

## Lutron Design Files and Bluebeam® Revu®

Bluebeam allows for easier specification and increased accuracy to specify Lutron on every job. In addition, Bluebeam empowers the specification community through digital drawing tools in popular formats. Bluebeam Revu helps create an efficient and effective workflow beyond Lutron HomeWorks Designer.

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## Lutron Design Files and Bluebeam Revu Overview

Bluebeam helps to provide designers, architects, and engineers the opportunity to have the latest information to specify Lutron products accurately on projects. For some tools, like Bluebeam, Lutron has also worked to offer a way to incorporate the output from the tool into the normal Lutron workflows as part of our myLutron platform and the 16.0 HomeWorks programming software.

### Software Requirements

- Bluebeam Revu 2018 and Bluebeam Revu 2019 supported (30-day free trial available for download on [Bluebeam.com](https://www.Bluebeam.com))
- Lutron myProjects
- 16.0 HomeWorks programming software
- Windows compatible/PC laptop

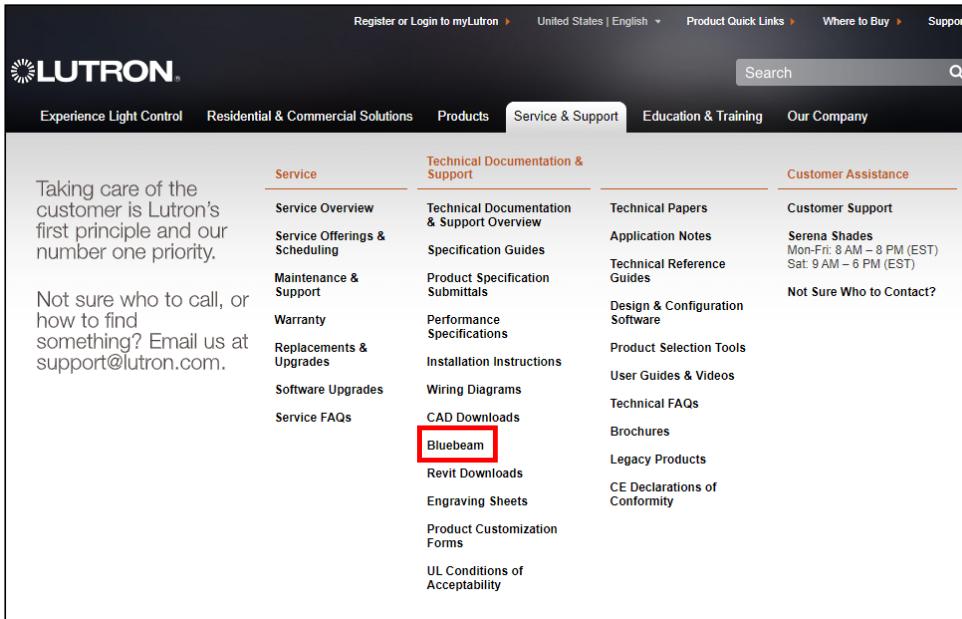
### Download and Installation of Design Files

Below is a list of step-by-step instructions on how to download Lutron Bluebeam Tool Chests.

Tool Chests available on:

- [Lutron.com/bluebeam](https://www.Lutron.com/bluebeam)
- [Ketra.com/resources](https://www.Ketra.com/resources)

1. On [Lutron.com](https://www.Lutron.com), click on the Service & Support tab, then select Bluebeam under Technical Documentation & Support.

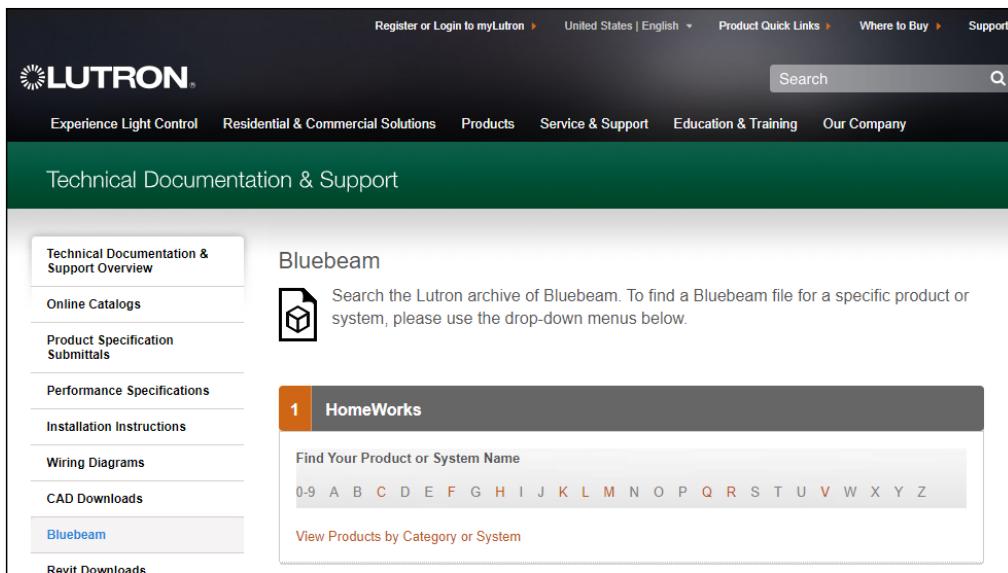


The screenshot shows the Lutron website's navigation bar at the top with links for 'Register or Login to myLutron', 'United States | English', 'Product Quick Links', 'Where to Buy', and 'Support'. Below the navigation bar is a search bar. The main content area has a sidebar on the left with text about customer care and a contact email. The main content area is a grid with three columns. The first column is 'Service' with links: Service Overview, Service Offerings & Scheduling, Maintenance & Support, Warranty, Replacements & Upgrades, Software Upgrades, and Service FAQs. The second column is 'Technical Documentation & Support' with links: Technical Documentation & Support Overview, Specification Guides, Product Specification Submittals, Performance Specifications, Installation Instructions, Wiring Diagrams, CAD Downloads, Revit Downloads, Engraving Sheets, Product Customization Forms, and UL Conditions of Acceptability. The third column is 'Customer Assistance' with links: Technical Papers, Application Notes, Technical Reference Guides, Design & Configuration Software, Product Selection Tools, User Guides & Videos, Technical FAQs, Brochures, Legacy Products, CE Declarations of Conformity, and Customer Support. The 'Bluebeam' link under 'CAD Downloads' is highlighted with a red box.

## Lutron Design Files and Bluebeam Revu Overview (continued)

### Download and Installation of Design Files (continued)

2. Specify the product or system desired. In this case, HomeWorks has been selected.



The screenshot shows the Lutron website's 'Technical Documentation & Support' page. On the left, a sidebar lists categories: Technical Documentation & Support Overview, Online Catalogs, Product Specification Submittals, Performance Specifications, Installation Instructions, Wiring Diagrams, CAD Downloads, **Bluebeam** (which is selected and highlighted in blue), and Revit Downloads. The main content area is titled 'Bluebeam' and contains a search bar with the placeholder 'Search the Lutron archive of Bluebeam. To find a Bluebeam file for a specific product or system, please use the drop-down menus below.' Below the search bar is a 'HomeWorks' section with a sub-header 'Find Your Product or System Name' and a dropdown menu with letters A through Z. The 'Bluebeam' category is selected, and the 'HomeWorks' section is highlighted with an orange bar.

3. Once a product or system is selected, the following Tool Chests will appear. Click on the Tool Chest desired and download.

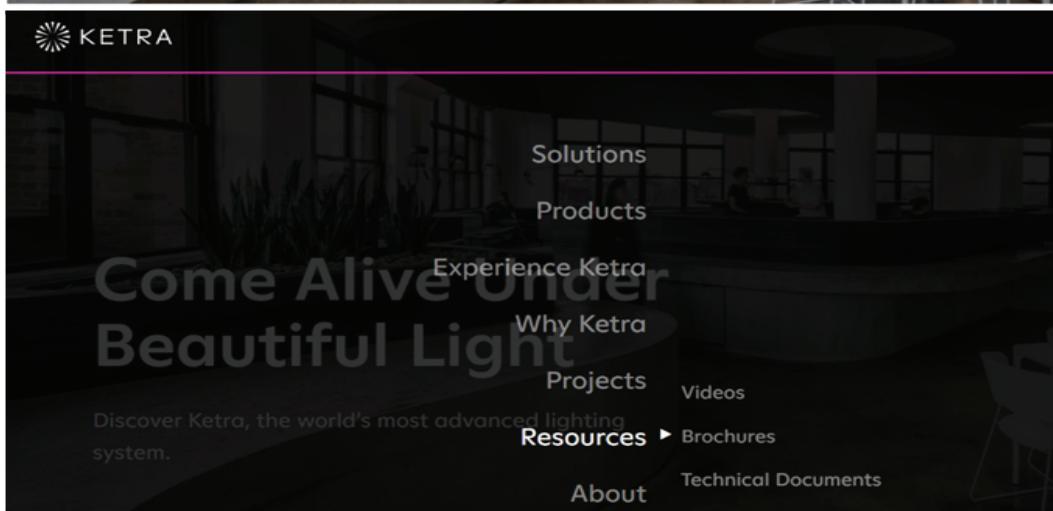
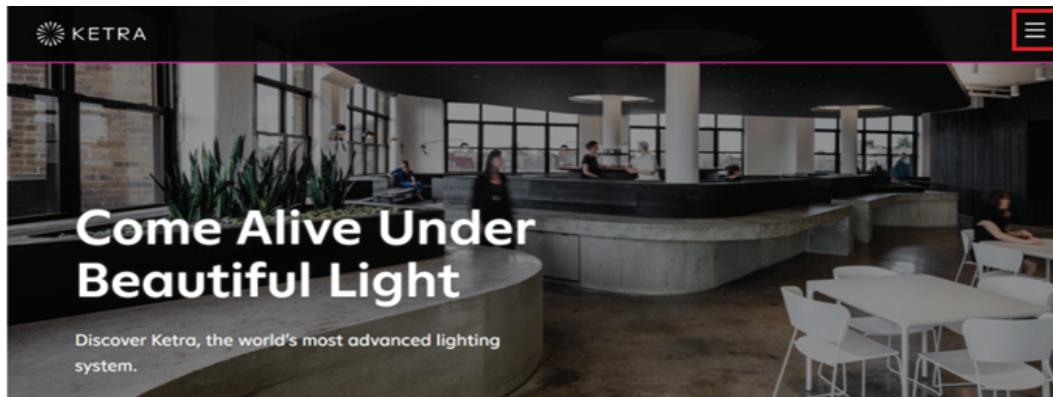
Product Description	Model	Document Title	Model Number	Voltage	Download(s)
HomeWorks - Bluebeam Design File 2018	All Models	HomeWorks - Bluebeam Design File 2018			<a href="#">English (.zip)</a>
HomeWorks - Bluebeam Design File 2019	All Models	HomeWorks - Bluebeam Design File 2019			<a href="#">English (.zip)</a>
HomeWorks + Ketra Type X – Bluebeam Design File 2018	All Models	HomeWorks + Ketra Type X – Bluebeam Design File 2018			<a href="#">English (.zip)</a>
HomeWorks + Ketra Type X – Bluebeam Design File 2019	All Models	HomeWorks + Ketra Type X – Bluebeam Design File 2019			<a href="#">English (.zip)</a>
Ivalo - Bluebeam Design File 2018	All Models	Ivalo - Bluebeam Design File 2018			<a href="#">English (.zip)</a>
Ivalo - Bluebeam Design File 2019	All Models	Ivalo - Bluebeam Design File 2019			<a href="#">English (.zip)</a>
Ketra HomeWorks - Bluebeam Design File 2018	All Models	Ketra HomeWorks - Bluebeam Design File 2018			<a href="#">English (.zip)</a>
Ketra HomeWorks - Bluebeam Design File 2019	All Models	Ketra HomeWorks - Bluebeam Design File 2019			<a href="#">English (.zip)</a>
Residential Systems - Full - Bluebeam 2018 Design File/Tool Chest	All Models	Lutron_2018_Full_V1_1	All Models		<a href="#">English (.zip)</a>
Residential Systems - Full - Bluebeam 2019 Design File/Tool Chest	All Models	Lutron_Full_V1_2_2019	All Models		<a href="#">English (.zip)</a>

## Lutron Design Files and Bluebeam Revu Overview (continued)

### Download and Installation of Design Files (continued)

On [www.ketra.com](http://www.ketra.com), follow the step-by-step download instructions below.

1. Click the drop down in the top right corner of the page. Click Resources and select Technical Documents.



## Lutron Design Files and Bluebeam Revu Overview (continued)

### Download and Installation of Design Files (continued)

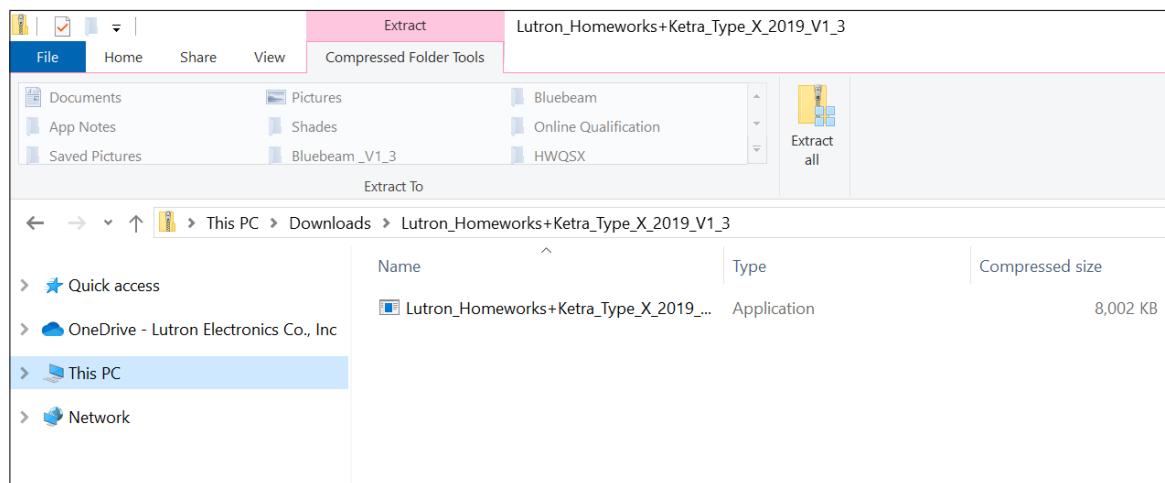
- Under Technical Documents, click Bluebeam Tool Chests and select the desired Tool Chest and download.

