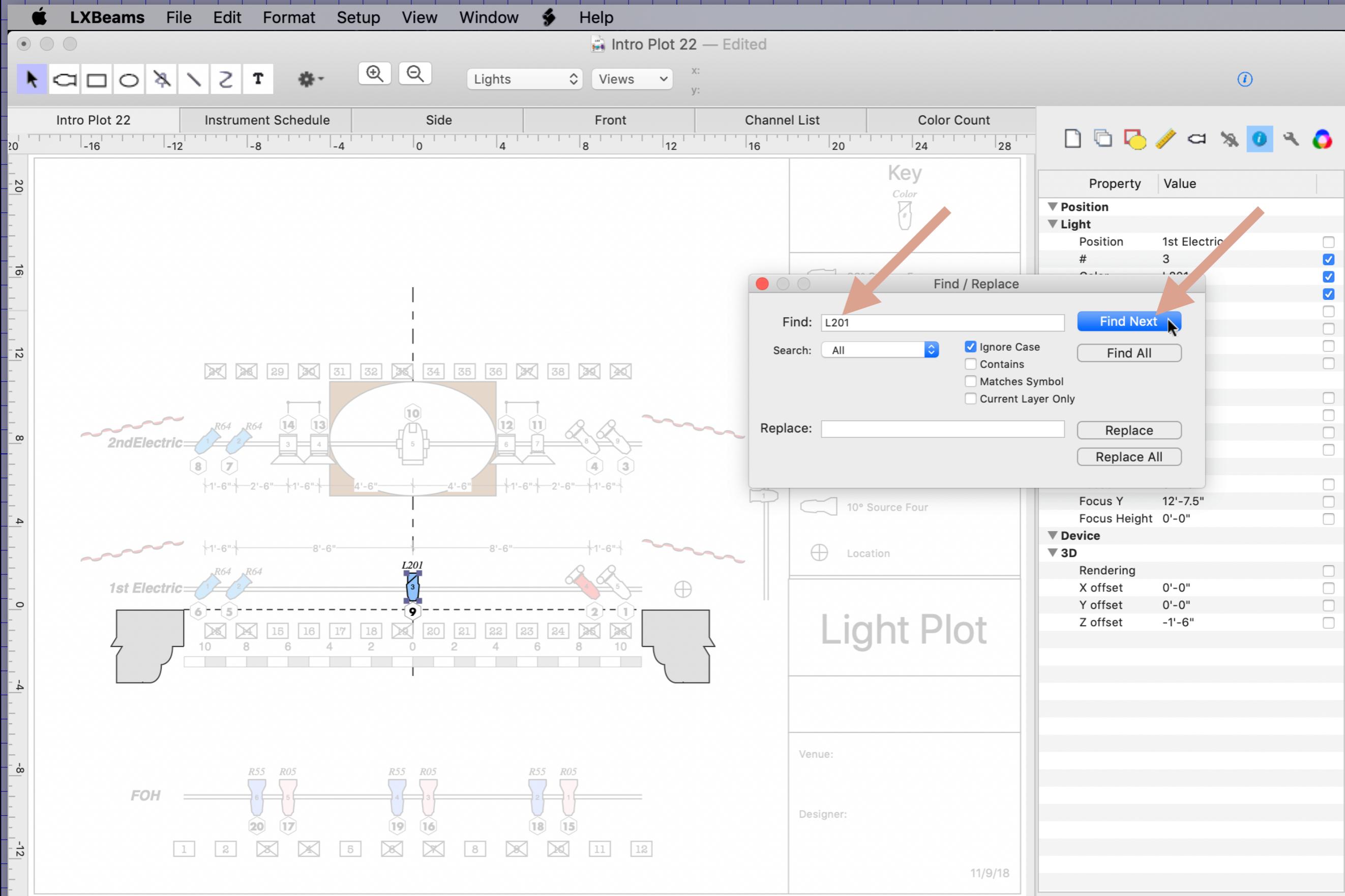
Venue:
Performing Arts Center
Designer:
C. Heintz

Disable Info Field Selection

11/9/18

Or, press ⌘F

Enter "L201" and click "Find Next"



The light that is found is displayed so it stands out.

Close the Find panel and enter "CT Blue" for the color property.

The screenshot shows the LXBeams software interface with the following details:

- Top Bar:** LXBeams, File, Edit, Format, Setup, View, Window, Help.
- Title Bar:** Intro Plot 22 — Edited.
- Toolbar:** Includes icons for selection, zoom, search, and various tools.
- Views:** Lights, Views.
- Instrument Schedule:** Shows a grid of numbered lights (27-40) along a horizontal axis from -16 to 28.
- Side:** Shows a diagram of stage equipment and lighting fixtures labeled 1 through 10.
- Front:** Shows a diagram of stage equipment and lighting fixtures labeled 1 through 10.
- Channel List:** A list of channel numbers (1-40).
- Color Count:** A scale from 20 to 28.
- Key:** A legend for light types, including:
 - 36° Source Four
 - 26° Source Four
 - Sola 6
 - L5-C
 - Revolution
 - 10° Source Four
 - Location
- Light Plot:** A large area containing the stage diagrams and equipment labels.
- My Really Big Show:** A section containing venue information:
 - Venue: Performing Arts Center
 - Designer: C. Heintz
- Properties Panel:** Shows the properties for a selected light fixture (Position 3, Color CT Blue). A red arrow points to the "Color" field.
- Date:** 11/9/18.

The light that was found remains selected.

You are presented with a choice of all colors matching "CT Blue" in the library.

Finder File Edit View Go Window Help

Intro Plot 22 — Edited

The screenshot shows a lighting plot software interface with the following details:

- Top Bar:** Finder, File, Edit, View, Go, Window, Help.
- Title Bar:** Intro Plot 22 — Edited.
- Toolbar:** Includes icons for selection, zoom, search, and other tools.
- Instrument Schedule:** Shows a grid of numbered boxes (27-40) along a horizontal axis.
- Side:** Shows a grid of numbered boxes (31-36) along a vertical axis.
- Plot Area:** Displays a stage layout with two main sections: "2nd Electric" and "1st Electric".
 - 2nd Electric:** Features two R64 fixtures, two Source Four fixtures (labeled 10, 12, 11, 4), and two Sola 6 fixtures.
 - 1st Electric:** Features two R64 fixtures, two Source Four fixtures (labeled 9, 2, 1), and two L5-C fixtures.
 - FOH:** Features two R55 fixtures and two RO5 fixtures.
- Color Count:** A chart showing the count of different colors used in the plot.
- Key:** A legend for light types and symbols.
- Light Plot:** A large text area containing "Light Plot" and "My Really Big Show".
- Properties Panel:** Shows a list of properties for the selected light (Position, Light, More, Focus, Device, 3D).
 - Position:** 1st Electric, # 3, Channel 9, Address 19.
 - Light:** Position 1st Electric, # 3, Color L201, Channel 9, Address 19.
 - More:** Frost, Circuit 19, Mark, Note.
 - Focus:** Focus X 0'-1.5", Focus Y 12'-7.5", Focus Height 0'-0".
 - Device:** Rendering, X offset 0'-0", Y offset 0'-0", Z offset -1'-6".
- Bottom Right:** Date 11/9/18.

You can select from the library or keep "CT Blue" if you desire.

