

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)
- Lutron myProjects
- 16.0 HomeWorks programming software
- Windows compatible/PC laptop

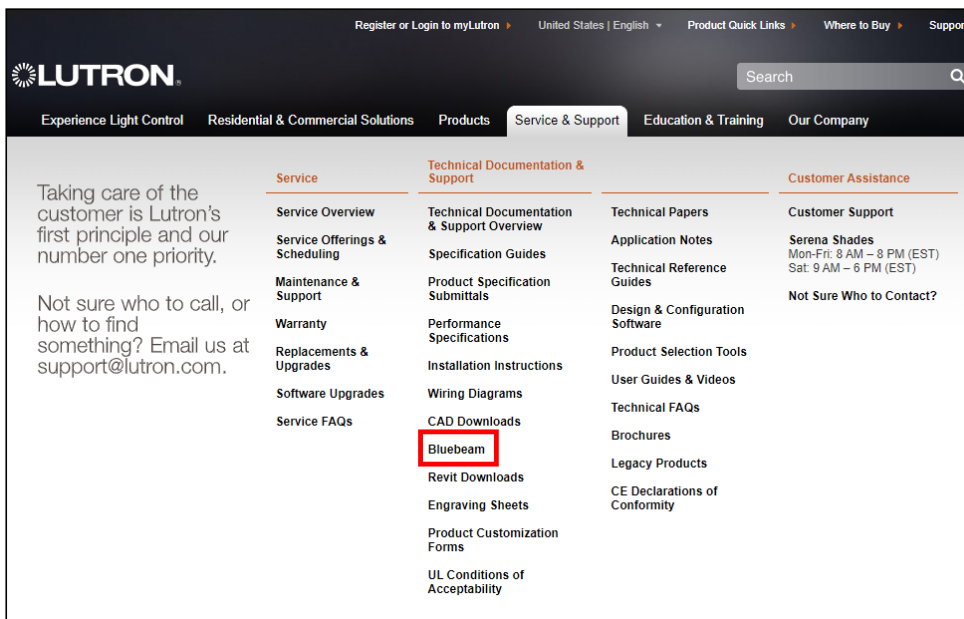
Download and Installation of Design Files

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

Tool Chests available on:

- Lutron.com/bluebeam
- Ketra.com/resources

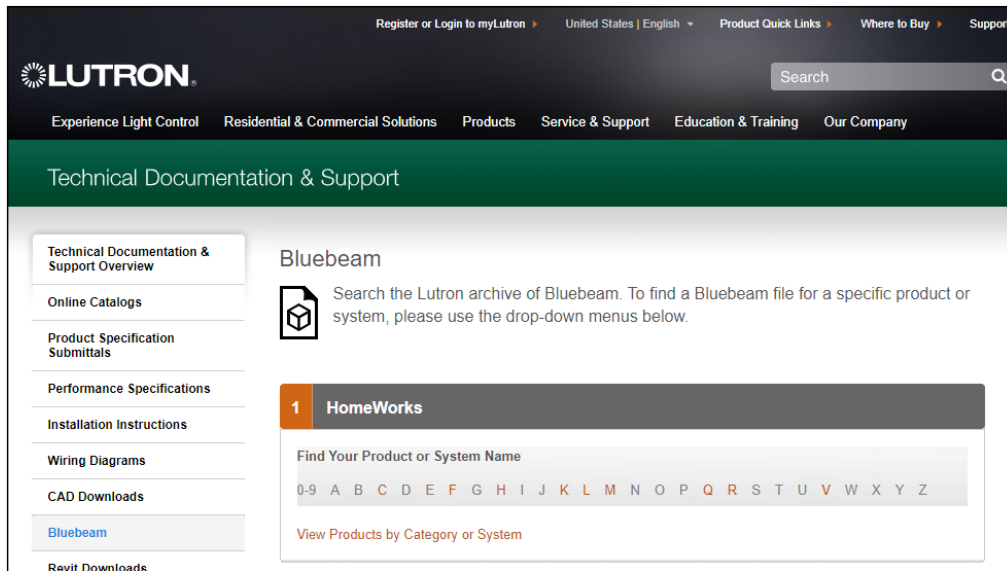
1. On Lutron.com, click on the Service & Support tab, then select Bluebeam under Technical Documentation & Support.



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.



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

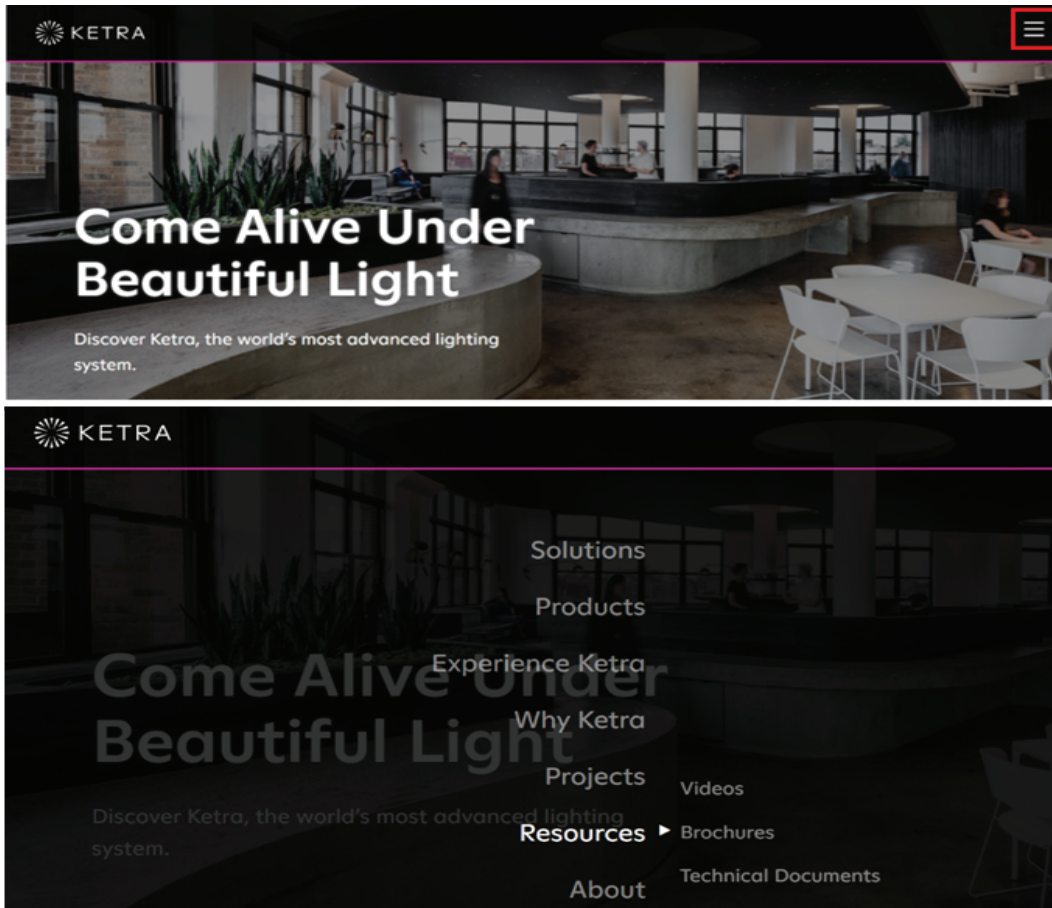
Product Description	Model	Document Title	Model Number	Voltage	Download(s)
HomeWorks - Bluebeam Design File 2018	All Models	HomeWorks - Bluebeam Design File 2018			English (.zip)
HomeWorks - Bluebeam Design File 2019	All Models	HomeWorks - Bluebeam Design File 2019			English (.zip)
HomeWorks + Ketra Type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