AutoCAD/Bluebeam Tool Chests

- Residential Systems – Full – AutoCAD Design Files 2020
- HomeWorks QS + KetaNet – AutoCAD Design Files 2020
- HomeWorks + Keta Type X – AutoCAD Design Files 2020
- ZIP Files of CAD Symbols – AutoCAD 2019 and Older
- Residential Systems – Full – Bluebeam Design Files 2019
- HomeWorks QS + KetaNet – Bluebeam Design Files 2019
- HomeWorks + Keta Type X – Bluebeam Design Files 2019
- Residential Systems – Full – Bluebeam Design Files 2018
- HomeWorks QS + KetaNet – Bluebeam Design Files 2018
- HomeWorks + Keta Type X – Bluebeam Design Files 2018

- Download the .zip file containing the desired Lutron Bluebeam Tool Chest into the proper file directory for Bluebeam to access.

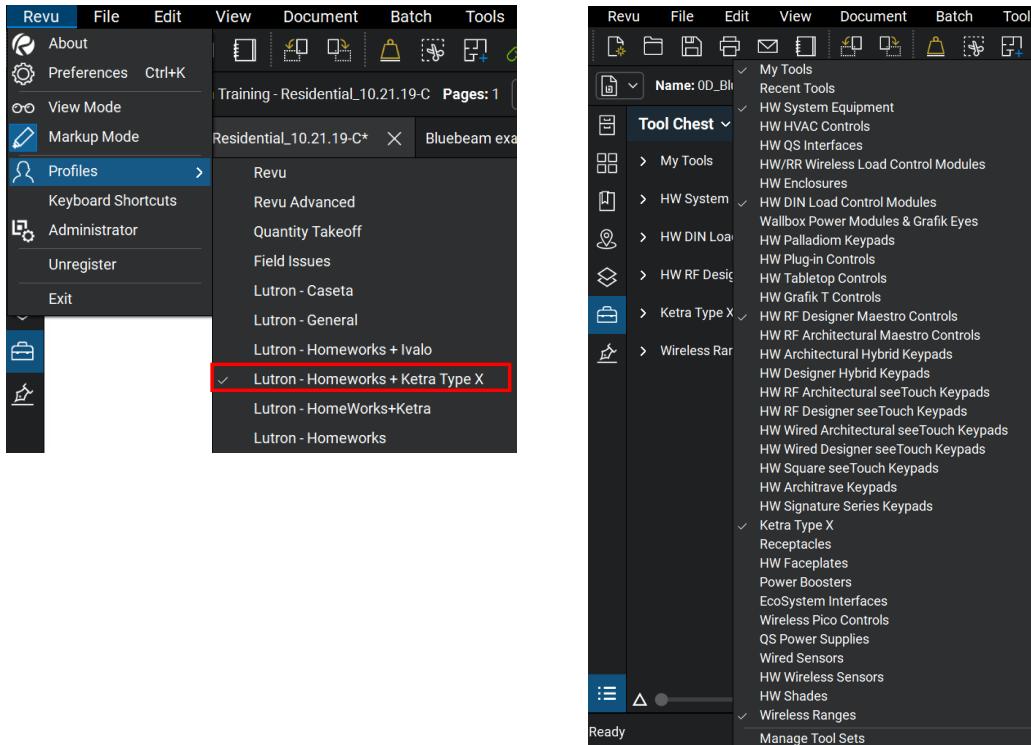
**Note:** Bluebeam Revu must be closed in order to successfully install the Tool Chests.



## Lutron Design Files and Bluebeam Tool Chests

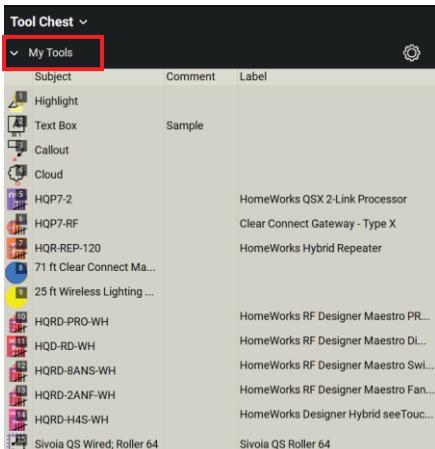
### Tool Chest

The Tool Chest is organized into different Lutron product categories based upon the Lutron profile chosen.



### My Tools

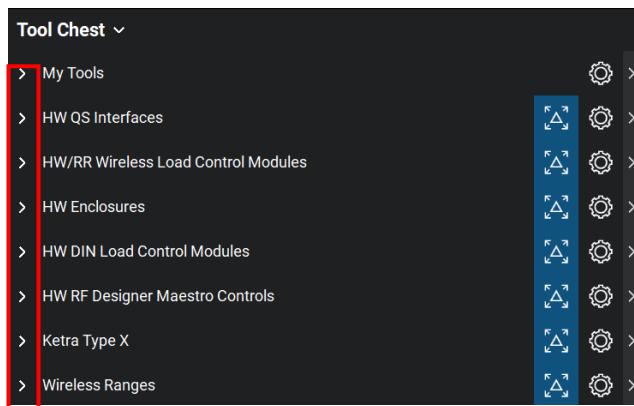
A built-in tool chest for frequently used Lutron products or additional created symbols. The My Tools Tool Chest will remain between design sessions.



## Lutron Design Files and Bluebeam Tool Chests (continued)

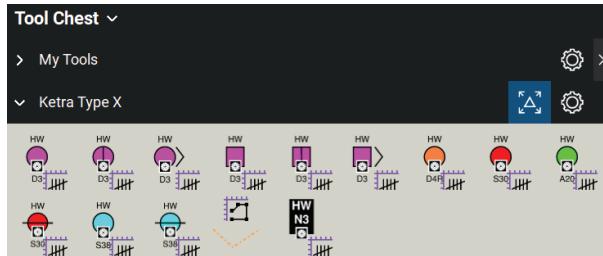
### Tool Chest Toolbar

**Expand/Collapse:** Expands or collapses the product set within the Tool Chest.

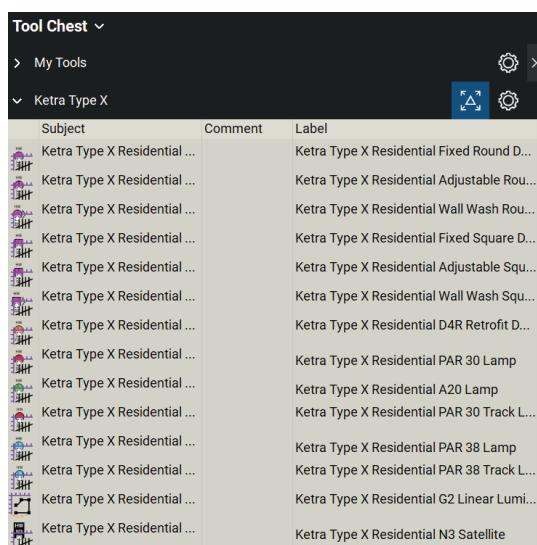


### Properties Menu

**Symbol:** Products in the Tool Chest are shown as their symbol only.



**Detail:** Products in the Tool Chest are shown in a more detailed format, including the product full name.

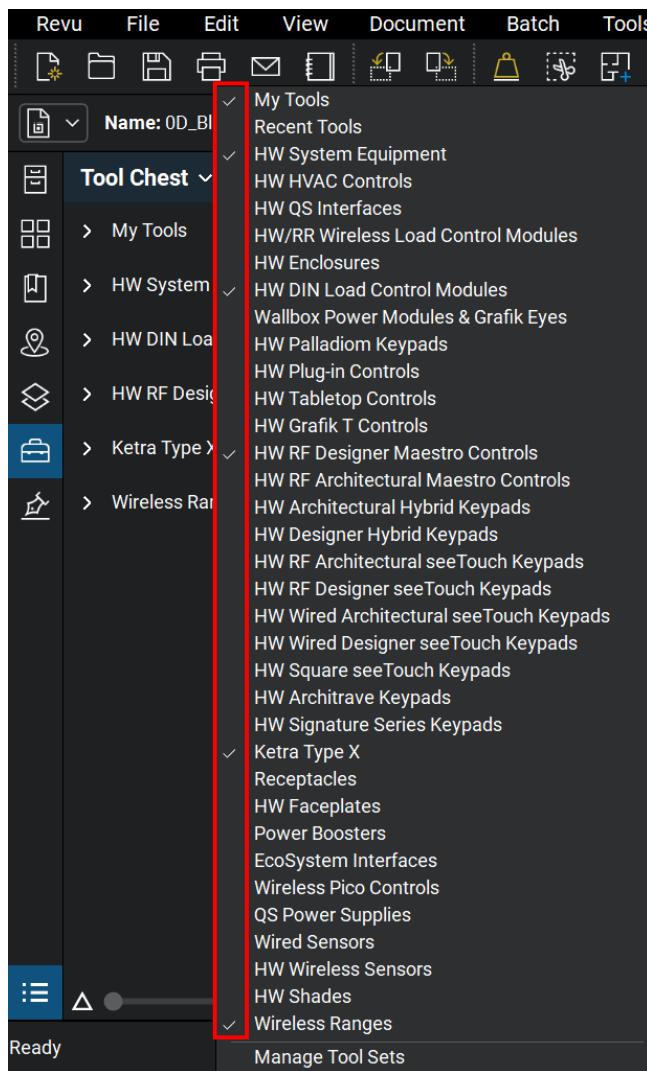


## Lutron Design Files and Bluebeam Tool Chests (continued)

### Tool Chest Toolbar (continued)

#### Properties Menu (continued)

**Hide:** Product tool sets can be hidden from the Tool Chest if not needed on a project. To show the hidden product tool set, select it from the Tool Chest menu.



## Lutron Design Files and Bluebeam Tool Chests (continued)

### Setting the Scale

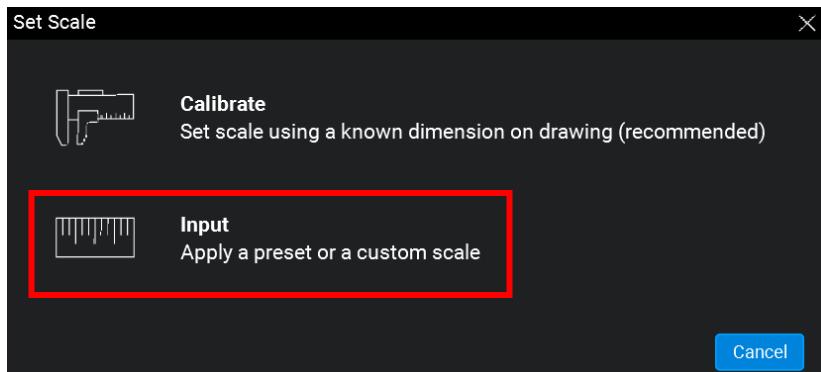
Sets the PDF drawing to scale to ensure accuracy of measurements, shading solutions, sensors, wireless and lighting ranges.

#### Preset and Custom

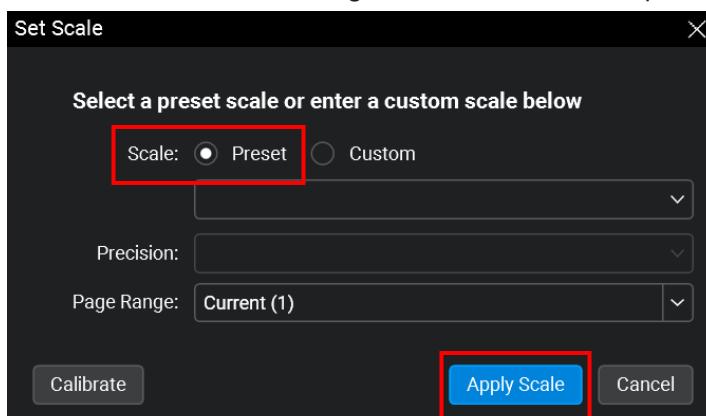
If the scale is known on the PDF drawing, use Preset for common scales or Custom for manual input.

**Note: The scale must be set before any products are placed or measurements are taken on the drawing.**

1. Click Scale not Set on bottom right side of the screen.
2. When dialog box appears, click Input to apply Preset or Custom scale.