Choose Setup → Color Library

LXBeams File Edit Format **Setup** View Window Help

Frames... Lamps... Data Fields... **Color Library** Templates

Intro Plot 22 — Edited Views x: y:

Front Channel List Color Count

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

Intro Plot 22 Instrument Schedule

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 6 5 2 1 9 16 14 15 16 4 2 17 18 19 0 20 21 22 23 24 25 26

1st Electric R64 R64 6 5 10 8 6 4 2 1 16 14 15 16 4 2 17 18 19 0 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

Property Value

Position

Light

- Position 1st Electric
- # 3
- Color L281
- Channel 9
- Address 19
- Template
- Use
- Group

More

- Frost
- Circuit 19
- Mark
- Note

Focus

- Focus X 0'-1.5"
- Focus Y 12'-7.5"
- Focus Height 0'-0"

Device

3D

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

11/9/18

The screenshot shows the LXBeams software interface. The main window displays a stage plot with various lighting fixtures and equipment labeled with numbers. A red arrow points to the 'Color Library' option in the 'Setup' menu. The right side of the screen features a 'Key' panel with icons for different light types, a 'Light Plot' section with text about a 'Really Big Show', and a 'Property' panel for editing device properties like position, color, and focus.

The standard colors are all the built-in color entries.

A screenshot of the LXBeams software interface. At the top, the menu bar includes Apple, LXBeams, File, Edit, Format, Setup, View, Window, Help. Below the menu is a toolbar with various icons. The main window shows a plot titled "Intro Plot 22 — Edited" with axes from -16 to 28. A color library window is overlaid on the plot. The library has tabs "Document Colors" and "Standard Colors", with "Standard Colors" selected. It lists color entries with names like R355, R356, R357, etc., and their full names. An orange arrow points to the "Standard Colors" tab. A green arrow points to a color swatch in the bottom right of the library window. To the right of the plot is a "Key" panel with a color symbol and a "#". On the far right is a "Property" panel showing settings for a light source, including Position (1st Electric), Light (# 3, Color L281), and Focus (Focus X 0'-1.5", Focus Y 12'-7.5", Focus Height 0'-0"). The bottom right of the screen shows the date 11/9/18.

Intro Plot 22 — Edited

Intro Plot 22

Instrument Schedule

Side

Front

Channel List

Color Count

20

16

12

8

4

0

-4

-8

-12

20

16

12

8

4

0

-4

-8

-12

Intro Plot 22-Color Library

View Explore

Document Colors Standard Colors

Name	Full Name
R355	Pale Violet
R356	Middle Lavender
R357	Royal Lavender
R358	Rose Indigo
R359	Medium Violet
R360	Clearwater
R361	Hemsley Blue
R362	Tipton Blue
R363	Aquamarine
R364	Blue Bell
R365	Tharon Delft Blue
R366	Jordan Blue
R367	Slate Blue
R368	Winkler Blue
R369	Tahitian Blue
R370	Italian Blue
R371	Theatre Booster 1

Graph Detail

Screen Color:

Key

Color #

6° Source Four

6° Source Four

ola 6

5-C

evolution

0° Source Four

ocation

ght Plot

eally Big Show

ming Arts Center

ntz

Property Value

Position

Light

Position 1st Electric

3

Color L281

Channel 9

Address 19

Template

Use

Group

More

Frost

Circuit 19

Mark

Note

Focus

Focus X 0'-1.5"

Focus Y 12'-7.5"

Focus Height 0'-0"

Device

3D

Rendering

X offset 0'-0"

Y offset 0'-0"

Z offset -1'-6"

11/9/18

LXBeams looks up colors in the library to color symbols and beams.

The transmission detail tab shows the specific wavelengths and percents.

The screenshot displays the LXBeams software interface. At the top, the menu bar includes Apple, LXBeams, File, Edit, Format, Setup, View, Window, Help, and a gear icon. Below the menu is a toolbar with various icons. The main window title is "Intro Plot 22 — Edited". The interface features several tabs: "Intro Plot 22", "Instrument Schedule", "Side", "Front", "Channel List", and "Color Count". A color palette is located at the bottom left. On the right side, there is a "Property" panel with a table of settings and a "Detail" tab for a selected color. A red arrow points from the text in the first slide to the "Detail" tab in the software.

Intro Plot 22-Color Library

Document Colors **Standard Colors**

Name	Full Name
R355	Pale Violet
R356	Middle Lavender
R357	Royal Lavender
R358	Rose Indigo
R359	Medium Violet
R360	Clearwater
R361	Hemsley Blue
R362	Tipton Blue
R363	Aquamarine
R364	Blue Bell
R365	Tharon Delft Blue
R366	Jordan Blue
R367	Slate Blue
R368	Winkler Blue
R369	Tahitian Blue
R370	Italian Blue
R371	Theatre Booster 1

Key
Color
#

Detail

% Transmission: 18

Transmission by Wavelength

NM	% transmission
340	45
380	45
420	48
460	60
500	50
540	20
580	8
620	6
660	60
700	80

Screen Color:

Property | Value

Position

Light

Position	1st Electric
#	3
Color	L281
Channel	9
Address	19
Template	
Use	
Group	

More

Frost	
Circuit	19
Mark	
Note	

Focus

Focus X	0'-1.5"
Focus Y	12'-7.5"
Focus Height	0'-0"