Lutron Design Files and Bluebeam Revu Overview (continued)

Download and Installation of Design Files (continued)

On www.ketra.com, follow the step-by-step download instructions below.

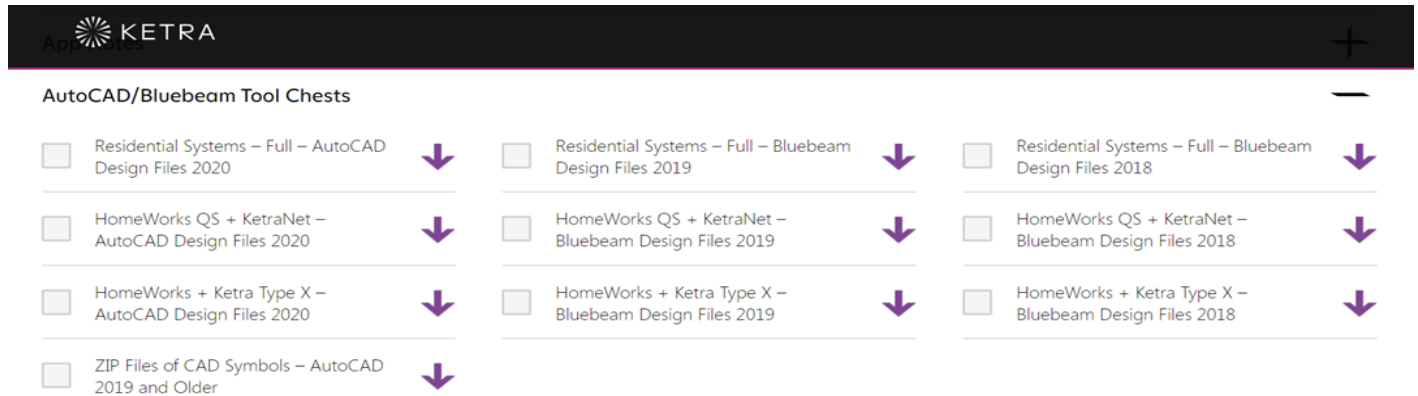
1. Click the drop down in the top right corner of the page. Click Resources and select Technical Documents.



Lutron Design Files and Bluebeam Revu Overview (continued)

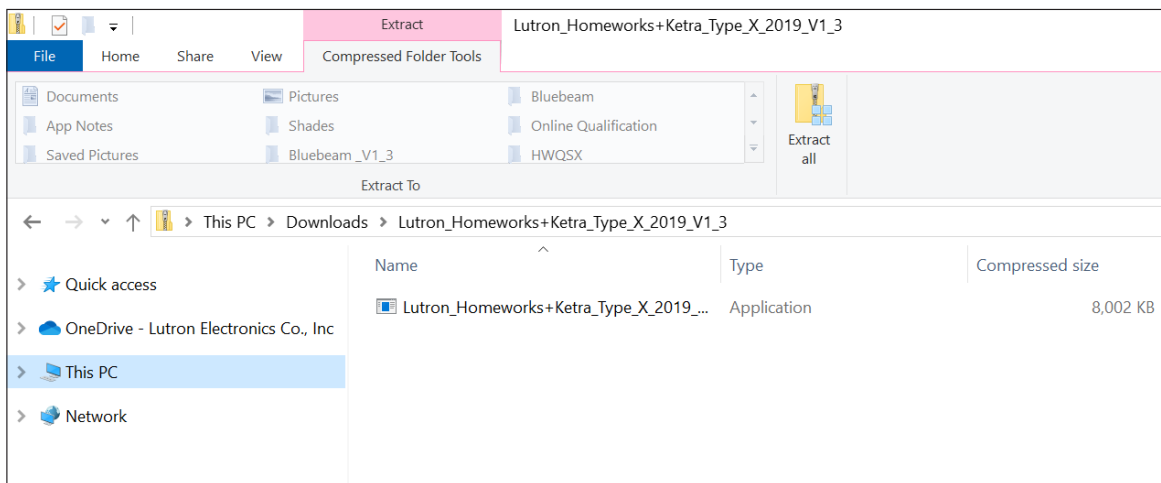
Download and Installation of Design Files (continued)