3. For Preset, select the drawing PDF scale from the drop-down menu.



4. For Custom, enter the scale in the fields provided.
5. Click Apply Scale.

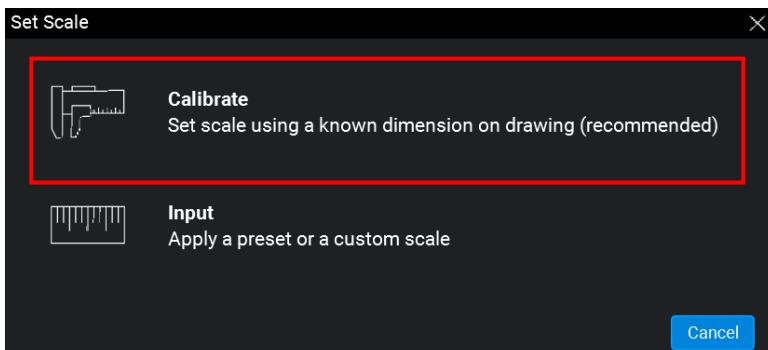
## Lutron Design Files and Bluebeam Tool Chests (continued)

### Setting the Scale (continued)

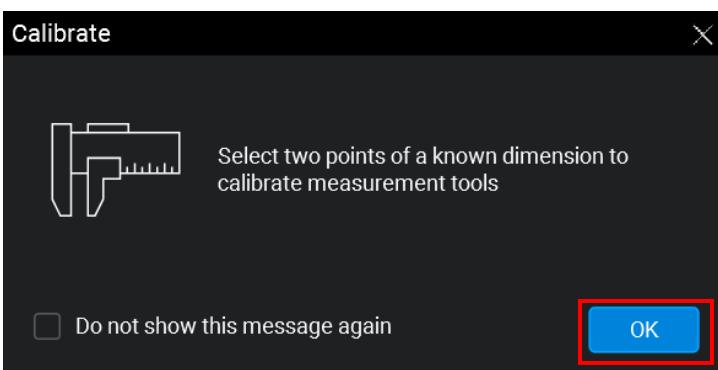
#### Calibrate

Allows accurate collaboration of the PDF by measuring the length between a known distance (doorway, ceiling tiles, etc.) on the drawing.

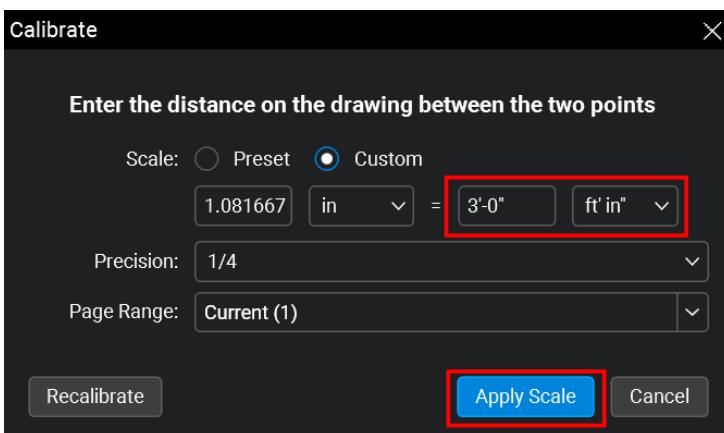
1. Click Scale not Set on bottom right side of screen.
2. When the dialog box appears, click Calibrate.



3. Select two known points. Click OK.
4. Find a known distance on the drawing. Click the first point, then click the second point to complete the distance.



5. The Calibration dialog box will appear, enter the known distance between the two points and select the correct units for the drawing.
6. Click Apply Scale

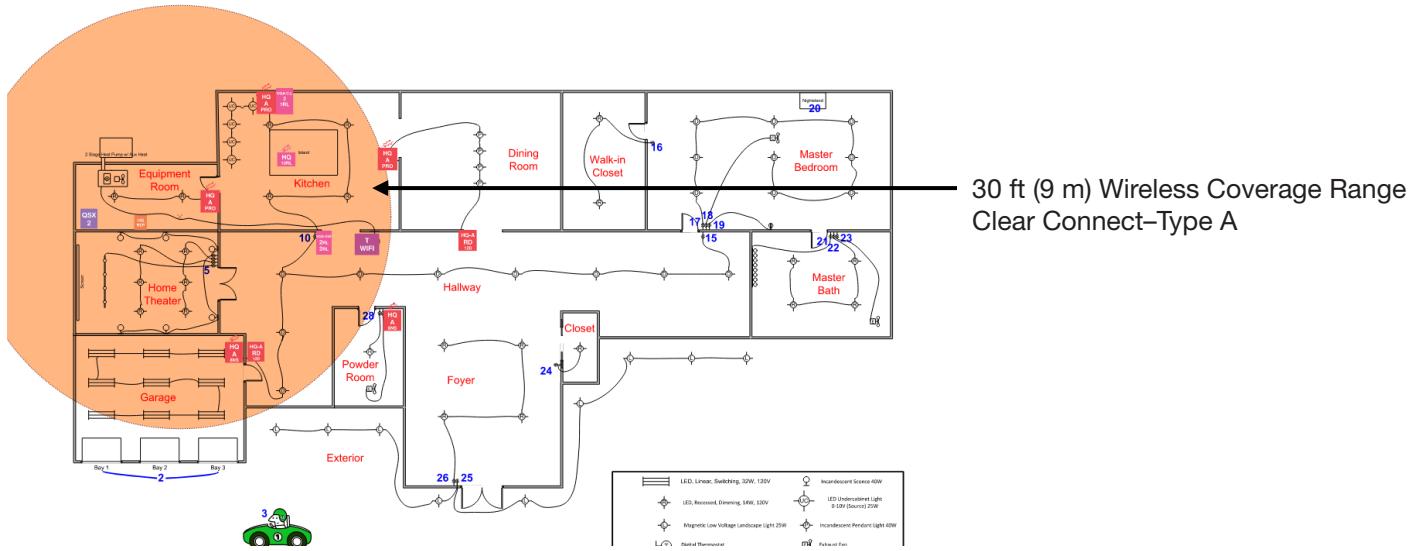


## Lutron Design Files and Bluebeam Tool Chests (continued)

### Wireless Ranges

#### Clear Connect – Type A

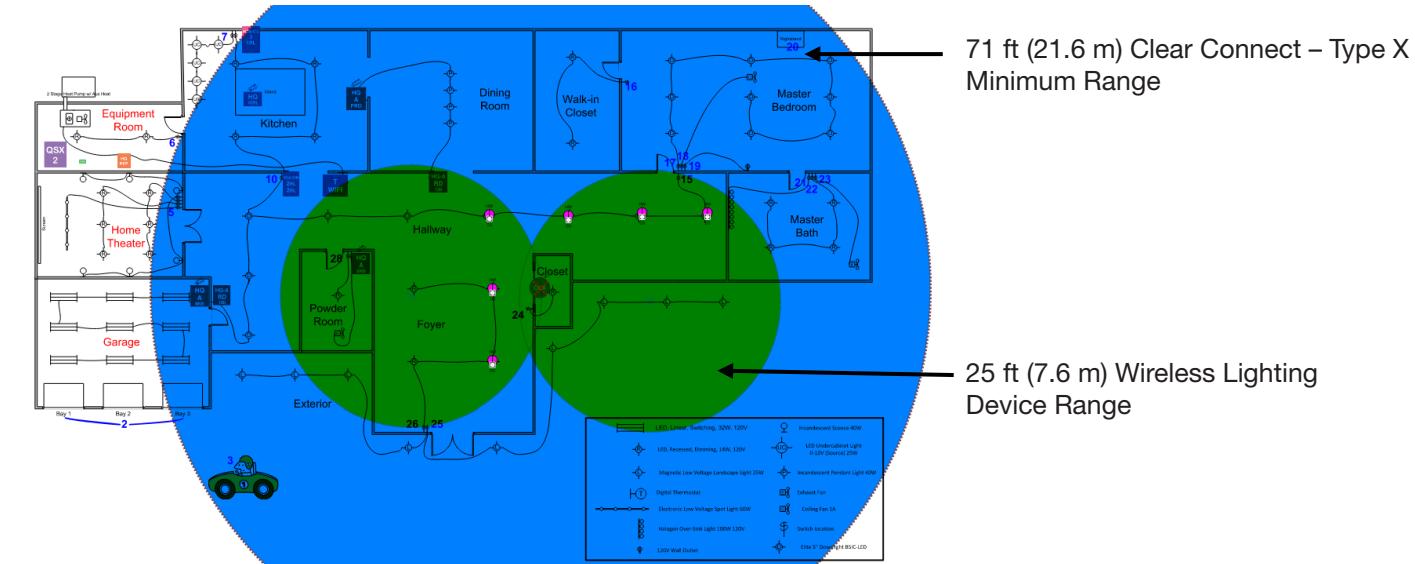
Below is a screenshot showing the usage of the 30 ft (9 m) Clear Connect Wireless - Type A radius which represents the recommended distance from device to the repeater. This can be used to verify proper wireless coverage and the need for additional repeaters on the link.



#### Clear Connect – Type X

The following screenshot demonstrates the usage of the 71 ft (21.6 m) and 25 ft (7.6 m) radii which are used with Clear Connect Wireless – Type X applications. The 71 ft (21.6 m) radius represents the range that all devices assigned to a Clear Connect Gateway – Type X must be within and the 25 ft (7.6 m) radius is used for both of the following verifications:

1. At least two Clear Connect Wireless – Type X devices must be within 25 ft (7.6 m) of their gateway.
2. Each Clear Connect Wireless – Type X device must be within 25 ft (7.6 m) of 2 other devices on the subnet.



## Tips and Tricks

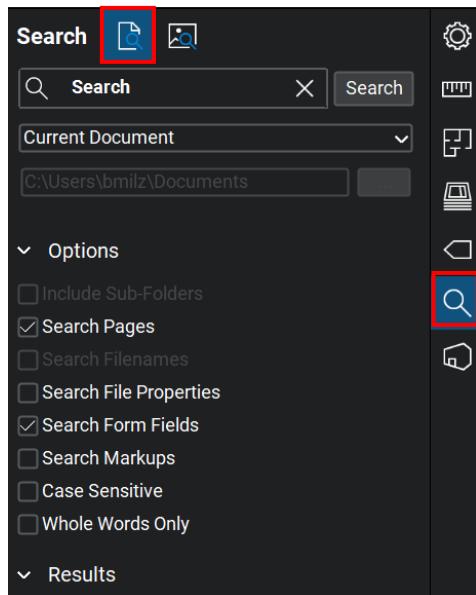
### Searching PDF Drawings

Text searches are used for searching actual text and visual searches allow for graphics to be searched within a PDF drawing.

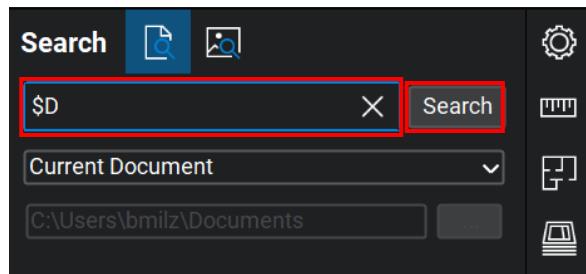
#### Text Search

Searches for text within the PDF drawing. **Note:** Scanned PDFs and images containing words are not text searchable.

1. Click on the Search icon on the right side of the screen.
2. Select Text Search.



3. Enter the desired symbol or text element in the Search field.
4. Click Search.

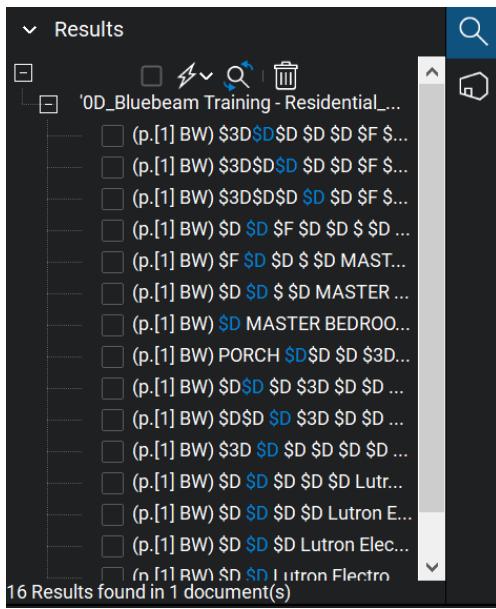


## Tips and Tricks (continued)

### Searching PDF Drawings (continued)

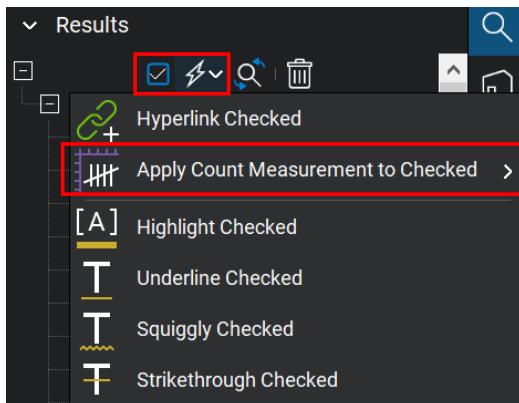
#### Text Search (continued)

5. The results will appear under the Results section.



#### Text Search Results

Text Search results will appear under the Results section. The searched symbol or text element will be highlighted in blue. Click on a result to locate on the PDF drawing. On the Results toolbar, select the Select All, to select all found items at once. Then click on the Actions icon to choose a command for all selected items. Click Apply Count Measurement to Checked, then select the product or symbol from the menu that appears to be stamped onto the PDF drawing.