Device

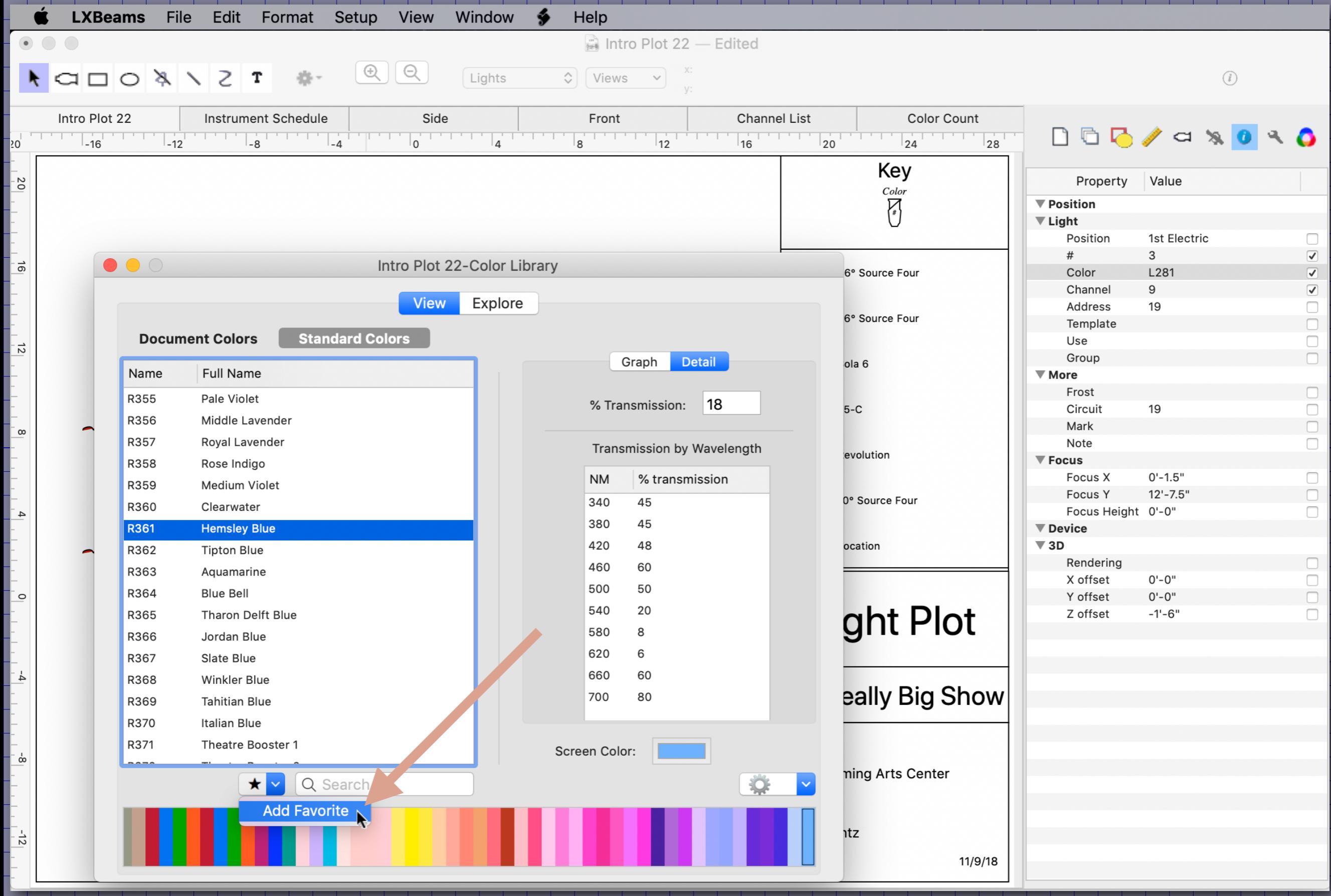
3D

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

11/9/18

The overall transmission is used in calculating illumination points.

Select a color and add it as a favorite using the popup menu.



The Explore tab lets you view color relationships.

The screenshot shows the LXBeams software interface with the 'Explore' tab selected. The main window displays a color wheel and various color-related tools. A large orange arrow points from the text in the top banner down to the 'Explore' button in the top bar of the central window. The right side of the interface features a detailed properties panel for a selected light source.

Central Window (Explore Tab):

- Top Bar:** Intro Plot 22 — Edited, Lights, Views, x:, y:, Channel List, Color Count.
- Left Panel:** Instrument Schedule, Side, Front.
- Right Panel:** Key (Color #), Light Properties (Position, Light, More, Focus, Device, 3D).
- Bottom Panel:** Favorites, Selected color: R361 (Hemsley Blue), Apply, Limit search, 11/9/18.

Properties Panel (Right Side):

Property	Value
Position	
Light	1st Electric
#	3
Color	L281
Channel	9
Address	19
Template	
Use	
Group	
More	
Frost	
Circuit	19
Mark	
Note	
Focus	
Focus X	0'-1.5"
Focus Y	12'-7.5"
Focus Height	0'-0"
Device	
3D	
Rendering	
X offset	0'-0"
Y offset	0'-0"
Z offset	-1'-6"

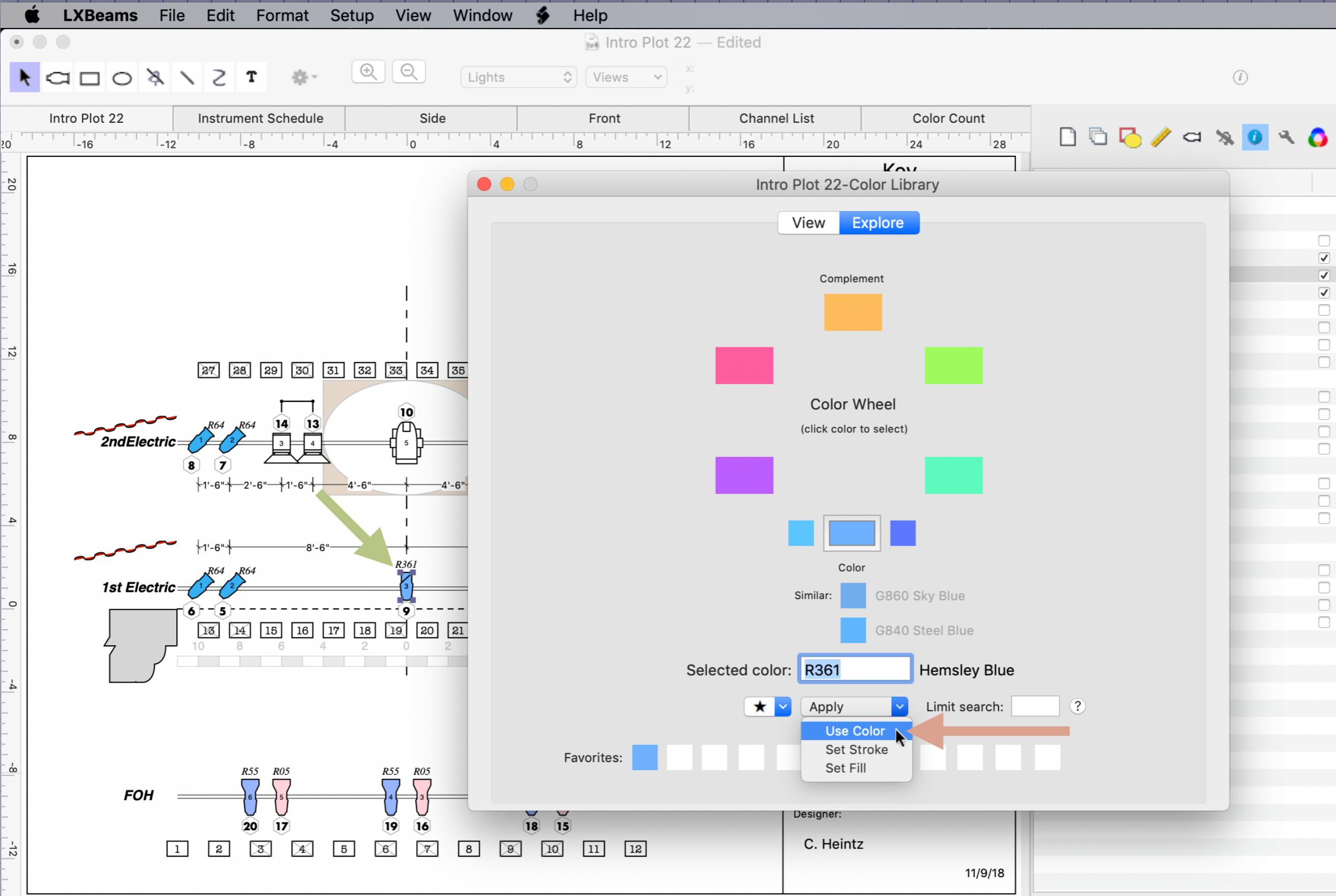
At the top is the complement of your favorite color, click the swatch.

The complement is now selected.

The screenshot shows the LXBeams software interface. At the top, there's a menu bar with options like File, Edit, Format, Setup, View, Window, Help, and a search bar labeled "Intro Plot 22 — Edited". Below the menu is a toolbar with various icons for selection, zoom, and navigation. The main workspace displays a plot titled "Intro Plot 22" with axes ranging from -16 to 28. The plot area contains several text labels and shapes, including "Key", "Color", "#", "6° Source Four", "6° Source Four", "ola 6", "5-C", "evolution", "0° Source Four", and "ocation". To the right of the plot is a "Color Library" window titled "Intro Plot 22-Color Library". This window includes a "Complement" section with a blue square, a "Color Wheel" section with a color wheel and a "click color to select" message, and a "Color" section with a color palette. It also shows "Similar:" swatches for "R3411 3/4 CTO" and "L286 1-1/2 CT Orange day-6500 to". A "Selected color: 7400 Apollo Amber" field is at the bottom, along with "Favorites:" swatches and "Apply" and "Limit search" buttons. On the far right, a properties panel lists settings for a light source, such as Position (1st Electric), Light (Position checked), and Focus (Focus X 0'-1.5", Focus Y 12'-7.5", Focus Height 0'-0").