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



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

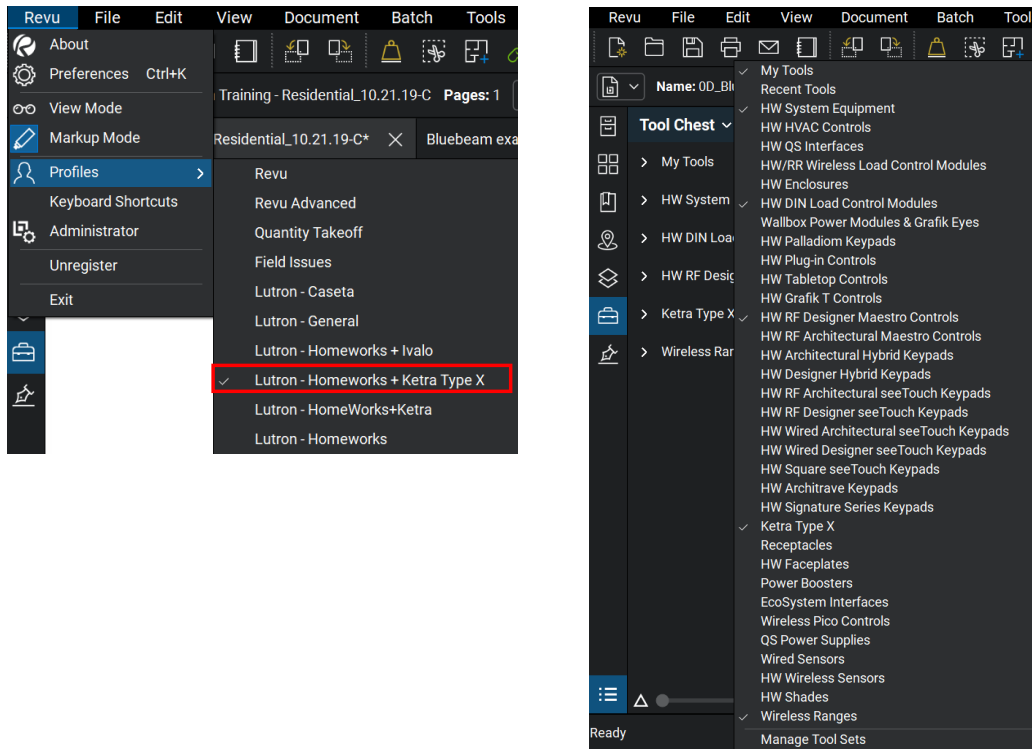
Note: Bluebeam Revu must be closed in order to successfully install the Tool Chests.



Lutron Design Files and Bluebeam Tool Chests

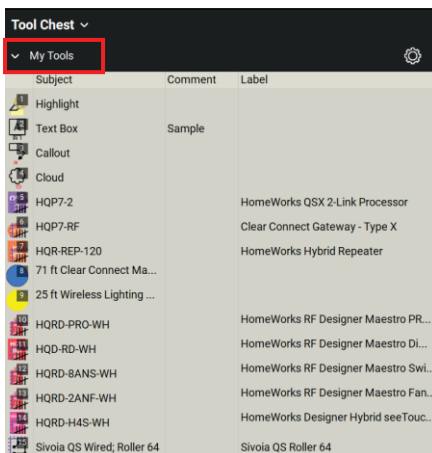
Tool Chest

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



My Tools

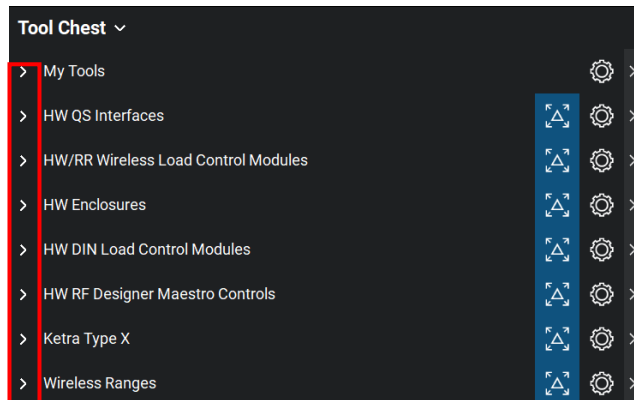
A built-in tool chest for frequently used Lutron products or additional created symbols. The My Tools Tool Chest will remain between design sessions.



Lutron Design Files and Bluebeam Tool Chests (continued)

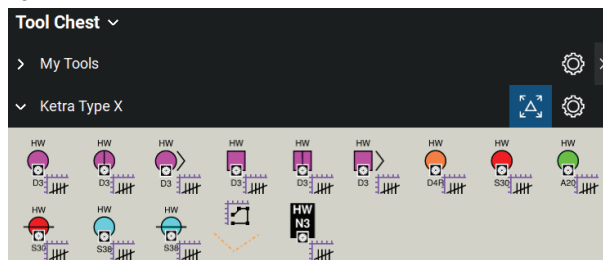
Tool Chest Toolbar

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.

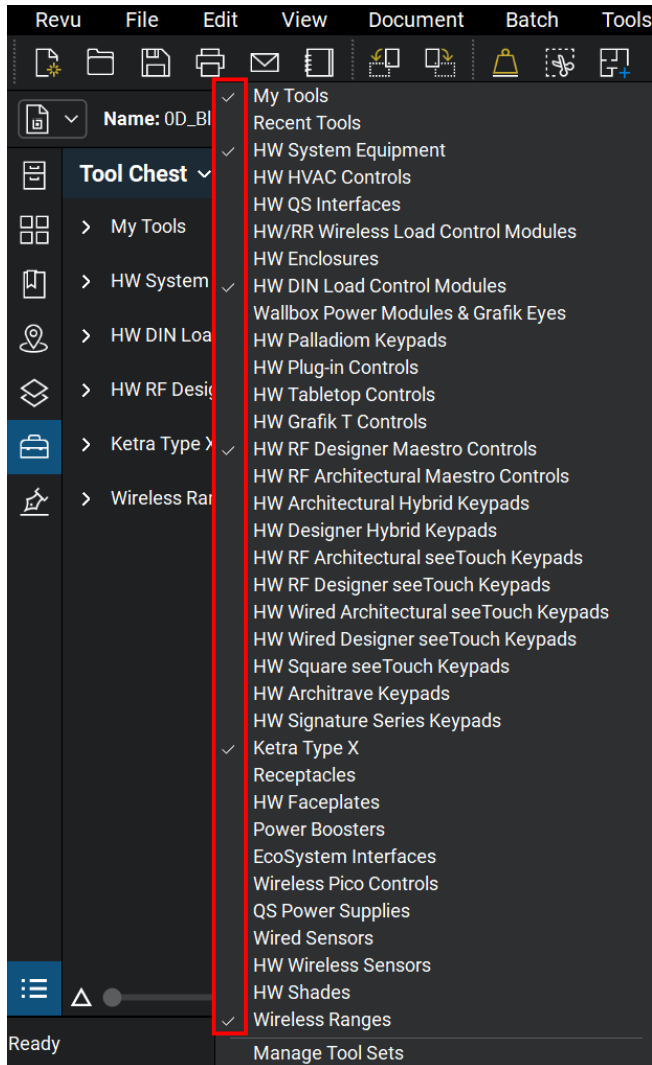
Tool Chest ▾		
▸ My Tools		
▾ Ketra Type X		
Subject	Comment	Label
 Ketra Type X Residential ...		Ketra Type X Residential Fixed Round D...
 Ketra Type X Residential ...		Ketra Type X Residential Adjustable Rou...
 Ketra Type X Residential ...		Ketra Type X Residential Wall Wash Rou...
 Ketra Type X Residential ...		Ketra Type X Residential Fixed Square D...
 Ketra Type X Residential ...		Ketra Type X Residential Adjustable Squ...
 Ketra Type X Residential ...		Ketra Type X Residential Wall Wash Squ...
 Ketra Type X Residential ...		Ketra Type X Residential D4R Retrofit D...
 Ketra Type X Residential ...		Ketra Type X Residential PAR 30 Lamp
 Ketra Type X Residential ...		Ketra Type X Residential A20 Lamp
 Ketra Type X Residential ...		Ketra Type X Residential PAR 30 Track L...
 Ketra Type X Residential ...		Ketra Type X Residential PAR 38 Lamp
 Ketra Type X Residential ...		Ketra Type X Residential PAR 38 Track L...
 Ketra Type X Residential ...		Ketra Type X Residential G2 Linear Lumi...
 Ketra Type X Residential ...		Ketra Type X Residential N3 Satellite