My Tools	Subject	Label
QSX	HQP7-2	HomeWorks QSX
CCX	HQR7-RF	Clear Connect Gal...
HQR	HQR-REP-120	HomeWorks Hyb...
HQRD	HQRD-PRO-WH	HomeWorks RF D...
HQRD	HQRD-RD-WH	HomeWorks RF D...
HQRD	HQRD-8ANS-WH	HomeWorks RF D...
HQRD	HQRD-2ANF-WH	HomeWorks RF D...
HQRD	HQRD-H4S-WH	HomeWorks Desi...
<b>HW System Equipment</b>		
QSX	HQP7-1	HomeWorks QSX
QSX	HQP7-2	HomeWorks QSX
CCX	HQP7-RF	Clear Connect Gal...
HQR	HQR-REP-120	HomeWorks Hyb...
HQR	HQR-VRX-WH	HomeWorks Car...
<b>HW QS Interfaces</b>		

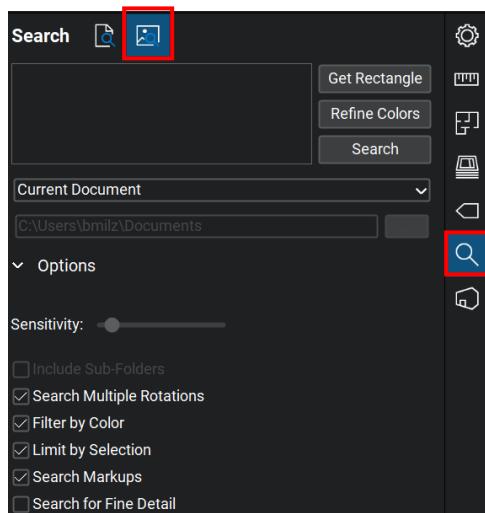
## Tips and Tricks (continued)

### Searching PDF Drawings (continued)

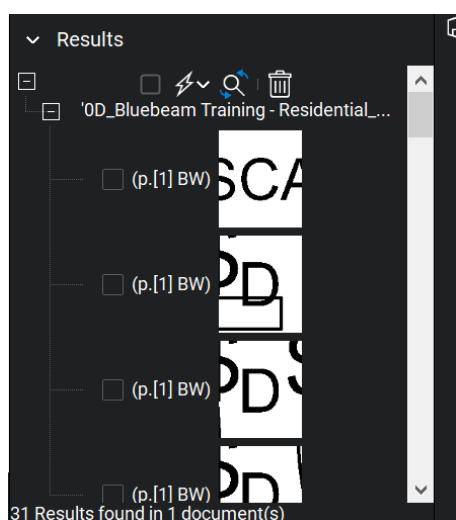
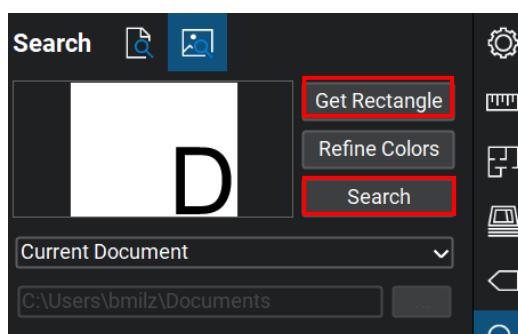
#### Visual Search

Searches for graphics within the PDF drawing.

1. Click on the Search icon on the right side of the screen.
2. Select Visual Search.



3. Click Get Rectangle, then click and drag a rectangle over the symbol or image to be searched.
4. Click Search and the results will appear under the Results section.

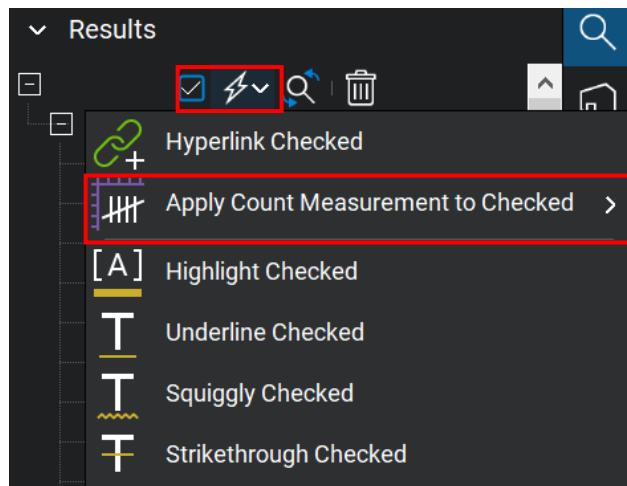


## Tips and Tricks (continued)

### Searching PDF Drawings (continued)

#### Visual Search Results

Visual Search results will appear under the Results section. The symbol or image will show along with the area around it in the Results section. Click on a result to locate on the PDF drawing. On the Results toolbar, select the Select All, to select all found items at once. Then click on the Actions icon to choose a command for all selected items. Click Apply Count Measurement to Checked, then select the product or symbol from the menu that appears to be stamped onto the PDF drawing.



My Tools		
Subject	Label	
QSX 1	HQP7-2	HomeWorks QSX
CCX	HQP7-RF	Clear Connect Gal
HQ REP	HQR-REP-120	HomeWorks Hyb
HQ-REP	HQRD-PRO-WH	HomeWorks RF D
HQ-D	HQD-RD-WH	HomeWorks RF D
HQ-D	HQRD-8ANS-WH	HomeWorks RF D
HQ-D	HQRD-2ANF-WH	HomeWorks RF D
HQ-D	HQRD-H4S-WH	HomeWorks Desi
HW System Equipment		
Subject	Label	
QSX 1	HQP7-1	HomeWorks QSX
CCX	HQP7-2	HomeWorks QSX
HQ REP	HQP7-RF	Clear Connect Gal
HQ VCRX	HQR-REP-120	HomeWorks Hyb
	HQR-VCRX-WH	HomeWorks Car
HW QS Interfaces		
Subject	Label	

## Tips and Tricks (continued)

### Markups List

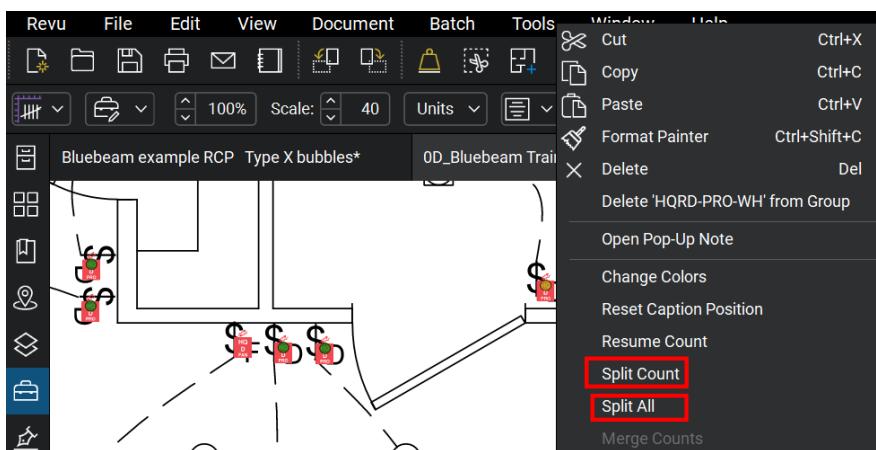
#### Splitting or Merging Counts

Products can be split into smaller groups by room or by space or merged into larger groups.

#### Split Counts

Product within rooms or spaces can be split in groups by selecting specific count measurements, or split into individual count measurements.

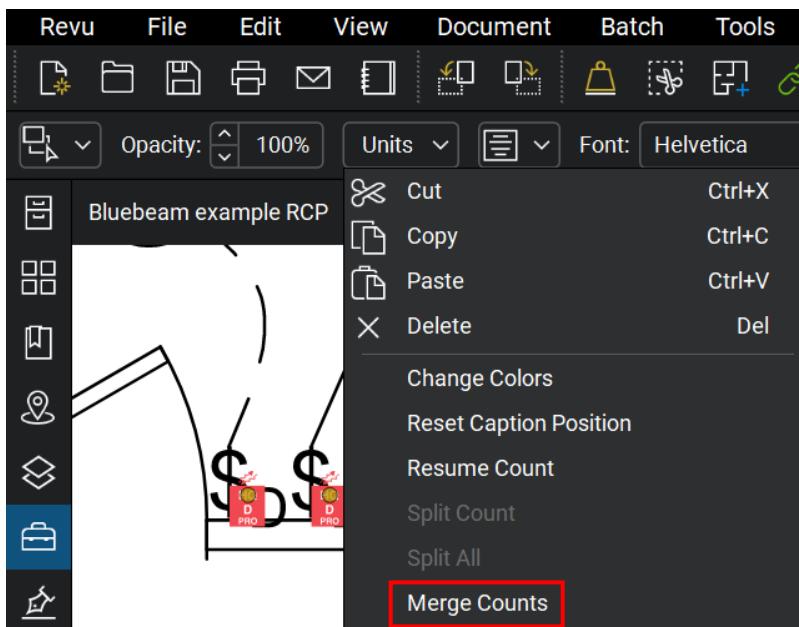
1. Right-click the selected product or symbol and select either:
  - a. Split Counts: Splits only selected product or symbol on the PDF drawing.
  - b. Split All: Splits all the products or symbols into individual groups or line items.



#### Merging Counts

Products or count measurements can be combined into a singular group.

1. Right-click the selected product on the PDF drawing and select Merge Counts.



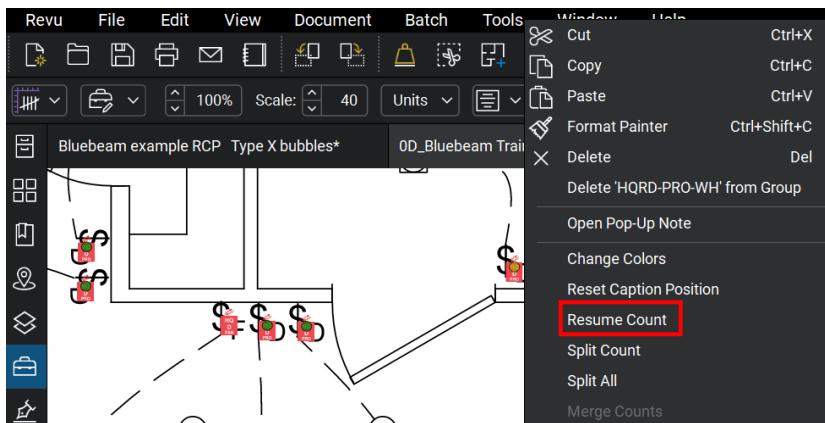
## Tips and Tricks (continued)

### Markups List (continued)

#### Resuming Counts

When a set of products is placed on the floorplan, beginning a new count will create a new line item. Resuming count will allow for the same product to be continually stamped within the original line item or count measurement.

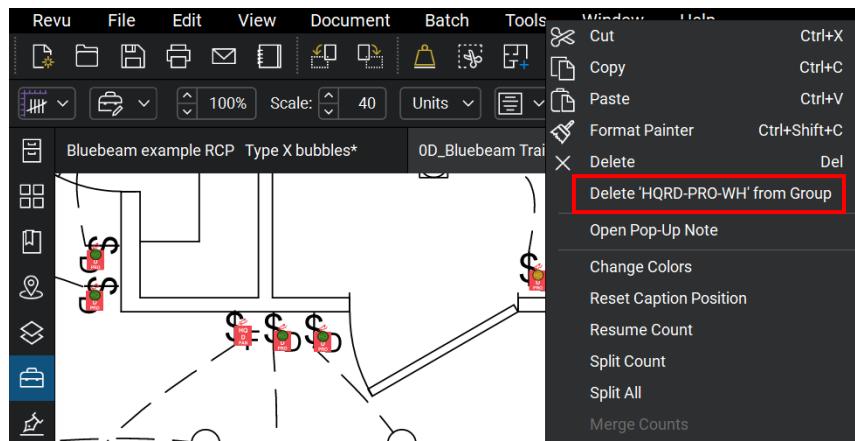
1. Right-click on any of the products on the PDF drawing and select Resume Count.



#### Deleting a Group

Product or count measurements can be removed from a group.

1. Right-click on the product within the PDF drawing you would like to remove.
2. Select Delete “product name” from Group.



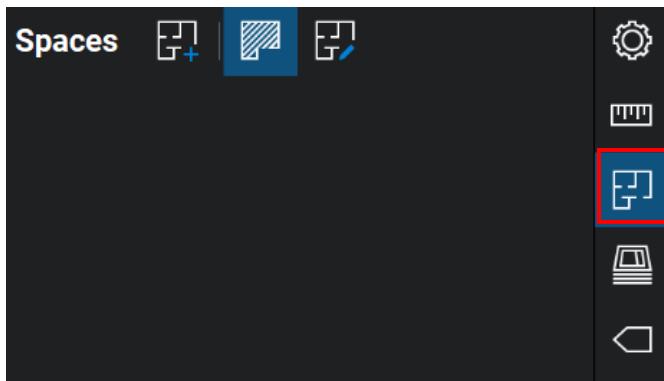
## Tips and Tricks (continued)

### Spaces

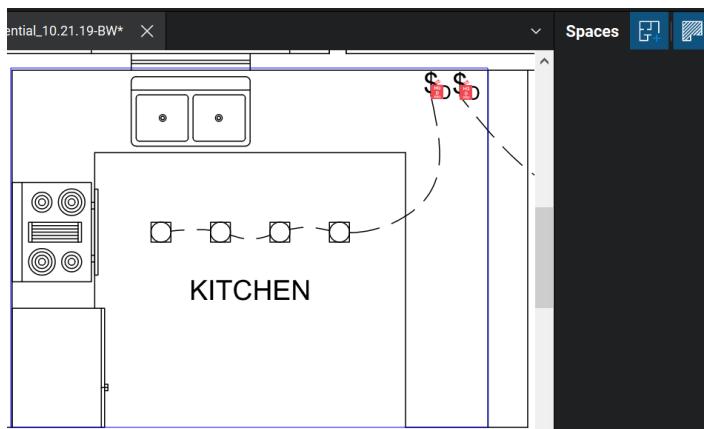
Designed to create a more efficient organized markups list. By setting up your PDF drawing with spaces, you will be able to find, filter, and report the stamped product more effectively. With spaces you can designate room within a drawing on an invisible layer.