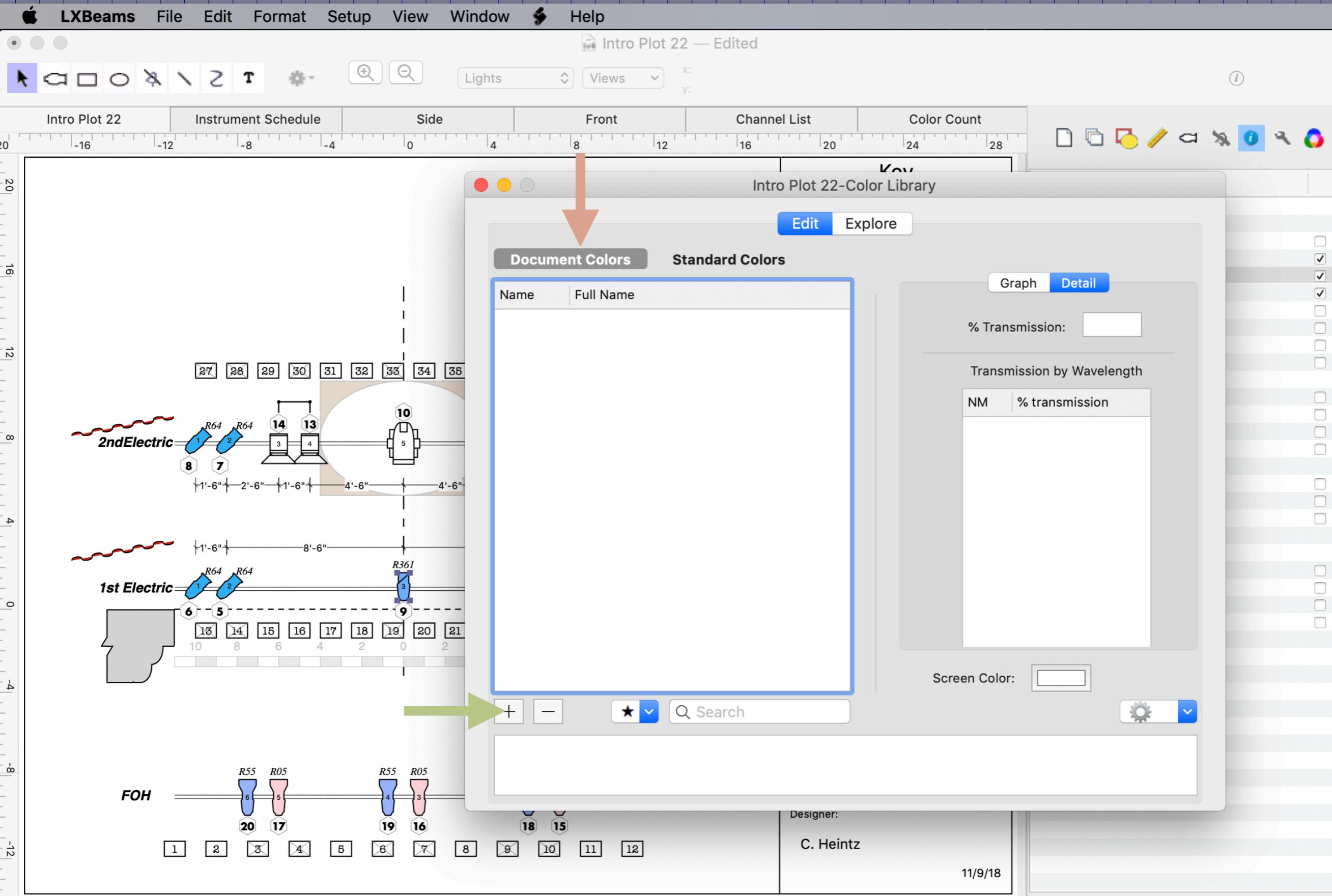
You can keep adding favorites to build a palette.

Selecting “Use Color” from the popup applies the color to selected lights.



You can also use the color for the stroke/fill of other graphics, such as lines or shapes.

The Document tab allows you to add custom colors to the plot.



Document colors are saved with the plot file.

Choose Setup→Templates

LXBeams File Edit Format **Setup** View Window Help

Frames... Lamps... Data Fields... Color Library **Templates** Key Entry Info... Remove Unused Key Entries

Intro Plot 22 — Edited

Front Channel List Color Count

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 6 5 2 1 9 18 15 16 17 19 20 21 22 23 24 25 26

1st Electric R64 R64 6 5 10 8 6 4 2 1 18 14 15 16 17 19 0 2 2 4 6 8 10

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

Property Value

Position

Light

Position 1st Electric
3
Color R361
Channel 9
Address 19
Template
Use
Group

More

Frost
Circuit 19
Mark
Note

Focus

Focus X 0'-1.5"
Focus Y 12'-7.5"
Focus Height 0'-0"

Device

3D

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

11/9/18

The screenshot shows the LXBeams software interface. The main window displays a stage plot with various lighting fixtures and equipment. A red arrow points from the text "Choose Setup→Templates" to the "Templates" option in the top menu bar. The "Templates" menu is open, showing options like "Key Entry Info..." and "Remove Unused Key Entries". To the right of the stage plot is a "Key" panel containing icons for different light types. Below the stage plot is a "Light Plot" section with the title "My Really Big Show" and details about the venue (Performing Arts Center) and designer (C. Heintz). On the far right is a "Property Value" panel showing settings for a selected light fixture, such as position, color, and focus parameters. The bottom of the screen features a large text overlay: "You can select from the library or keep 'CT Blue' if you desire."

You can select from the library or keep "CT Blue" if you desire.

The Templates library contains images of gobos.

LXBeams File Edit Format Setup View Window Help

Intro Plot 22 — Edited

Lights Views x: y:

Intro Plot 22 Instrument Schedule Side Front Channel List Color Count

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

2nd Electric R64 R64 14 13 10 8 7 5 36° Source Four 26° Source Four

1st Electric R64 R64 9 6 5 18 14 15 16 17 18 19 20 361

FOH R55 R05 20 17 6 5 4 3 19 16

Key Color #

Position Light

Position 1st Electric
3
Color R361
Channel 9
Address 19
Template
Use

Property Value

Intro Plot 22-Templates

Library Document

Name	Category
Fleur-de-gras	breakups
Leaves Foilage	foilage
Leaves Thick	foilage
Dandelion Electric	graphic
Foilage Jungle	foilage
Foilage Climbing Ivy	graphic
Spring Branches	foilage
Foliage Breakup Clos...	breakups
Leaves Full	foilage
Breakup M. Doshi	breakups
Tempest	graphic
Foilage Breakup	breakups
Lines	breakups
Water Reflections	elements

Search

Tempest

Description: Tempest

Category: graphic

Mfg: Apollo

#: MS-1026

Image: Apollo/MS-1026.jpg

C. Heintz 11/9/18

The screenshot shows the LXBeams software interface. The main window displays a stage plot with various lighting fixtures and gobos. A 'Templates' library window is open, listing gobos categorized by type (e.g., breakups, foilage, graphic). One template, 'Tempest', is selected, showing its preview image (a circular pattern of white bars on black), name, description, category, manufacturer, part number, and image file path. The status bar at the bottom right indicates 'C. Heintz' and the date '11/9/18'.