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

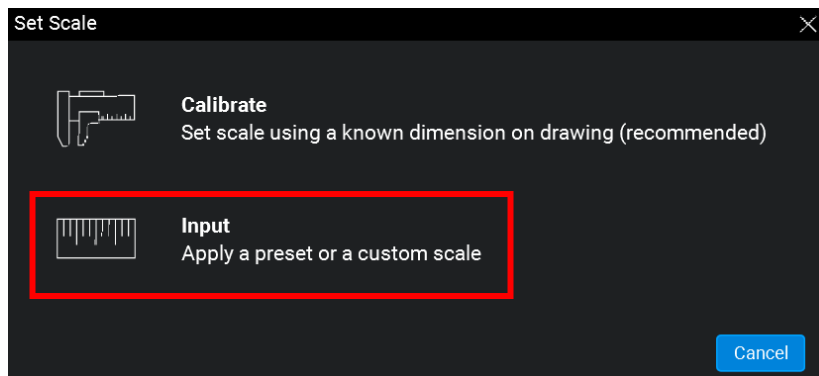
Sets the PDF drawing to scale to ensure accuracy of measurements, shading solutions, sensors, wireless and lighting ranges.

Preset and Custom

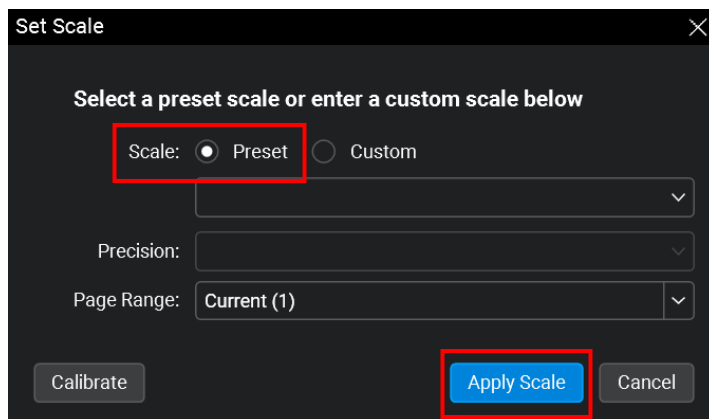
If the scale is known on the PDF drawing, use Preset for common scales or Custom for manual input.

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.

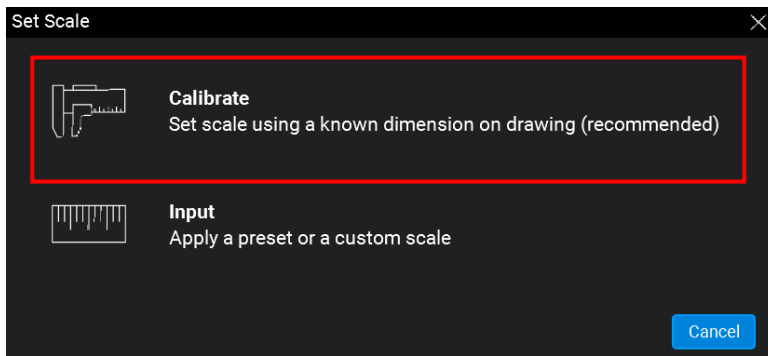
Lutron Design Files and Bluebeam Tool Chests (continued)

Setting the Scale (continued)

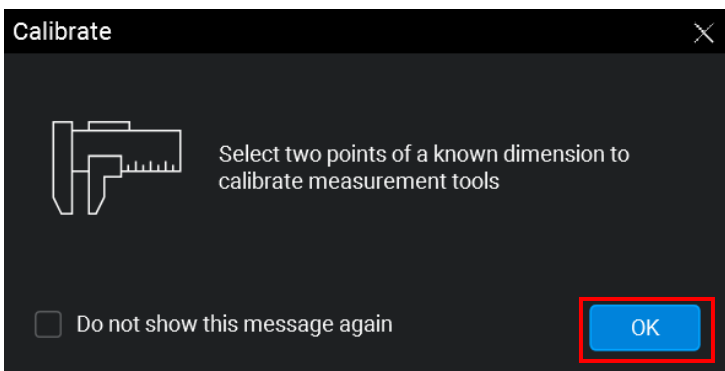
Calibrate

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

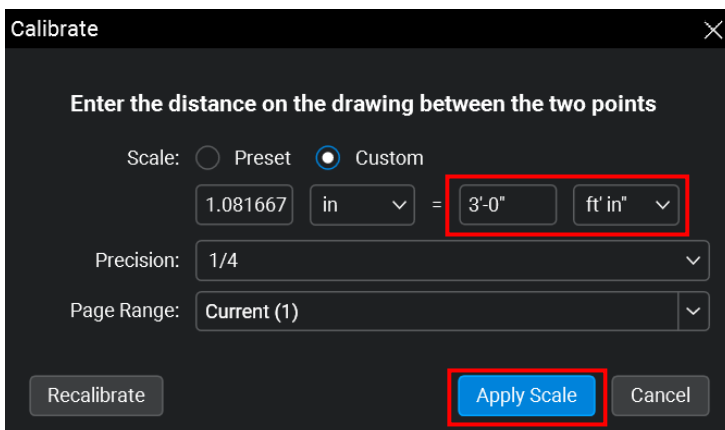
1. Click Scale not Set on bottom right side of screen.
2. When the dialog box appears, click Calibrate.