#### Add a Space

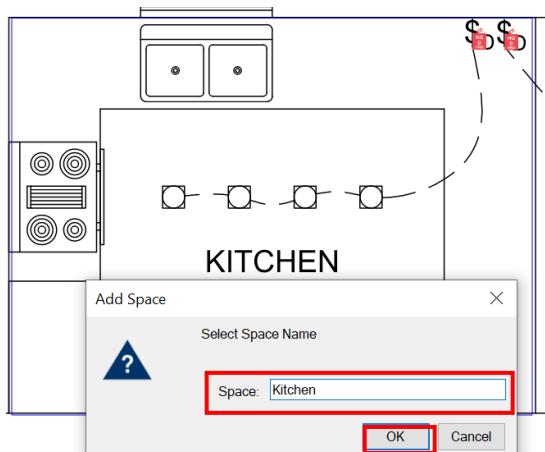
1. On the Spaces tab, click Add Space.



2. Click and drag a rectangle over the space.



3. In the dialog box, enter a name for the space and click OK.

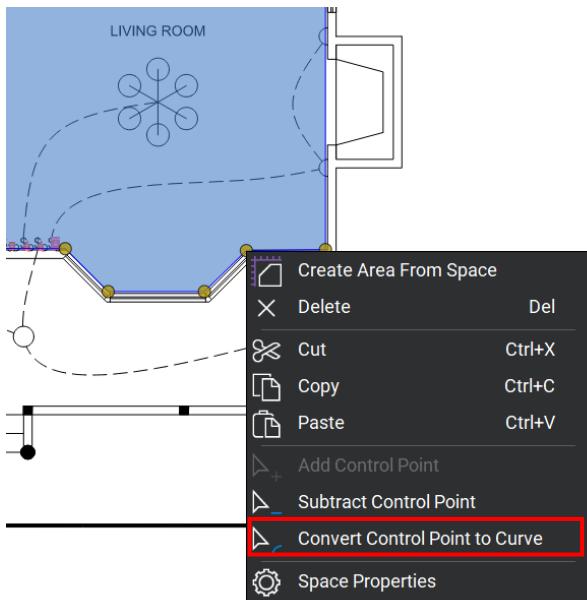


## Tips and Tricks (continued)

### Spaces (continued)

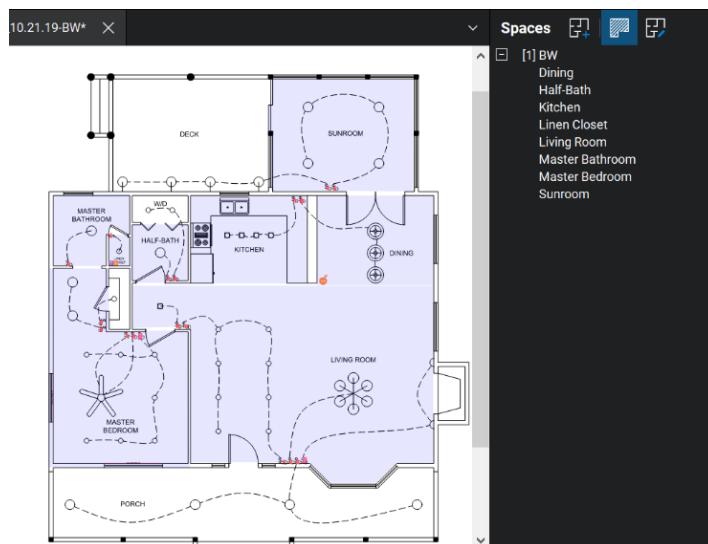
#### Adding a Space with Curved Walls

1. On the Spaces tab, click Add Space.
2. Click and drag a rectangle over the space and click OK.
3. Select the space from the space tab and the space will enter Edit Space mode.
4. Right-click the point closest to the desired curve and click Convert Control Point to Curve.
5. Click and drag the highlighted points to change the shape of desired curve.



#### Adding an Irregularly Shaped Space

1. On the Spaces tab, click Add Space.
2. Click once on a corner of the space.
3. Click again on each corner until the outline is completed.
4. Press enter to finish defining the space.
5. In the dialog box, enter a name for the space and click OK.



## Tips and Tricks (continued)

### Count Measurements Properties

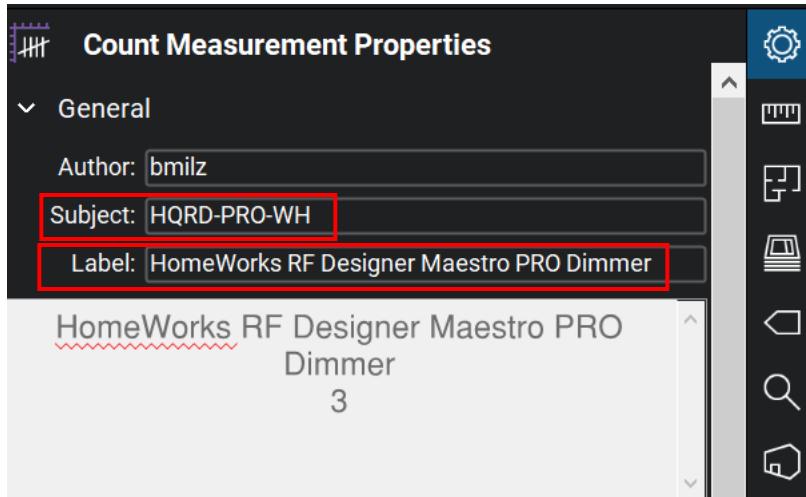
#### General

Shows the properties of the selected product or symbol on the PDF drawing. Each product or symbol, under the General section, includes a Subject and Label property.

**Note:** The Product and Label columns are needed to export into myProjects.

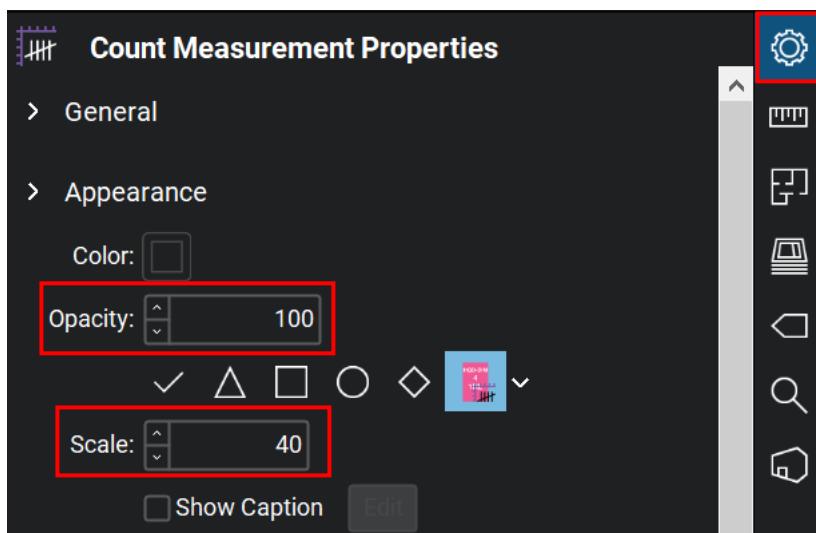
**Subject:** Defines the model number of the selected product or symbol on the PDF drawing. The Subject appears in the markups list under Product.

**Label:** Defines the full product name selected and appears on the Markups list as Label.



#### Appearance

1. To change the appearance, click on the desired product or symbol.
2. Click on the Properties icon on the right side of the screen.
3. Under appearance:
  - a. **Opacity:** Sets the opacity of the product or symbol – invisible or opaque (example: stamping a faceplate over a dimmer).
  - b. **Scale:** Sets the size of the product or symbol.



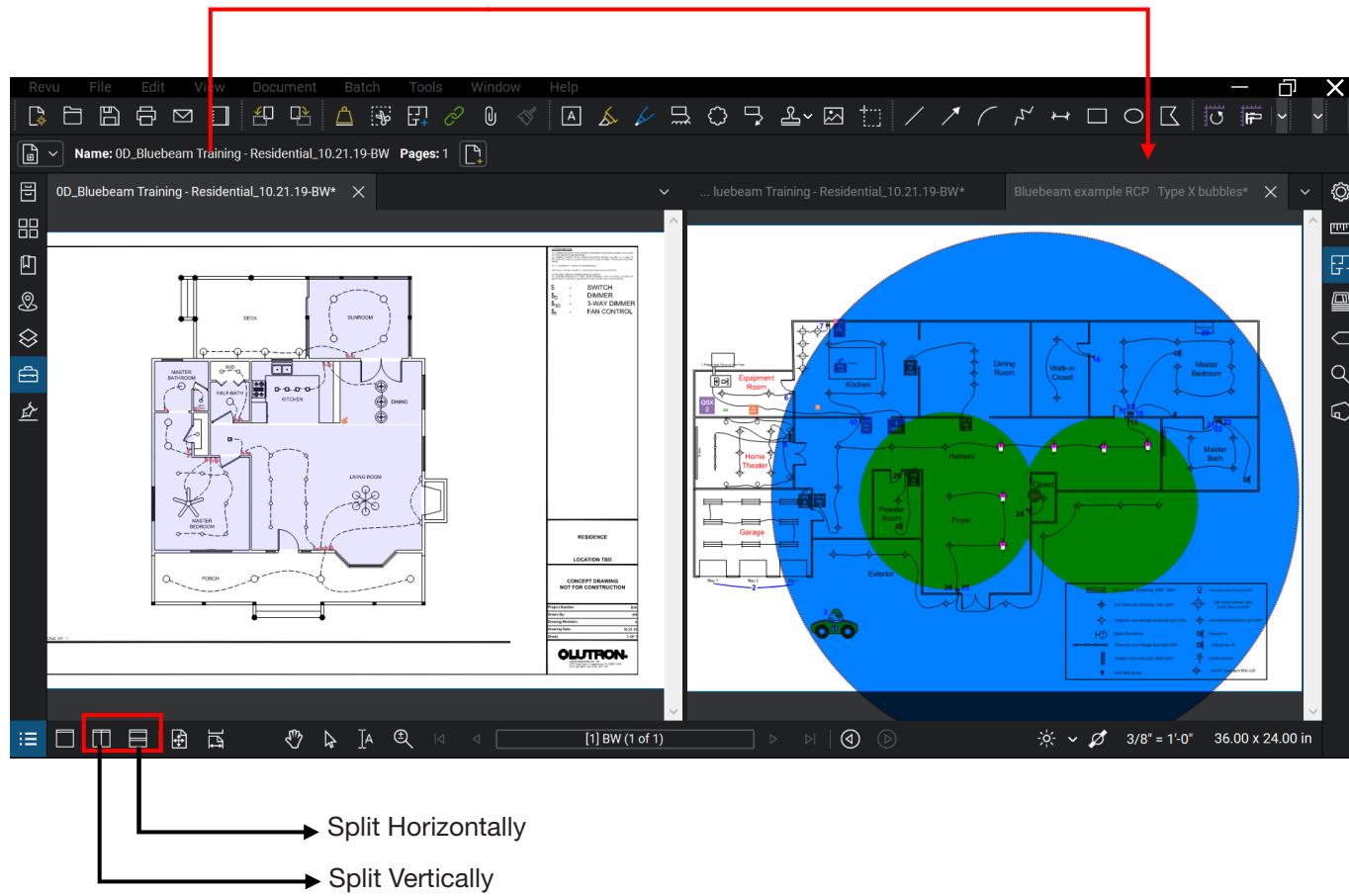
## **Tips and Tricks (continued)**

## Count Measurements Properties (continued)

## Split Screens

Helps divide the PDF drawing into two vertical or horizontal screens. This allows for different drawings or different areas on a drawing to be seen on the same screen. These split screen options can be found on the navigation tab above the Markups List.

To move one PDF drawing to the other split screen, click and drag to the chosen split.



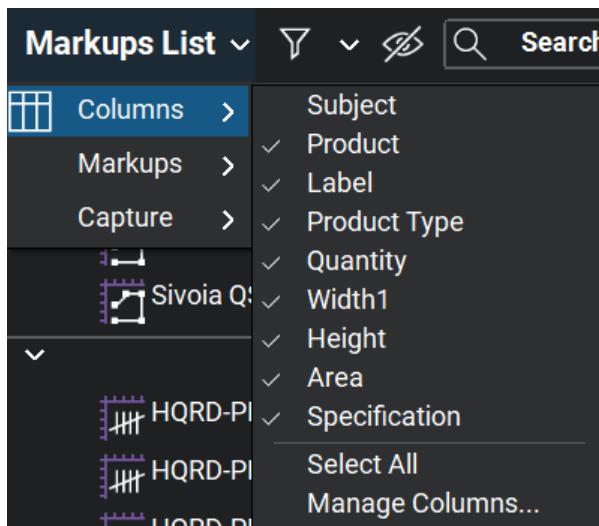
## Export to .CSV File

### Markups List

As you place Lutron products or symbols onto a PDF drawing, it begins to create a bill of materials within the Markups List, which can then be exported as a .CSV file.