The images can be used as masks for rendering beams in the model window.

The Templates can be sorted to help find a particular template.

LXBeams File Edit Format Setup View Window Help

Intro Plot 22 — Edited

Lights Views x: y:

Intro Plot 22 Instrument Schedule Side Front Channel List Color Count

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

10
14 13
3 4
5
8 7
1'6" 2'6" 1'6" 4'6"
2nd Electric

1'6" 8'6" R361
1 2
6 5
18 14 15 16 17 18 19 20
10 8 6 4 2 0
1st Electric

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

Key Color #

Property Value

▼ Position
▼ Light
Position # 1

Intro Plot 22-Templates

Library Document

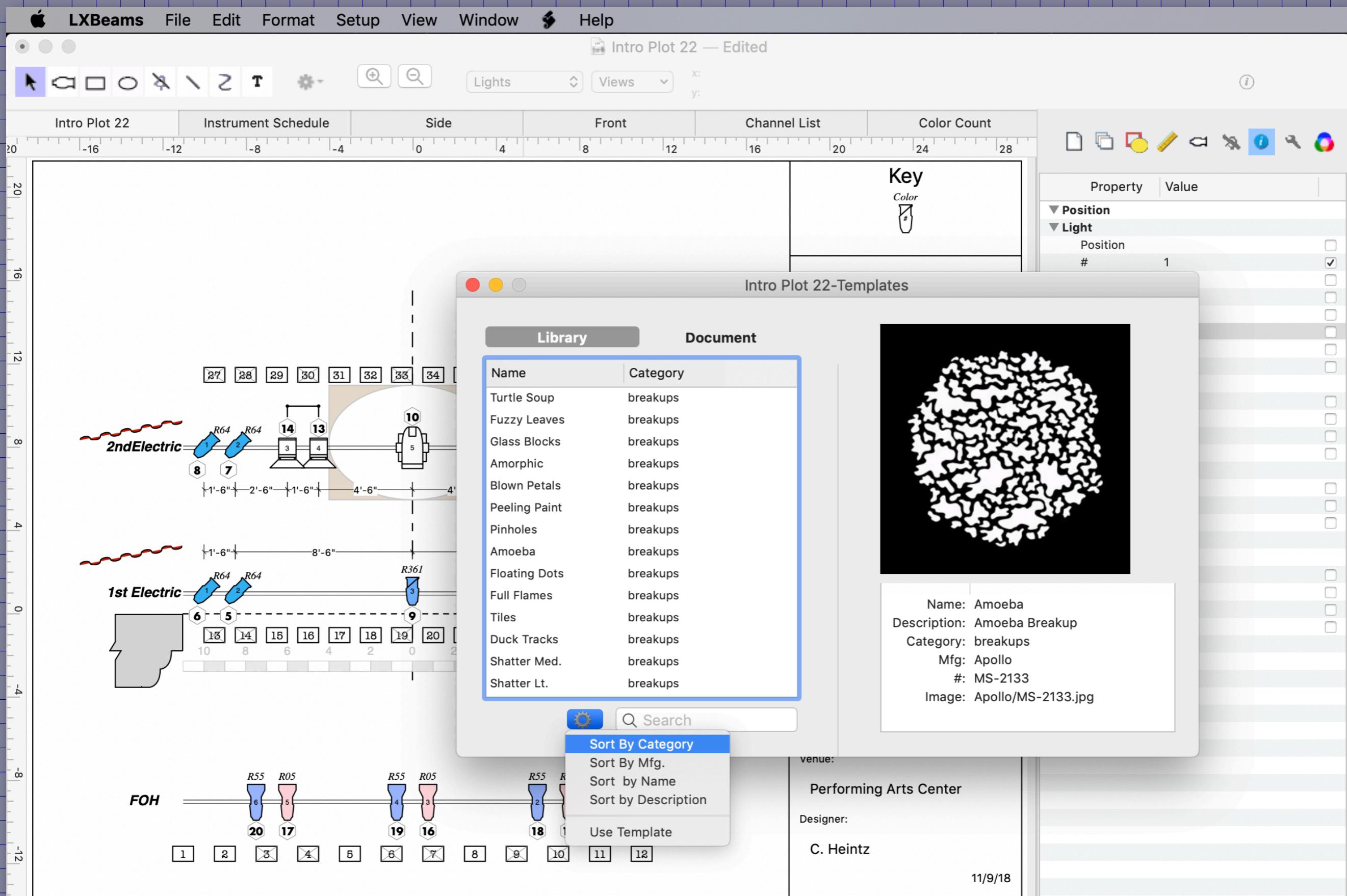
Name	Category
Turtle Soup	breakups
Fuzzy Leaves	breakups
Glass Blocks	breakups
Amorphic	breakups
Blown Petals	breakups
Peeling Paint	breakups
Pinholes	breakups
Amoeba	breakups
Floating Dots	breakups
Full Flames	breakups
Tiles	breakups
Duck Tracks	breakups
Shatter Med.	breakups
Shatter Lt.	breakups

Search Sort By Category

- Sort By Category
- Sort By Mfg.
- Sort by Name
- Sort by Description
- Use Template