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

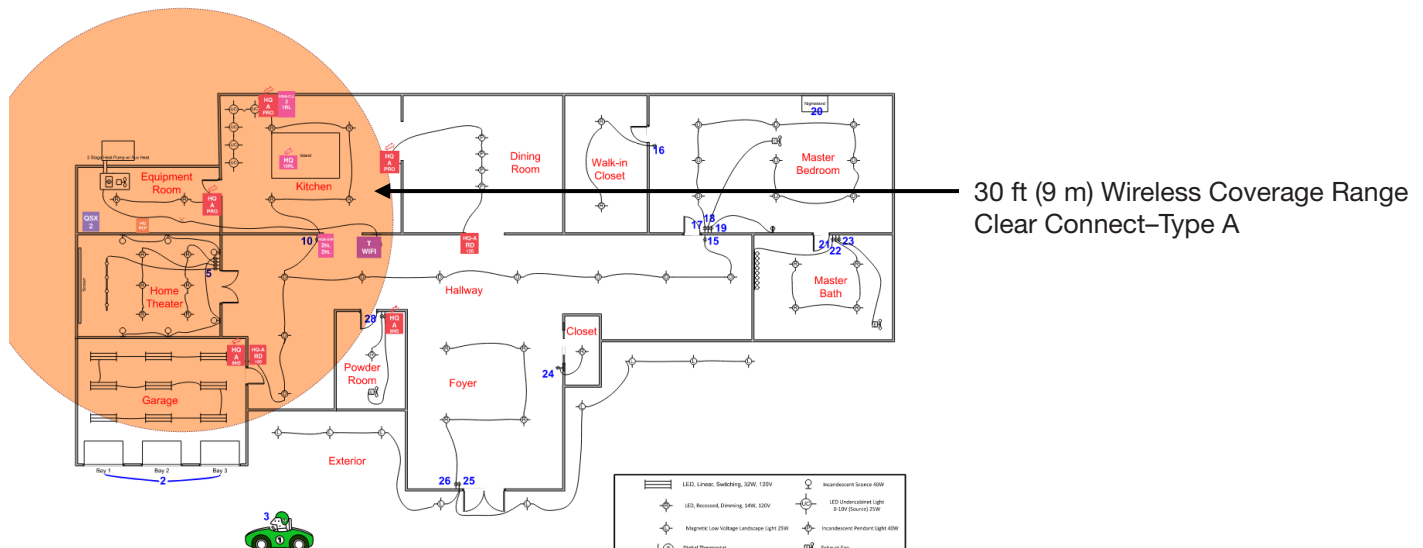


Lutron Design Files and Bluebeam Tool Chests (continued)

Wireless Ranges

Clear Connect–Type A

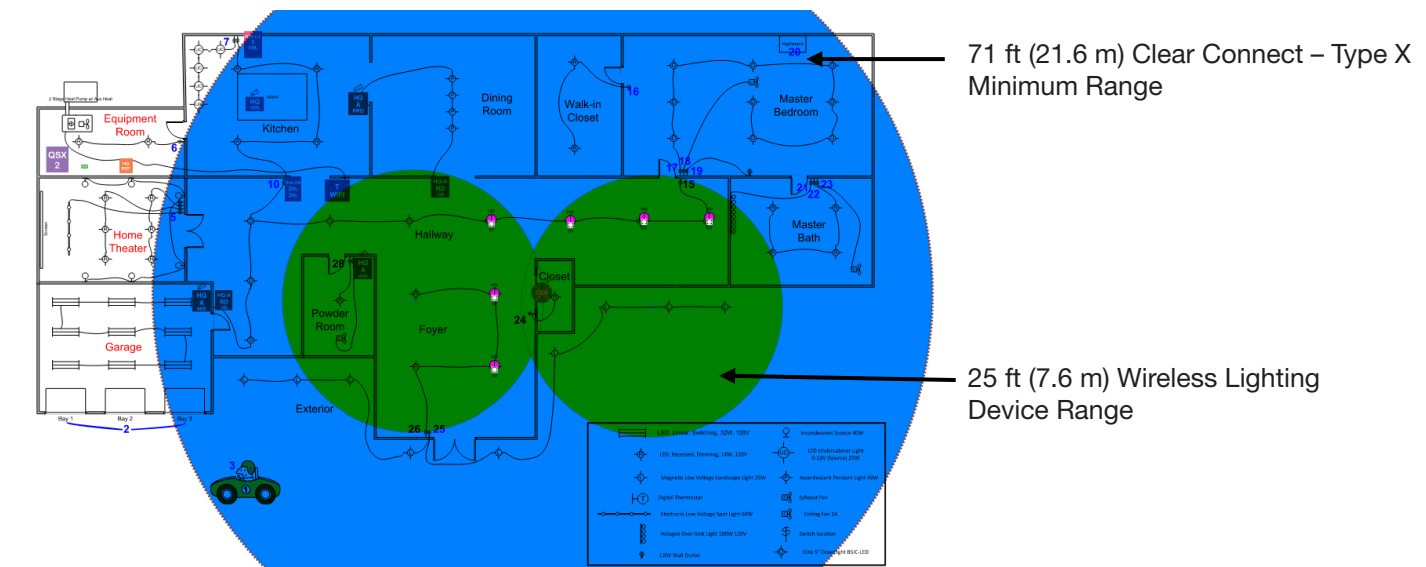
Below is a screenshot showing the usage of the 30 ft (9 m) Clear Connect Wireless - Type A radius which represents the recommended distance from device to the repeater. This can be used to verify proper wireless coverage and the need for additional repeaters on the link.



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

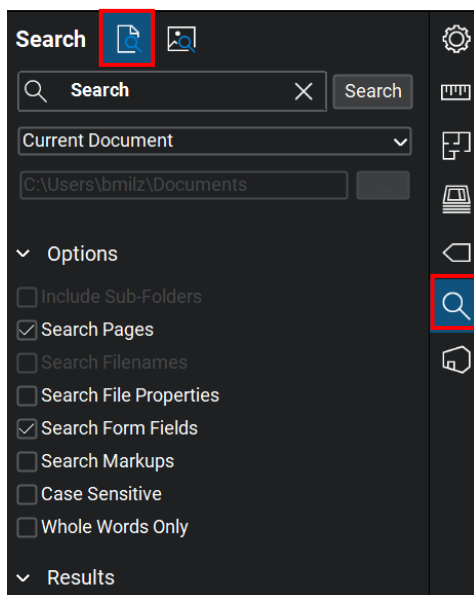
Searching PDF Drawings

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

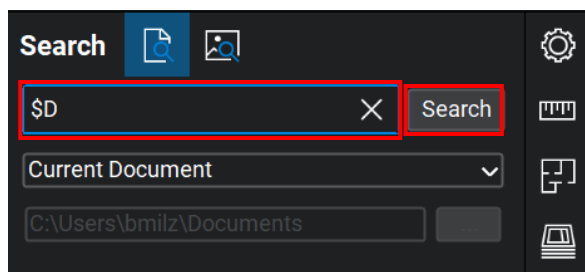
Text Search

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.