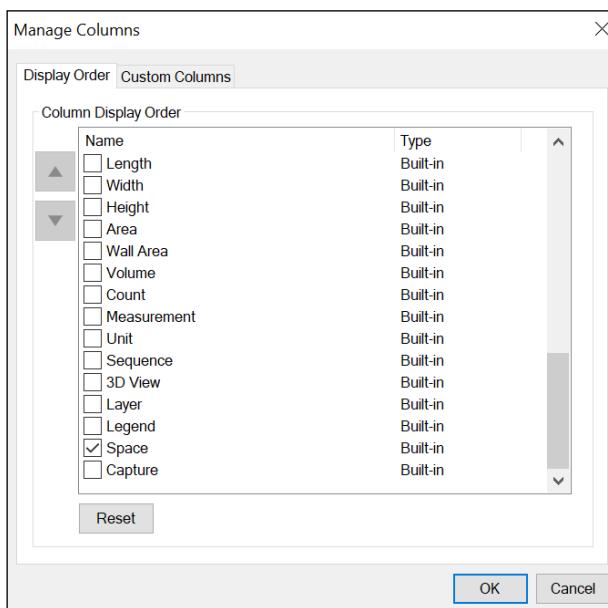
Below is a list of step-by-step instructions on how to successfully export a bill of materials into a .CSV file.

1. Click the drop down under Markups List and click Columns.
2. Under Columns, select Manage Columns.



3. OPTIONAL: To display the Spaces column, click on the built-in Space and click OK.

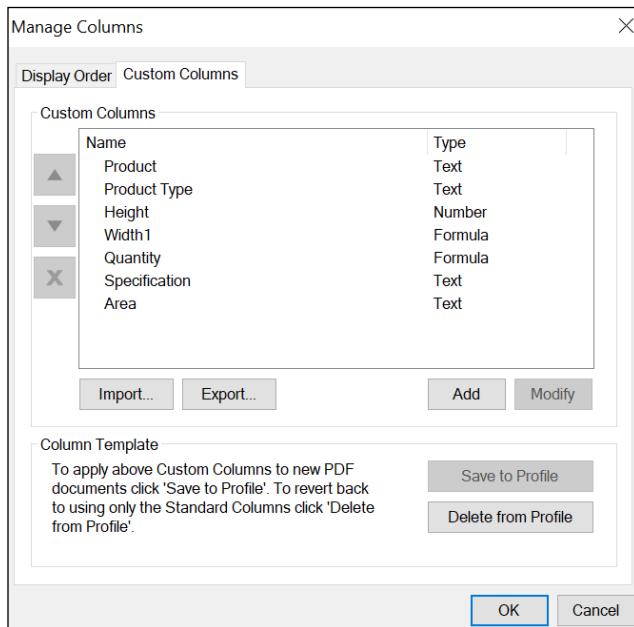
**Note:** This can help with organization of products or symbols within an area and can eliminate manual time within the .CSV file.



## Export to .CSV File

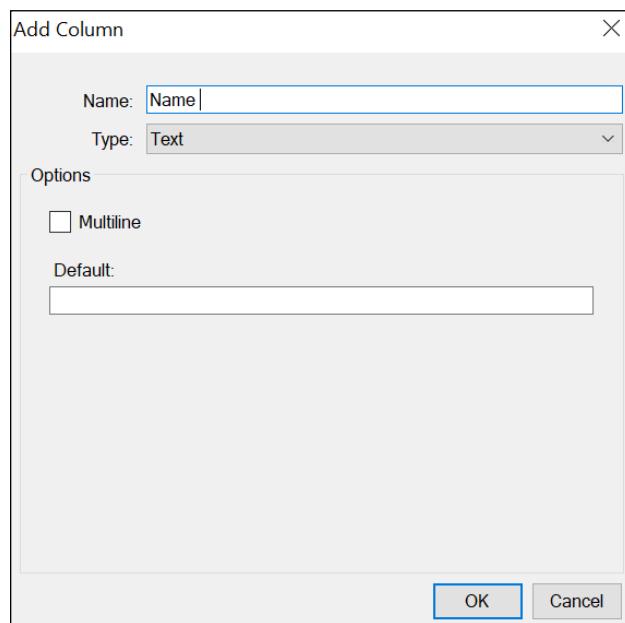
### Markups List (continued)

4. To add a custom column, select Custom Column and click Add.



5. Type the column title desired under Name and click OK.

**Note:** A Name column is needed for myProjects to successfully read the product or symbols stamped on the PDF drawing.

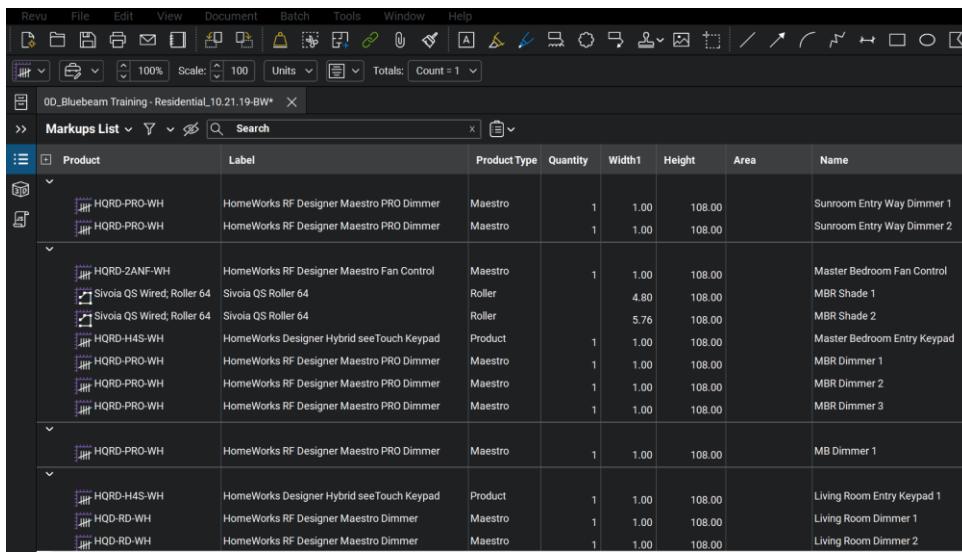


## Export to .CSV File

### Markups List (continued)

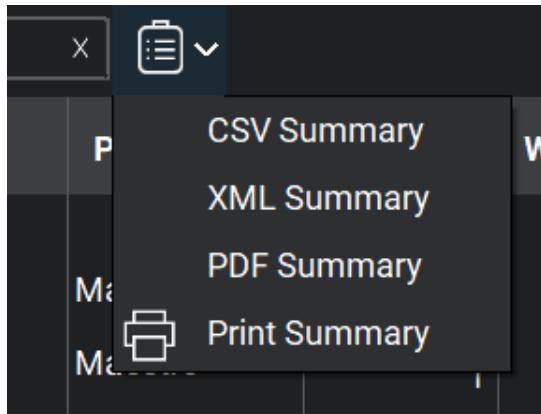
6. The Name column will appear within the Markups List. The Name column can be filled out within Bluebeam or can be entered within the .CSV file.

**Note: Name is the Control Location and should be unique for each product or symbol.**



Product	Label	Product Type	Quantity	Width	Height	Area	Name
HQRD-PRO-WH	HomeWorks RF Designer Maestro PRO Dimmer	Maestro	1	1.00	108.00		Sunroom Entry Way Dimmer 1
HQRD-PRO-WH	HomeWorks RF Designer Maestro PRO Dimmer	Maestro	1	1.00	108.00		Sunroom Entry Way Dimmer 2
HQRD-2ANF-WH	HomeWorks RF Designer Maestro Fan Control	Maestro	1	1.00	108.00		Master Bedroom Fan Control
Sivoia QS Wired; Roller 64	Sivoia QS Roller 64	Roller	4.80	108.00			MBR Shade 1
Sivoia QS Wired; Roller 64	Sivoia QS Roller 64	Roller	5.76	108.00			MBR Shade 2
HQRD-HAS-WH	HomeWorks Designer Hybrid seeTouch Keypad	Product	1	1.00	108.00		Master Bedroom Entry Keypad
HQRD-PRO-WH	HomeWorks RF Designer Maestro PRO Dimmer	Maestro	1	1.00	108.00		MBR Dimmer 1
HQRD-PRO-WH	HomeWorks RF Designer Maestro PRO Dimmer	Maestro	1	1.00	108.00		MBR Dimmer 2
HQRD-PRO-WH	HomeWorks RF Designer Maestro PRO Dimmer	Maestro	1	1.00	108.00		MBR Dimmer 3
HQRD-PRO-WH	HomeWorks RF Designer Maestro PRO Dimmer	Maestro	1	1.00	108.00		MB Dimmer 1
HQRD-H4S-WH	HomeWorks Designer Hybrid seeTouch Keypad	Product	1	1.00	108.00		Living Room Entry Keypad 1
HQRD-RD-WH	HomeWorks RF Designer Maestro Dimmer	Maestro	1	1.00	108.00		Living Room Dimmer 1
HQRD-RD-WH	HomeWorks RF Designer Maestro Dimmer	Maestro	1	1.00	108.00		Living Room Dimmer 2

7. On the Markups List, click on the Summary Tab, and select CSV Summary.



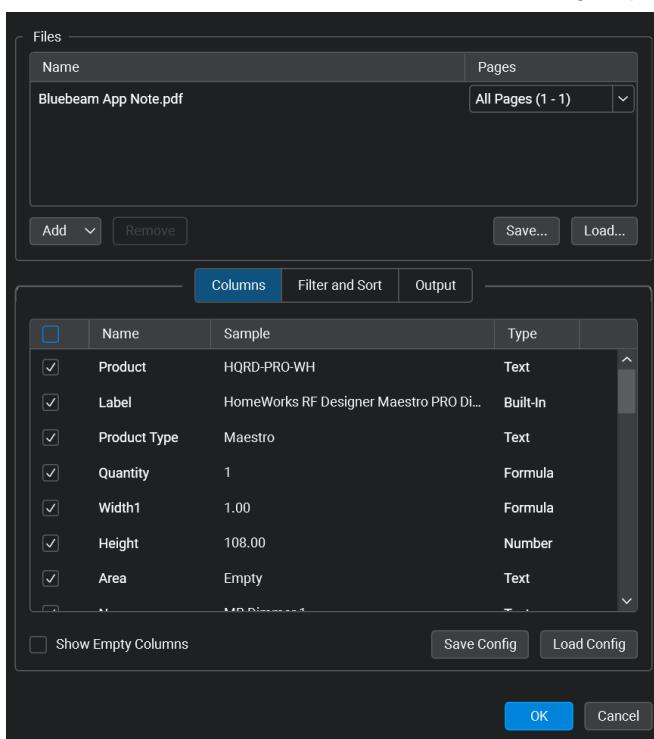
## Export to .CSV File

### Markups List (continued)

8. Once CSV Summary is selected, the following dialog box will appear. Under Columns, double check the following columns are selected before clicking OK.

- Name (if created within Custom Columns in Bluebeam)
- Product
- Product Type
- Quantity
- Width1
- Height
- Area
- Spaces (if used to help with organization of areas within the PDF drawing)

**Note:** The above are REQUIRED to successfully import into myProjects.



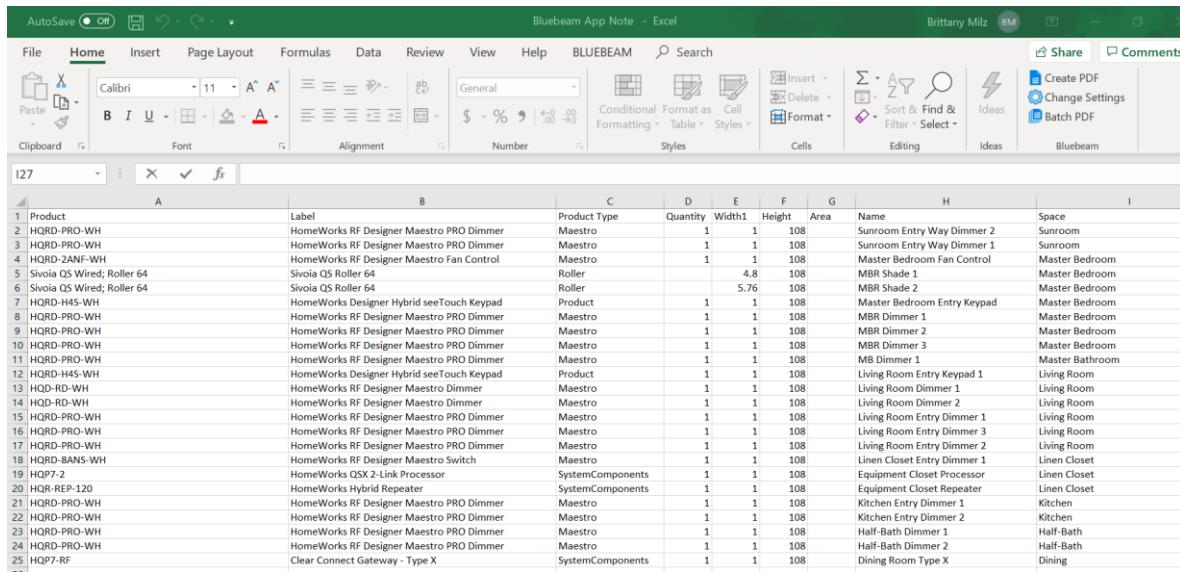
## Import to myProjects

### .CSV Parameters

With some slight modifications, the .CSV file from Bluebeam can then be imported into myProjects where further edits, additional devices, and a bill of material can be made.