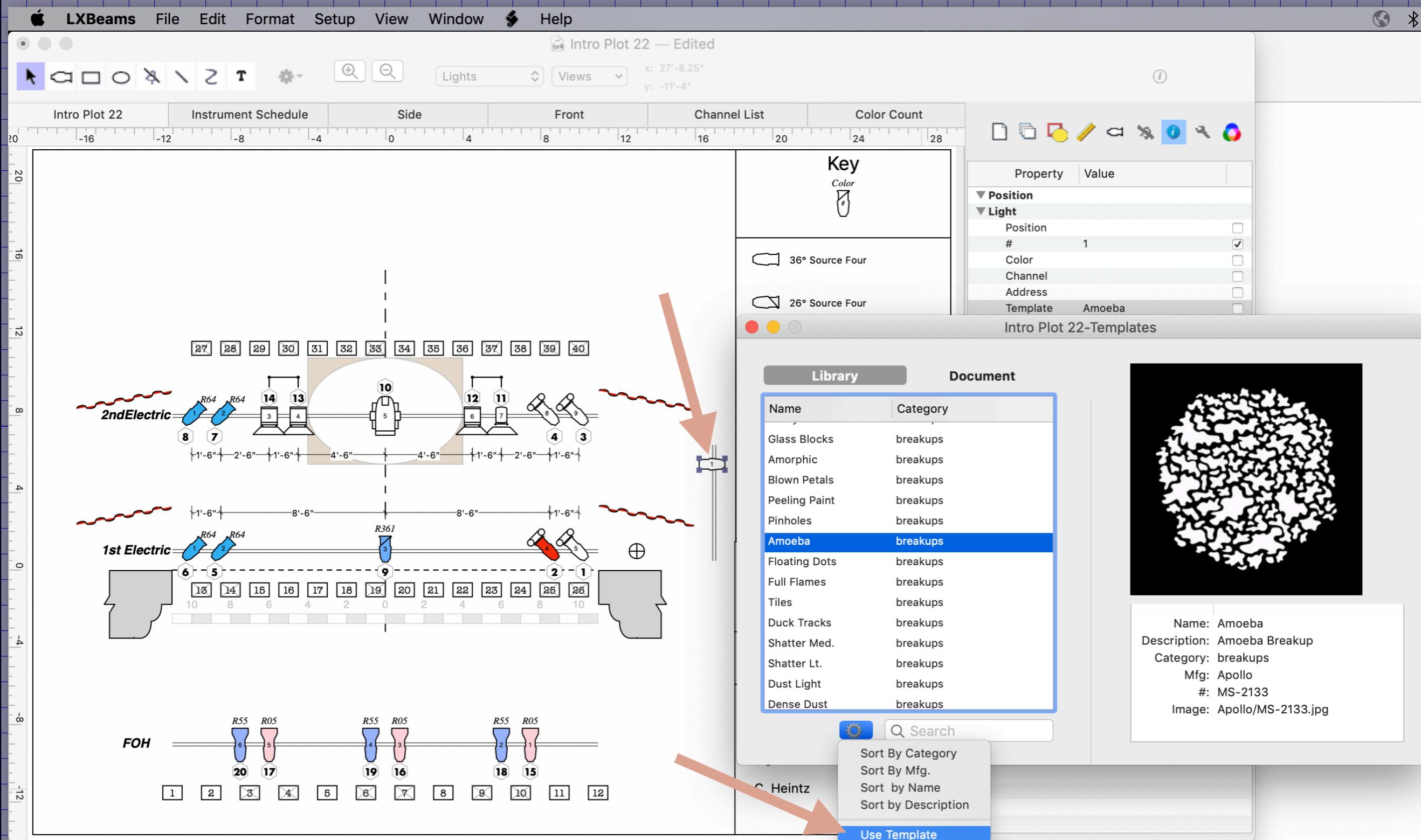
venue:
Performing Arts Center
Designer:
C. Heintz
11/9/18

Amoeba
Description: Amoeba Breakup
Category: breakups
Mfg: Apollo
#: MS-2133
Image: Apollo/MS-2133.jpg



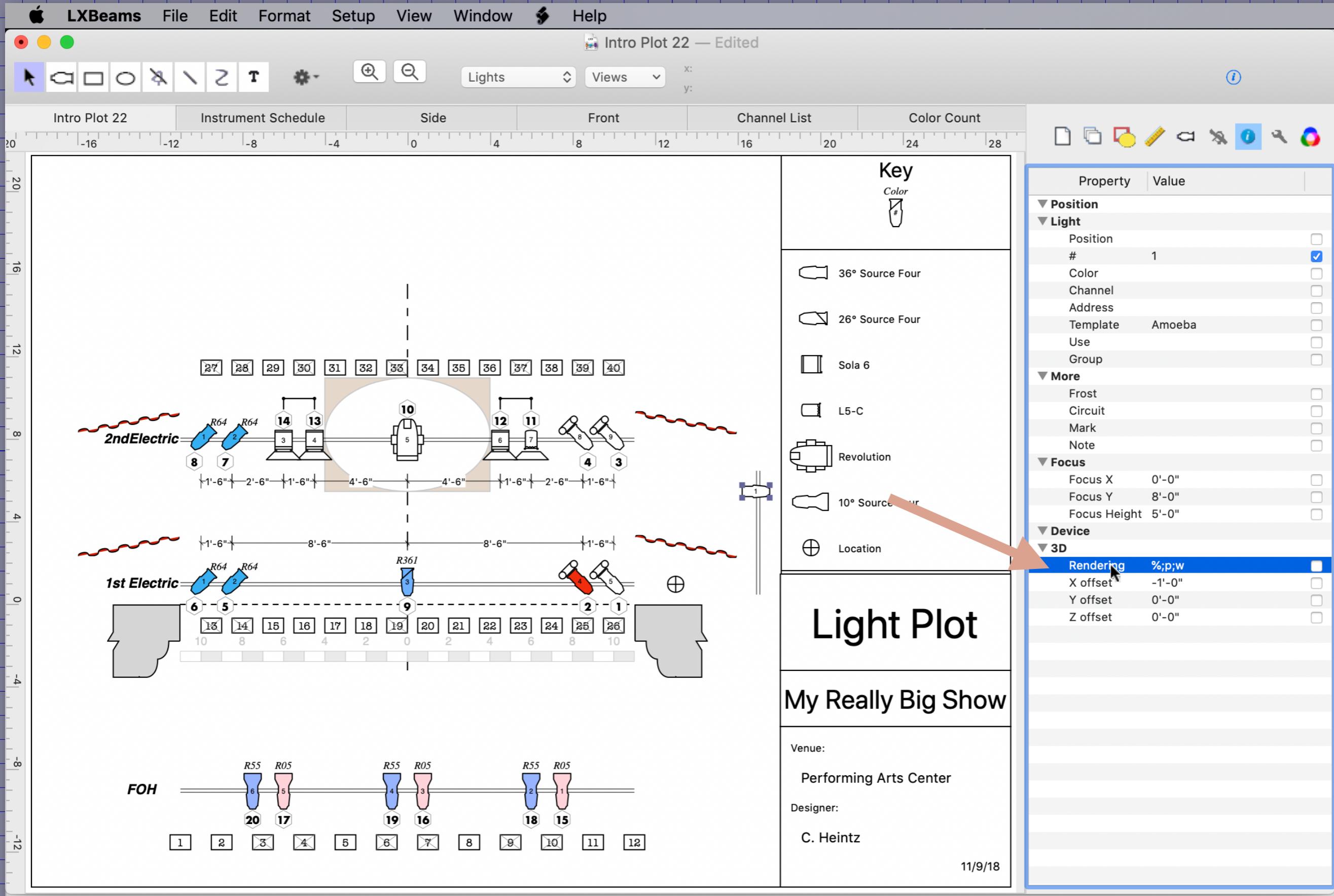
Categories are general groupings such as "breakups", "foliage", "graphics", etc.

Like colors, you can apply a template to a selected light.