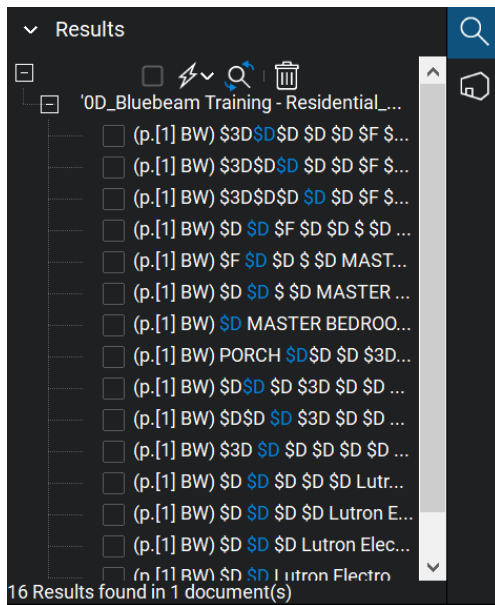


Tips and Tricks (continued)

Searching PDF Drawings (continued)

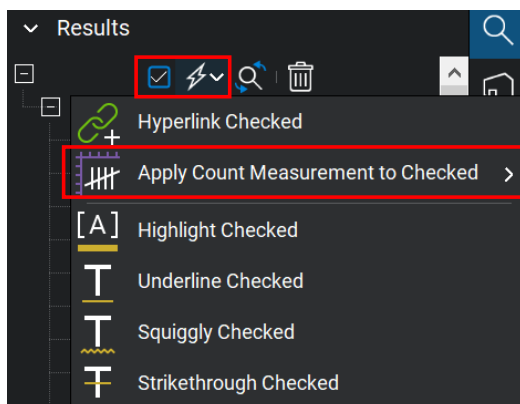
Text Search (continued)

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	
QSP7-2	HomeWorks QSP7-2	
QSP7-RF	Clear Connect Gal	
HQR-REP-120	HomeWorks Hyb	
HQRD-PRO-WH	HomeWorks RF C	
HQRD-RD-WH	HomeWorks RF C	
HQRD-BANS-WH	HomeWorks RF C	
HQRD-2ANF-WH	HomeWorks RF C	
HQRD-H4S-WH	HomeWorks Desi	
HW System Equipment		
Subject	Label	
QSP7-1	HomeWorks QSP7-1	
QSP7-2	HomeWorks QSP7-2	
QSP7-RF	Clear Connect Gal	
HQR-REP-120	HomeWorks Hyb	
HQR-VCRX-WH	HomeWorks Car	
HW QS Interfaces		
Subject	Label	

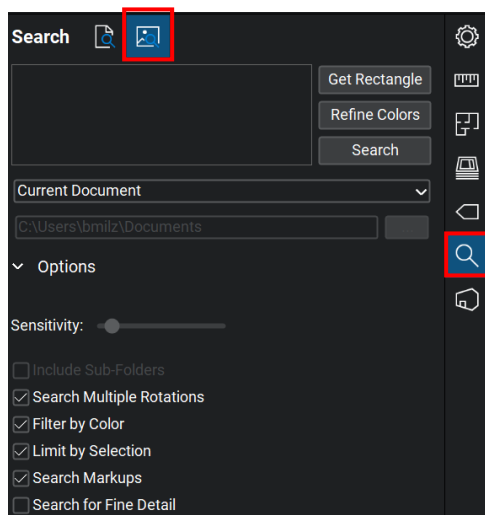
Tips and Tricks (continued)

Searching PDF Drawings (continued)

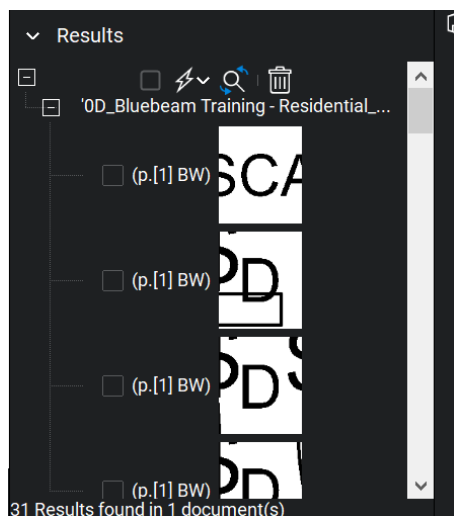
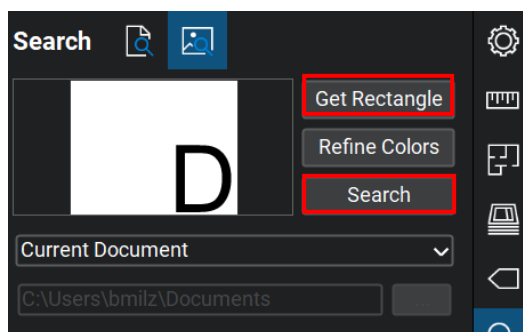
Visual Search

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.