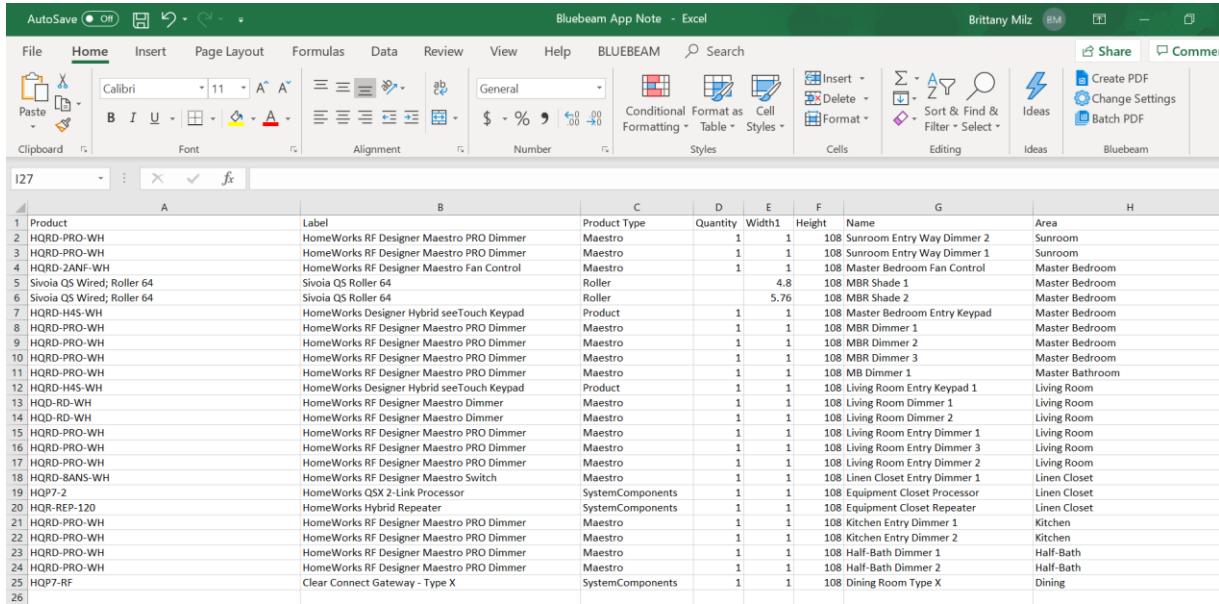
Below is a list of step-by-step instructions on how to successfully import to myProjects.

1. An Excel document will populate the following information. A Name column was created in Bluebeam as well as Spaces was selected to import.



Product	Label	Product Type	Quantity	Width1	Height	Area	Name	Space
1 HQRD-PRO-WH	HomeWorks RF Designer Maestro PRO Dimmer	Maestro	1	1	108	Sunroom	Entry Way Dimmer 2	Sunroom
2 HQRD-PRO-WH	HomeWorks RF Designer Maestro PRO Dimmer	Maestro	1	1	108	Sunroom	Entry Way Dimmer 1	Sunroom
4 HQRD-ZANF-WH	HomeWorks RF Designer Maestro Fan Control	Maestro	1	1	108	Master Bedroom	Master Bedroom Fan Control	Master Bedroom
5 Sivoia QS Wired; Roller 64	Sivoia QS Roller 64	Roller		4.8	108	Master Bedroom	MBR Shade 1	Master Bedroom
6 Sivoia QS Wired; Roller 64	Sivoia QS Roller 64	Roller		5.76	108	Master Bedroom	MBR Shade 2	Master Bedroom
7 HQRD-H45-WH	HomeWorks Designer seeTouch Keypad	Product	1	1	108	Master Bedroom	Entry Keypad	Master Bedroom
8 HQRD-PRO-WH	HomeWorks RF Designer Maestro PRO Dimmer	Maestro	1	1	108	Master Bedroom	MBR Dimmer 1	Master Bedroom
9 HQRD-PRO-WH	HomeWorks RF Designer Maestro PRO Dimmer	Maestro	1	1	108	Master Bedroom	MBR Dimmer 2	Master Bedroom
10 HQRD-PRO-WH	HomeWorks RF Designer Maestro PRO Dimmer	Maestro	1	1	108	Master Bedroom	MBR Dimmer 3	Master Bedroom
11 HQRD-PRO-WH	HomeWorks RF Designer Maestro PRO Dimmer	Maestro	1	1	108	Master Bedroom	MB Dimmer 1	Master Bathroom
12 HQRD-H45-WH	HomeWorks Designer Hybrid seeTouch Keypad	Product	1	1	108	Living Room	Entry Keypad 1	Living Room
13 HQD-RD-WH	HomeWorks RF Designer Maestro Dimmer	Maestro	1	1	108	Living Room	Dimmer 1	Living Room
14 HQD-RD-WH	HomeWorks RF Designer Maestro Dimmer	Maestro	1	1	108	Living Room	Dimmer 2	Living Room
15 HQRD-PRO-WH	HomeWorks RF Designer Maestro PRO Dimmer	Maestro	1	1	108	Living Room	Entry Dimmer 1	Living Room
16 HQRD-PRO-WH	HomeWorks RF Designer Maestro PRO Dimmer	Maestro	1	1	108	Living Room	Entry Dimmer 2	Living Room
17 HQRD-PRO-WH	HomeWorks RF Designer Maestro PRO Dimmer	Maestro	1	1	108	Living Room	Entry Dimmer 3	Living Room
18 HQRD-BANS-WH	HomeWorks RF Designer Maestro Switch	Maestro	1	1	108	Living Room	Entry Dimmer 2	Living Room
19 HQP7-2	HomeWorks QS2-Z Link Processor	SystemComponents	1	1	108	Linen Closet	Entry Dimmer 1	Linen Closet
20 HQR-REP-120	HomeWorks Hybrid Repeater	SystemComponents	1	1	108	Linen Closet	Processor	Linen Closet
21 HQRD-PRO-WH	HomeWorks RF Designer Maestro PRO Dimmer	Maestro	1	1	108	Kitchen	Entry Dimmer 1	Kitchen
22 HQRD-PRO-WH	HomeWorks RF Designer Maestro PRO Dimmer	Maestro	1	1	108	Kitchen	Dimmer 1	Kitchen
23 HQRD-PRO-WH	HomeWorks RF Designer Maestro PRO Dimmer	Maestro	1	1	108	Half-Bath	Dimmer 1	Half-Bath
24 HQRD-PRO-WH	HomeWorks RF Designer Maestro PRO Dimmer	Maestro	1	1	108	Half-Bath	Dimmer 2	Half-Bath
25 HQP7-RF	Clear Connect Gateway - Type X	SystemComponents	1	1	108	Dining	Type X	Dining

2. Since Spaces was selected in Bluebeam, myProjects will not properly read the column header. In Excel, delete the original Area column and change Spaces to Area. This will eliminate manually re-entering the Area of the stamped product or symbol on the PDF drawing.



Product	Label	Product Type	Quantity	Width1	Height	Name	Area
1 HQRD-PRO-WH	HomeWorks RF Designer Maestro PRO Dimmer	Maestro	1	1	108	Sunroom	Sunroom
2 HQRD-PRO-WH	HomeWorks RF Designer Maestro PRO Dimmer	Maestro	1	1	108	Sunroom	Entry Way Dimmer 1
4 HQRD-ZANF-WH	HomeWorks RF Designer Maestro Fan Control	Maestro	1	1	108	Master Bedroom	Master Bedroom Fan Control
5 Sivoia QS Wired; Roller 64	Sivoia QS Roller 64	Roller		4.8	108	Master Bedroom	MBR Shade 1
6 Sivoia QS Wired; Roller 64	Sivoia QS Roller 64	Roller		5.76	108	Master Bedroom	MBR Shade 2
7 HQRD-H45-WH	HomeWorks Designer seeTouch Keypad	Product	1	1	108	Master Bedroom	Entry Keypad 1
8 HQRD-PRO-WH	HomeWorks RF Designer Maestro PRO Dimmer	Maestro	1	1	108	Master Bedroom	MBR Dimmer 1
9 HQRD-PRO-WH	HomeWorks RF Designer Maestro PRO Dimmer	Maestro	1	1	108	Master Bedroom	MBR Dimmer 2
10 HQRD-PRO-WH	HomeWorks RF Designer Maestro PRO Dimmer	Maestro	1	1	108	Master Bedroom	MBR Dimmer 3
11 HQRD-PRO-WH	HomeWorks RF Designer Maestro PRO Dimmer	Maestro	1	1	108	Master Bedroom	MB Dimmer 1
12 HQRD-H45-WH	HomeWorks Designer Hybrid seeTouch Keypad	Product	1	1	108	Living Room	Entry Keypad 1
13 HQD-RD-WH	HomeWorks RF Designer Maestro Dimmer	Maestro	1	1	108	Living Room	Dimmer 1
14 HQD-RD-WH	HomeWorks RF Designer Maestro Dimmer	Maestro	1	1	108	Living Room	Dimmer 2
15 HQRD-PRO-WH	HomeWorks RF Designer Maestro PRO Dimmer	Maestro	1	1	108	Living Room	Entry Dimmer 1
16 HQRD-PRO-WH	HomeWorks RF Designer Maestro PRO Dimmer	Maestro	1	1	108	Living Room	Entry Dimmer 2
17 HQRD-PRO-WH	HomeWorks RF Designer Maestro PRO Dimmer	Maestro	1	1	108	Living Room	Entry Dimmer 3
18 HQRD-BANS-WH	HomeWorks RF Designer Maestro Switch	Maestro	1	1	108	Linen Closet	Entry Dimmer 1
19 HQP7-2	HomeWorks QS2-Z Link Processor	SystemComponents	1	1	108	Linen Closet	Processor
20 HQR-REP-120	HomeWorks Hybrid Repeater	SystemComponents	1	1	108	Linen Closet	Repeater
21 HQRD-PRO-WH	HomeWorks RF Designer Maestro PRO Dimmer	Maestro	1	1	108	Kitchen	Entry Dimmer 1
22 HQRD-PRO-WH	HomeWorks RF Designer Maestro PRO Dimmer	Maestro	1	1	108	Kitchen	Dimmer 1
23 HQRD-PRO-WH	HomeWorks RF Designer Maestro PRO Dimmer	Maestro	1	1	108	Half-Bath	Dimmer 1
24 HQRD-PRO-WH	HomeWorks RF Designer Maestro PRO Dimmer	Maestro	1	1	108	Half-Bath	Dimmer 2
25 HQP7-RF	Clear Connect Gateway - Type X	SystemComponents	1	1	108	Dining	Type X

## Import to myProjects (continued)

### .CSV Parameters (continued)

3. If a Name column was not generated in Bluebeam, a column within Excel will need to be created and manually filled in before importing to myProjects.

**Note: Name is the Control Location and should be unique for each product or symbol.**

1	Name	Product	Label	Product Type	Quantity	Width1	Height	Area
2	HQRD-PRO-WH	HomeWorks RF Designer Maestro PRO Dimmer	Maestro	1	1	108	108	Sunroom
3	HQRD-PRO-WH	HomeWorks RF Designer Maestro PRO Dimmer	Maestro	1	1	108	108	Sunroom
4	HQRD-2ANF-WH	HomeWorks RF Designer Maestro Fan Control	Maestro	1	1	108	108	Master Bedroom
5	Sivoia QS Wired; Roller 64	Sivoia QS Roller 64	Roller		4.8	108	108	Master Bedroom
6	Sivoia QS Wired; Roller 64	Sivoia QS Roller 64	Roller		5.76	108	108	Master Bedroom
7	HQRD-H45-WH	HomeWorks Designer Hybrid seeTouch Keypad	Product	1	1	108	108	Master Bedroom
8	HQRD-PRO-WH	HomeWorks RF Designer Maestro PRO Dimmer	Maestro	1	1	108	108	Master Bedroom
9	HQRD-PRO-WH	HomeWorks RF Designer Maestro PRO Dimmer	Maestro	1	1	108	108	Master Bedroom
10	HQRD-PRO-WH	HomeWorks RF Designer Maestro PRO Dimmer	Maestro	1	1	108	108	Master Bedroom
11	HQRD-PRO-WH	HomeWorks RF Designer Maestro PRO Dimmer	Maestro	1	1	108	108	Master Bedroom
12	HQRD-H45-WH	HomeWorks Designer Hybrid seeTouch Keypad	Product	1	1	108	108	Living Room
13	HOD-RO-WH	HomeWorks RF Designer Maestro Dimmer	Maestro	1	1	108	108	Living Room
14	HOD-RO-WH	HomeWorks RF Designer Maestro Dimmer	Maestro	1	1	108	108	Living Room
15	HQRD-PRO-WH	HomeWorks RF Designer Maestro PRO Dimmer	Maestro	1	1	108	108	Living Room
16	HQRD-PRO-WH	HomeWorks RF Designer Maestro PRO Dimmer	Maestro	1	1	108	108	Living Room
17	HQRD-PRO-WH	HomeWorks RF Designer Maestro PRO Dimmer	Maestro	1	1	108	108	Living Room
18	HQRD-8ANS-WH	HomeWorks RF Designer Maestro Switch	Maestro	1	1	108	108	Linen Closet
19	HQP7-2	HomeWorks QSX 2-Link Processor	SystemComponents	1	1	108	108	Linen Closet
20	HQR-REP-120	HomeWorks Hybrid Repeater	SystemComponents	1	1	108	108	Linen Closet
21	HQRD-PRO-WH	HomeWorks RF Designer Maestro PRO Dimmer	Maestro	1	1	108	108	Kitchen
22	HQRD-PRO-WH	HomeWorks RF Designer Maestro PRO Dimmer	Maestro	1	1	108	108	Kitchen
23	HQRD-PRO-WH	HomeWorks RF Designer Maestro PRO Dimmer	Maestro	1	1	108	108	Half-Bath
24	HQRD-PRO-WH	HomeWorks RF Designer Maestro PRO Dimmer	Maestro	1	1	108	108	Half-Bath
25	HQP7-RF	Clear Connect Gateway - Type X	SystemComponents	1	1	108	108	Dining

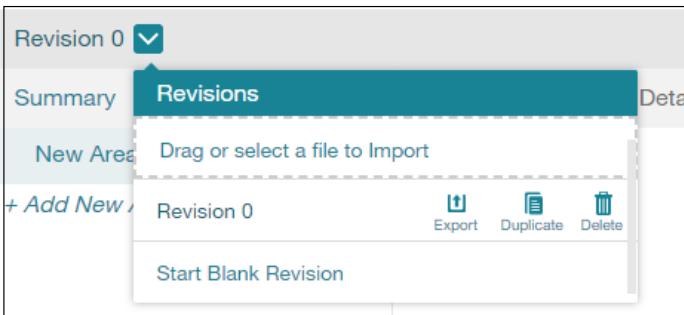
## Import to myProjects (continued)

### Adding a Project

1. After some slight modifications within the .CSV file, go to myLutron.com to access myProjects.
2. On myProjects, in the top right corner, click Add Project.