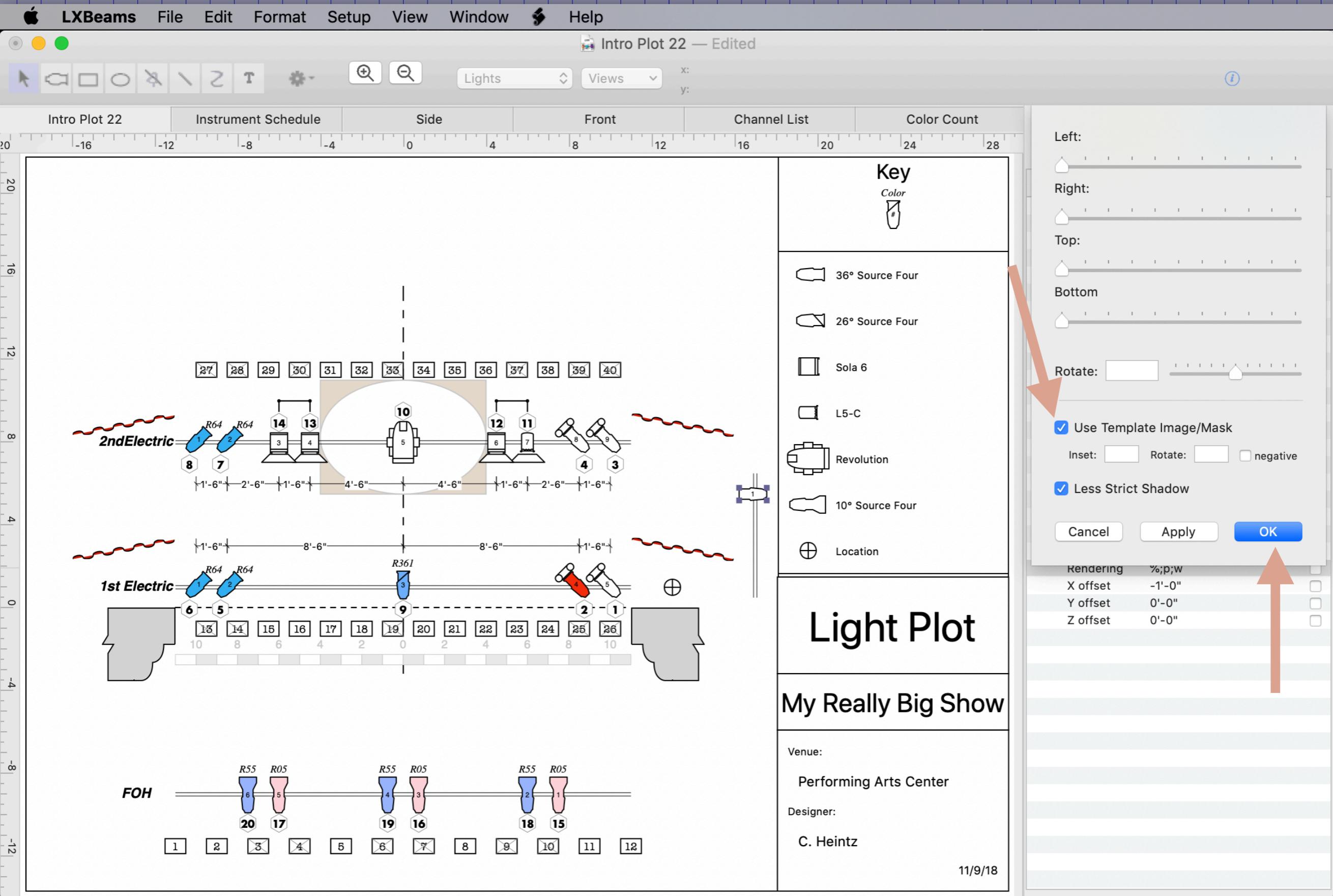


Select a light, then choose "Use Template" from the popup.

Double-click the property name "Rendering" in the 3D category.

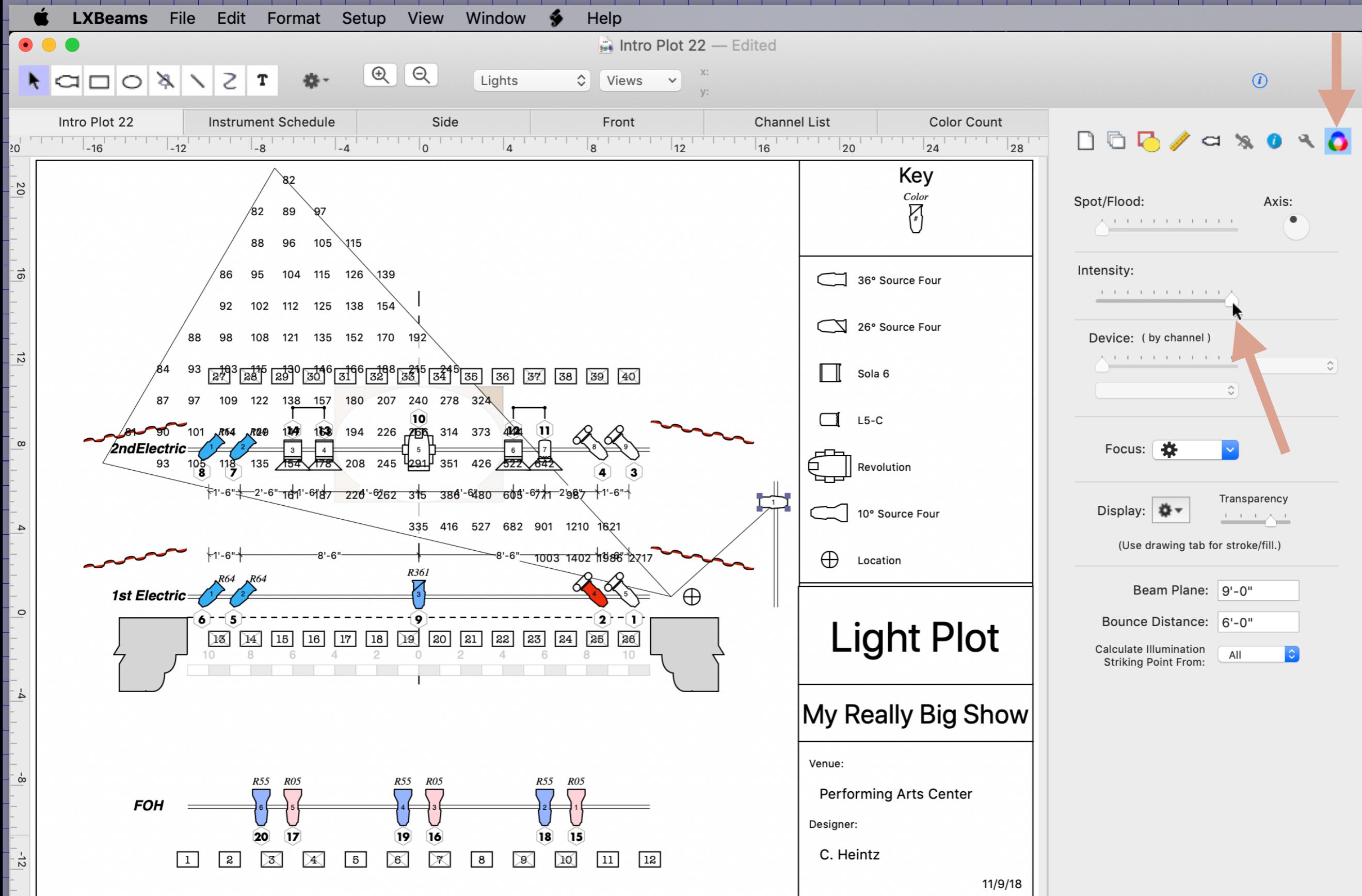


Check the Use Template Image/Mask box.