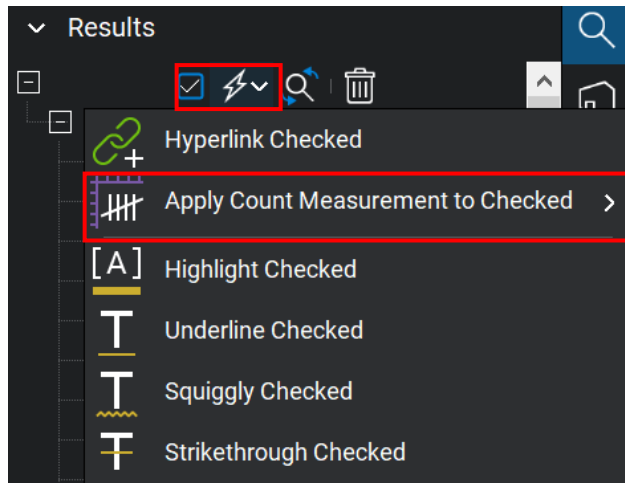


Tips and Tricks (continued)

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

Tips and Tricks (continued)

Markups List

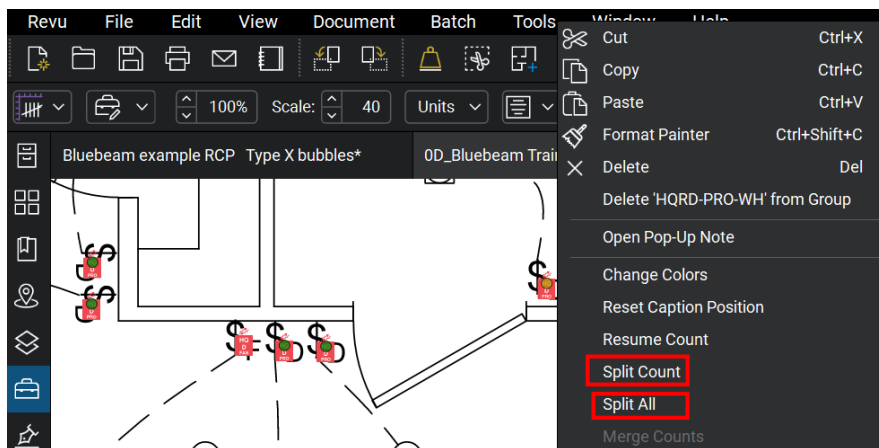
Splitting or Merging Counts

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.

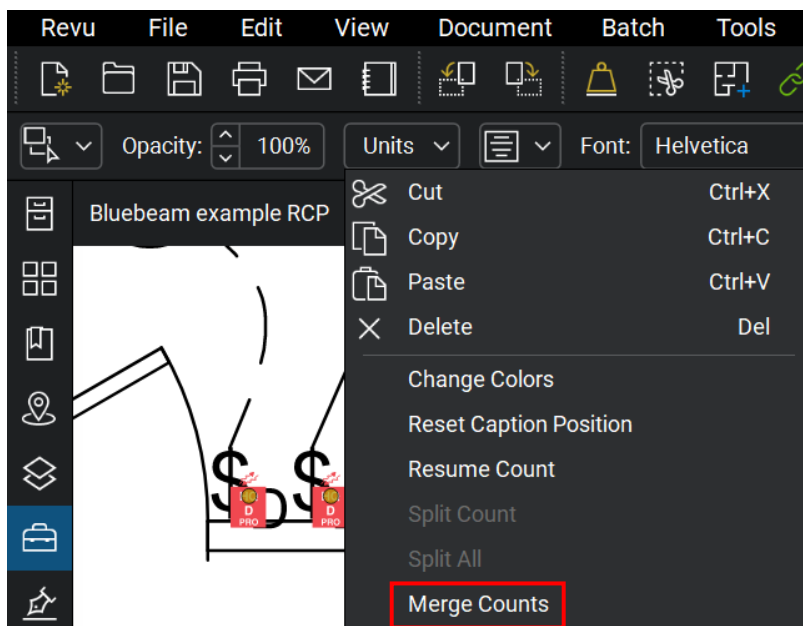
1. Right-click the selected product or symbol and select either:
 - a. Split Counts: Splits only selected product or symbol on the PDF drawing.
 - b. Split All: Splits all the products or symbols into individual groups or line items.



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.



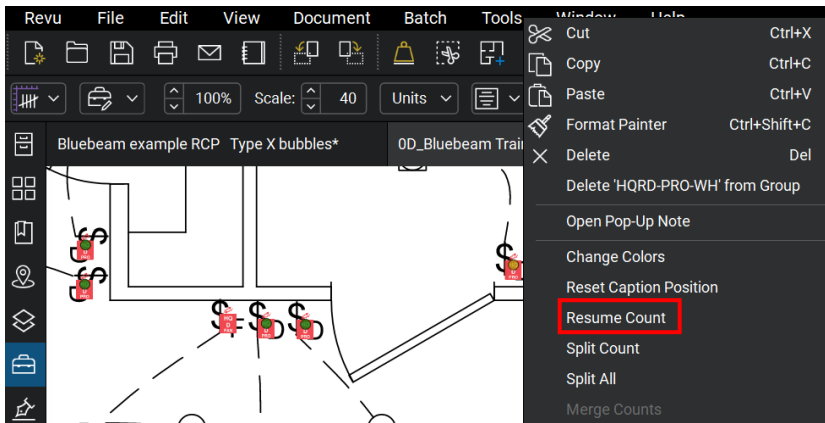
Tips and Tricks (continued)

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.

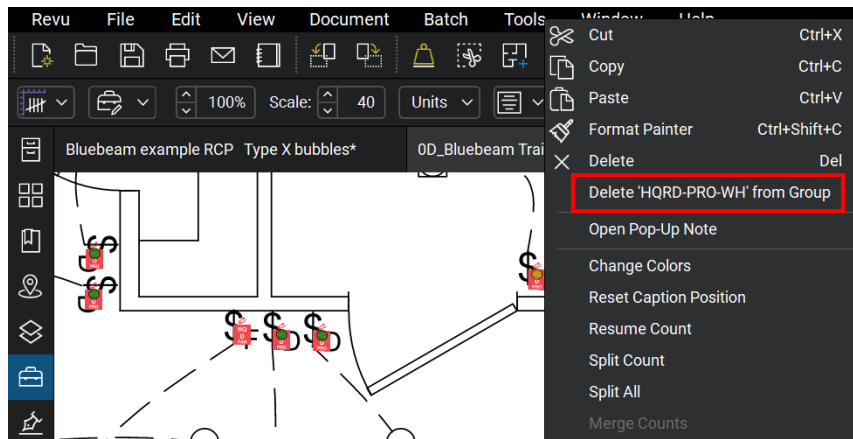
1. Right-click on any of the products on the PDF drawing and select Resume Count.



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.