3. Once Add Project is selected, on the right-hand side of myProjects, click the drop down under Revisions.
4. In the Revisions dialog box, drag or select the .CSV file to import.

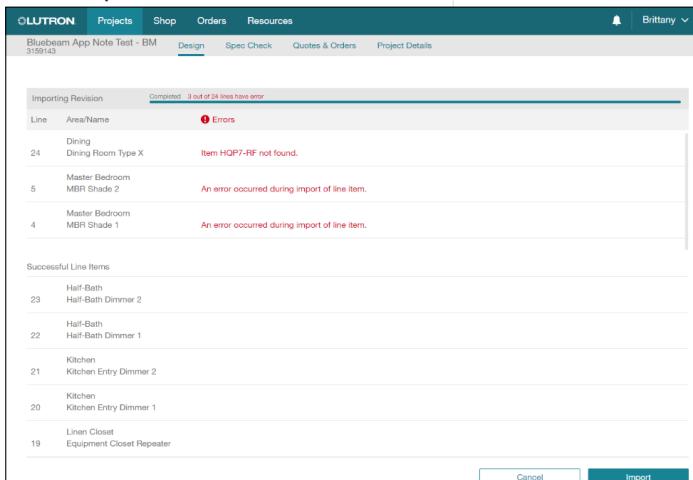


5. When the .CSV file is successfully imported, the items will appear under Successful Like Items.

**Note: The Errors that appear are non-configurable products. Those products include:**

- All shades except Sivoia QS Wired Roller 64
- All Ketra Fixtures
- Ivalo Finiré and Finiré Prime

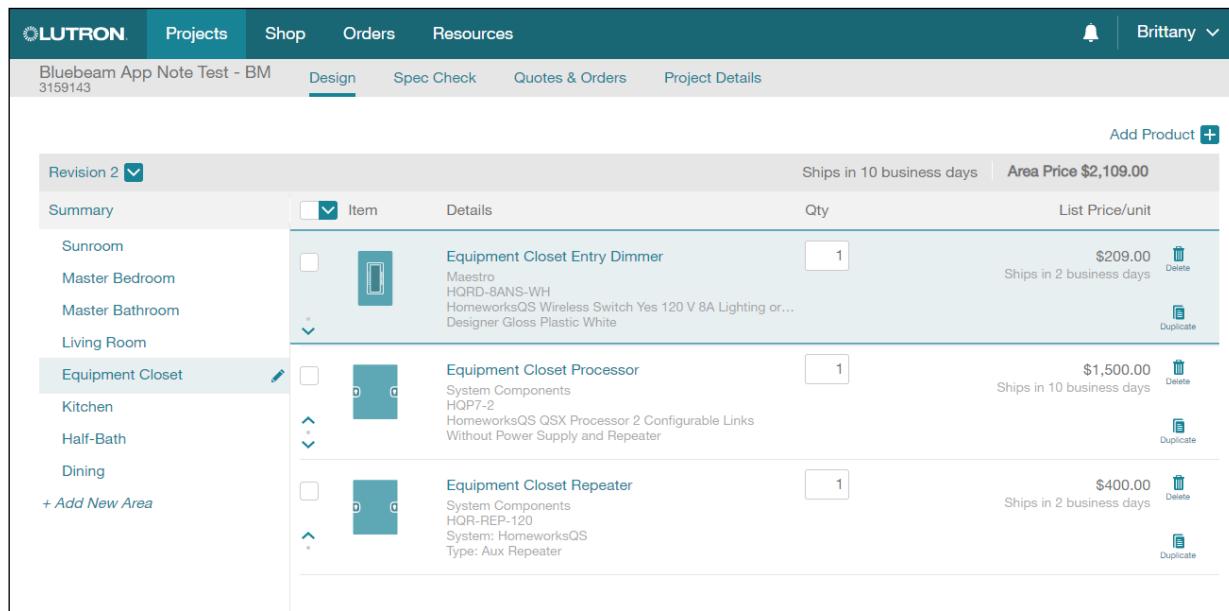
6. Click Import



## Import to myProjects (continued)

### Adding a Project (continued)

A bill of materials has been created based upon the stamped product or symbols in the PDF drawing along with the modifications made in the .CSV file. An area tree is generated based upon the Space/Area designated. The Name column gives the stamped product or symbol a label and can be edited within myProjects.



The screenshot shows the Lutron myProjects software interface. At the top, there are tabs for LUTRON, Projects, Shop, Orders, and Resources. The Projects tab is selected. The top right shows a user profile for Brittany. Below the tabs, the project name 'Bluebeam App Note Test - BM' and ID '3159143' are displayed. The main area is a table titled 'Revision 2' with a checked checkbox. The table has columns for 'Summary', 'Item', 'Details', 'Qty', and 'List Price/unit'. The 'Summary' column shows a tree structure with areas like Sunroom, Master Bedroom, Master Bathroom, Living Room, Equipment Closet (selected), Kitchen, Half-Bath, and Dining. The 'Item' column shows icons for each item. The 'Details' column provides product information. The 'Qty' column shows the quantity as 1. The 'List Price/unit' column shows prices like \$209.00, \$1,500.00, and \$400.00. The table also includes 'Ships in 10 business days' and 'Area Price \$2,109.00' headers. Action buttons for 'Delete' and 'Duplicate' are visible for each row.

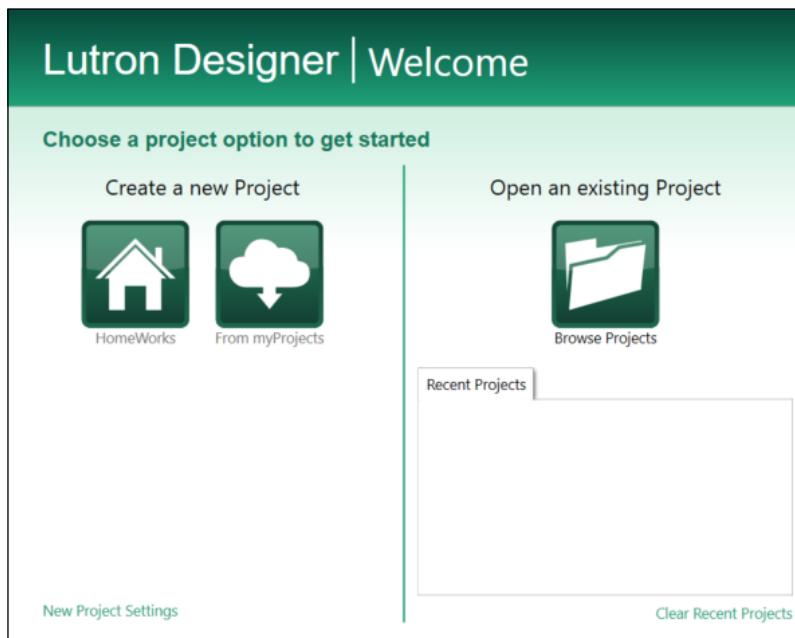
Summary	Item	Details	Qty	List Price/unit
Sunroom		Equipment Closet Entry Dimmer Maestro HQRD-8ANS-WH HomeworksQS Wireless Switch Yes 120 V 8A Lighting or... Designer Gloss Plastic White	1	\$209.00 Ships in 2 business days
Master Bedroom		Equipment Closet Processor System Components HQP7-2 HomeworksQS QSX Processor 2 Configurable Links Without Power Supply and Repeater	1	\$1,500.00 Ships in 10 business days
Master Bathroom		Equipment Closet Repeater System Components HQR-REP-120 System: HomeworksQS Type: Aux Repeater	1	\$400.00 Ships in 2 business days
Living Room				
Equipment Closet				
Kitchen				
Half-Bath				
Dining				
+ Add New Area				

## 16.0 HomeWorks Designer

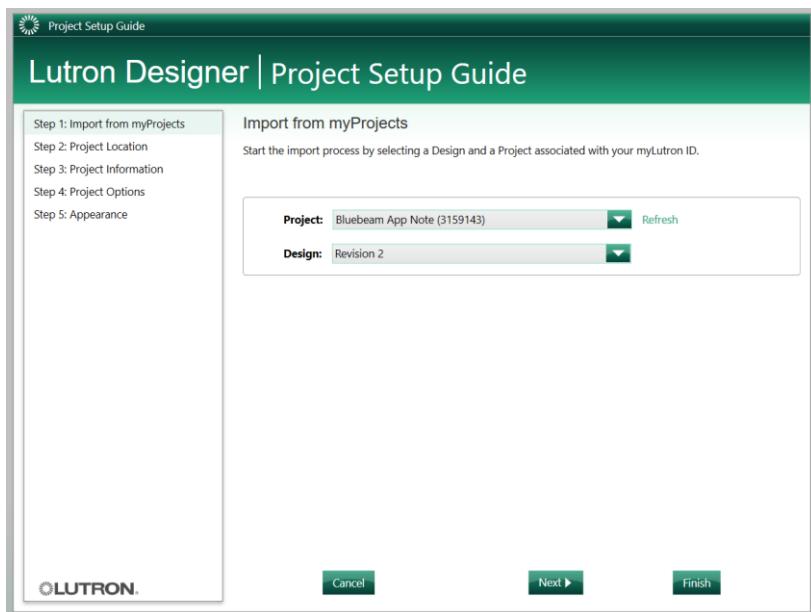
Once the design is finalized in the 16.0 HomeWorks programming software, myProjects designs can be imported and used to create the area tree and additional devices and equipment can be placed within the database. This helps reduce design time within HomeWorks Designer.

Below is a list of step-by-step instructions on how to successfully import to the 16.0 HomeWorks Designer software.

1. Open HomeWorks Lutron Designer.
2. Under Create a new Project, click From myProjects.

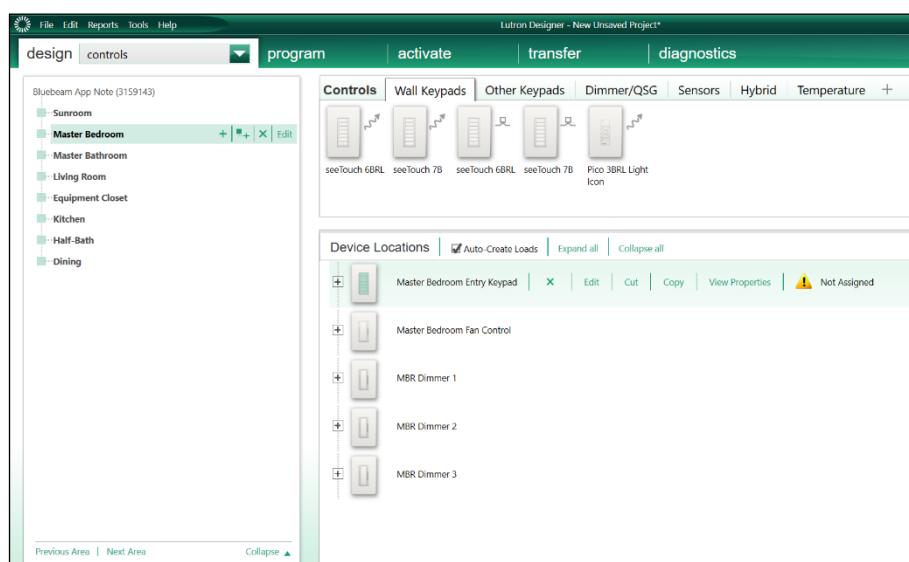


3. In Project Setup Guide – Import from myProjects, under Project, click the drop down and import the designated project.
4. Once the Project is selected, select the Design Revision.
5. Click Finish.



## 16.0 HomeWorks Designer (continued)

A project has now been successfully imported into the 16.0 HomeWorks Designer software.



## Additional Resources

To access Lutron Bluebeam Tool Chests:

[Lutron Bluebeam Tool Chests](#)

Lutron How-to YouTube Videos:

[Lutron Bluebeam – Residential Profiles](#)

[Lutron Bluebeam – Importing to myProjects](#)

[Lutron Bluebeam – Tips and Tricks](#)

How to Utilize Bluebeam Webinar:

[Bluebeam for Residential Accounts](#)

To access Bluebeam:

[Bluebeam \(30-day free trial\)](#)

Bluebeam How-to YouTube Videos:

[Bluebeam YouTube Channel](#)

Additional Support:

[Bluebeam Training Videos](#)

[Bluebeam Live Webinars/Additional Resources](#)

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