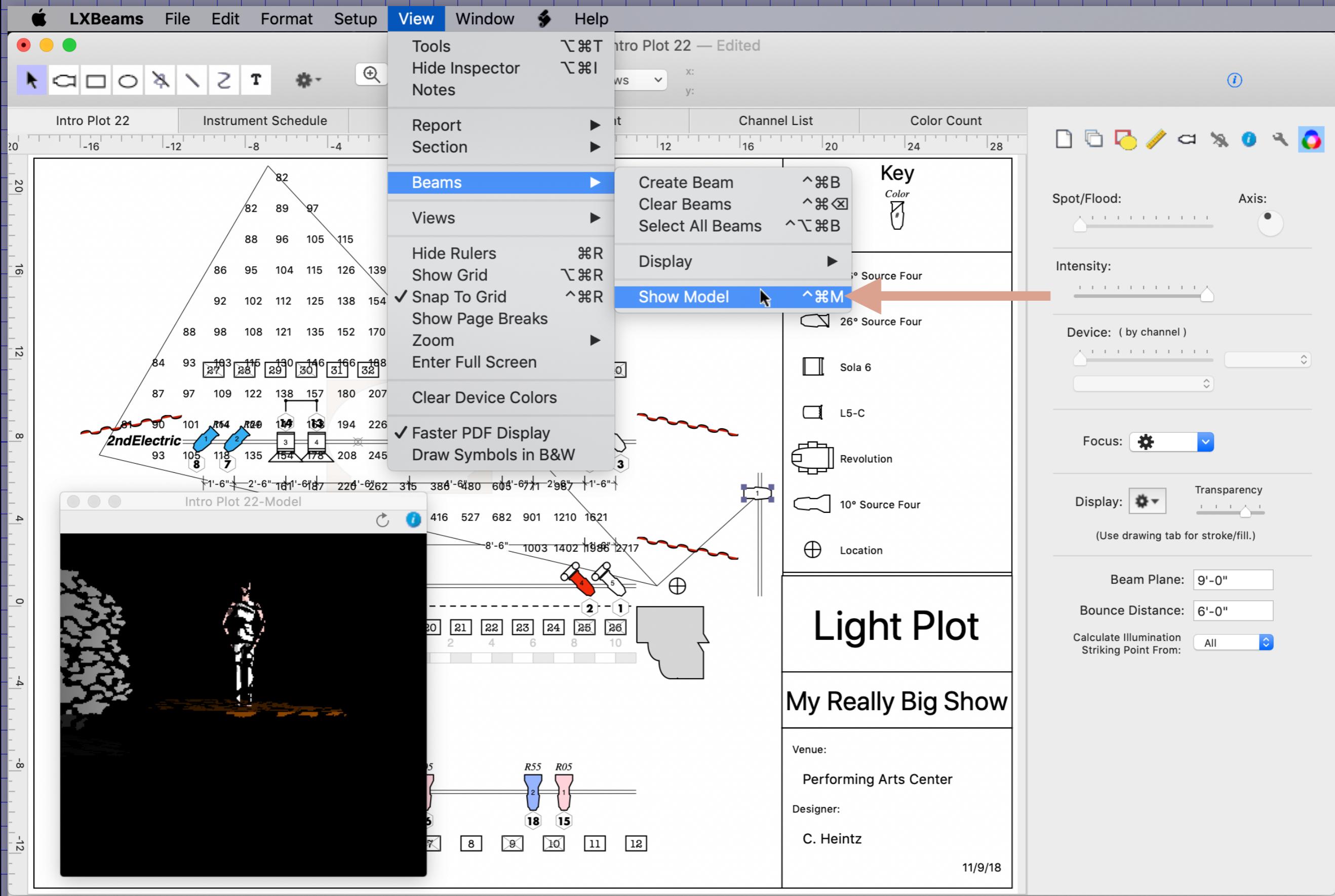


Click OK.

In the Beams tab, use the Intensity slider to turn the light on.



Choose View→Beams→Show Model.



In this section we've looked at
customizing LXBeams' tables.

- The Frames table links color sizes to cuts-per-sheet.
- The Lamps table links lamp codes to watts.
- The Data Fields table controls the setup of info attached to objects.

In this section we've looked at

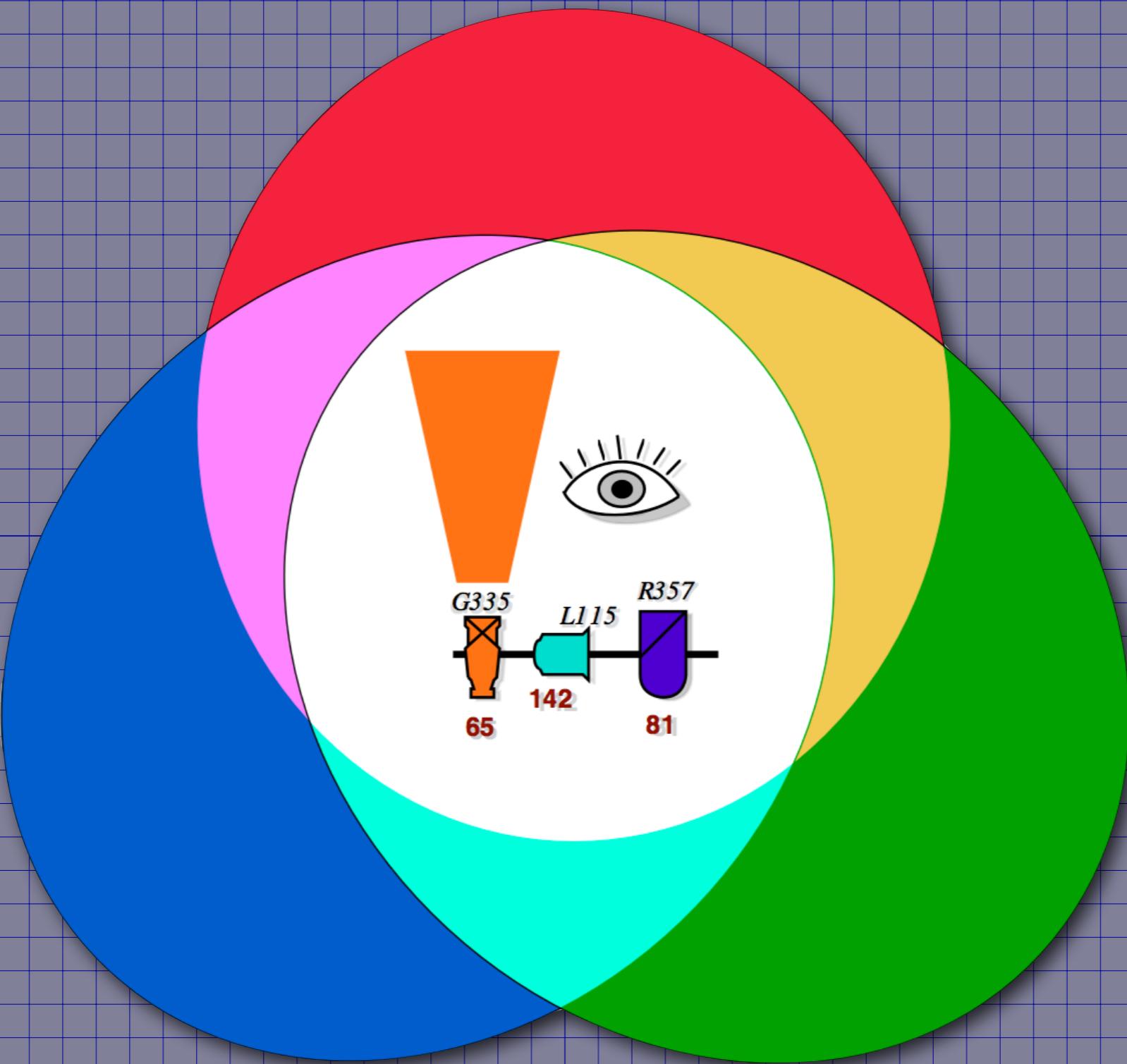
The Color and Template libraries.

- The Color library links color names with screen colors.
- You can develop a palette and apply colors to selected objects.
- The template library holds images that can be used as masks to render in the model window.

Try It Yourself

- Use the color library to find and add a color to a light.
- Bonus if you use “explore” to find a complement to R361.
- Use the template library to change the amoeba template.

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