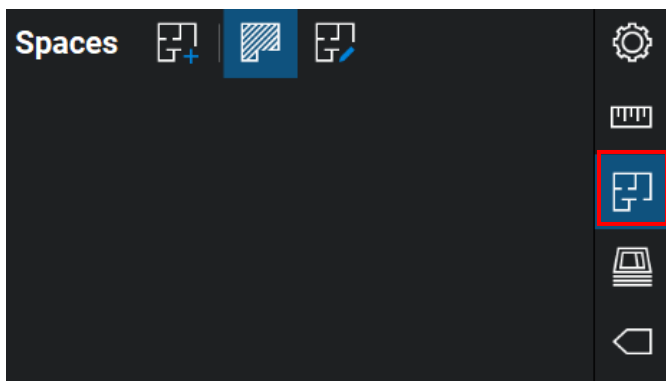
Tips and Tricks (continued)

Spaces

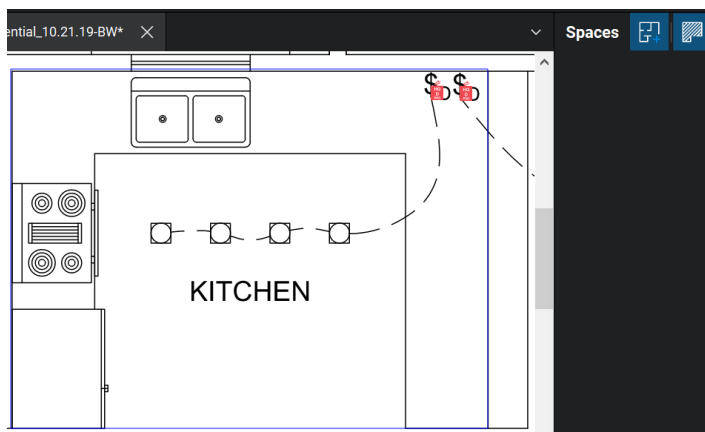
Designed to create a more efficient organized markups list. By setting up your PDF drawing with spaces, you will be able to find, filter, and report the stamped product more effectively. With spaces you can designate room within a drawing on an invisible layer.

Add a Space

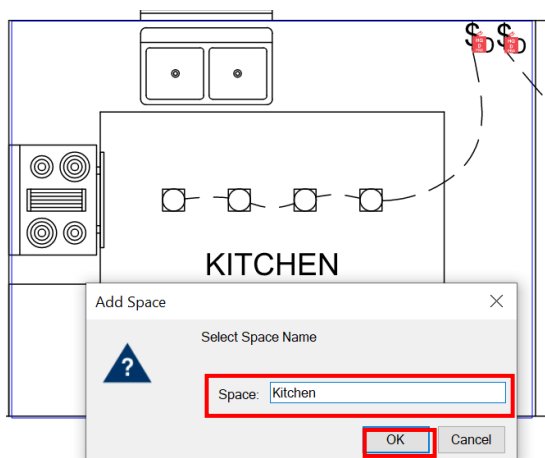
1. On the Spaces tab, click Add Space.



2. Click and drag a rectangle over the space.



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

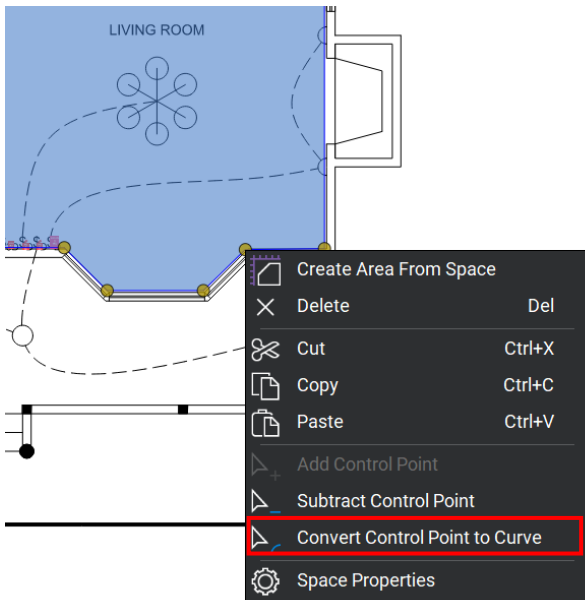


Tips and Tricks (continued)

Spaces (continued)

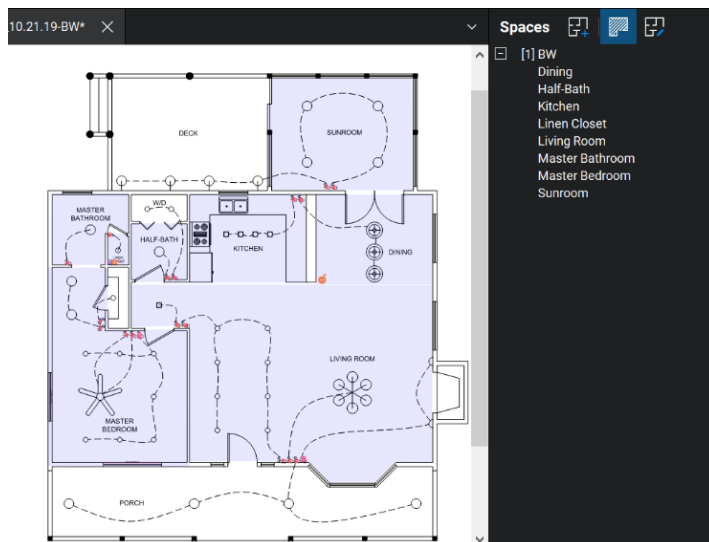
Adding a Space with Curved Walls

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

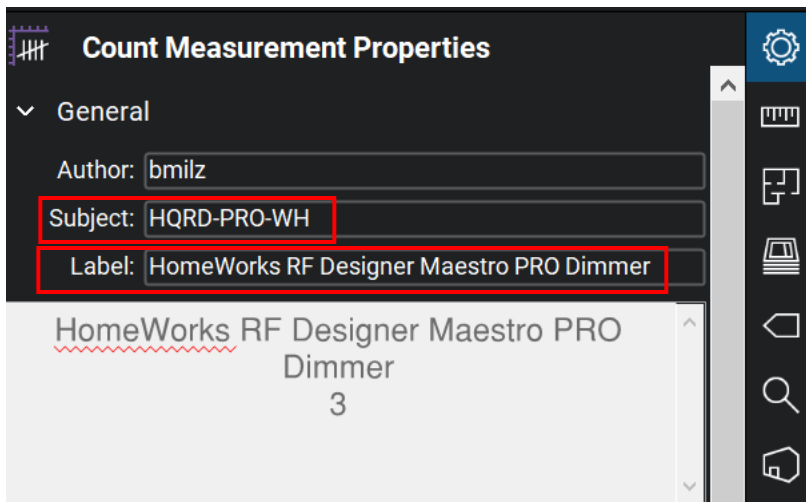
General

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.

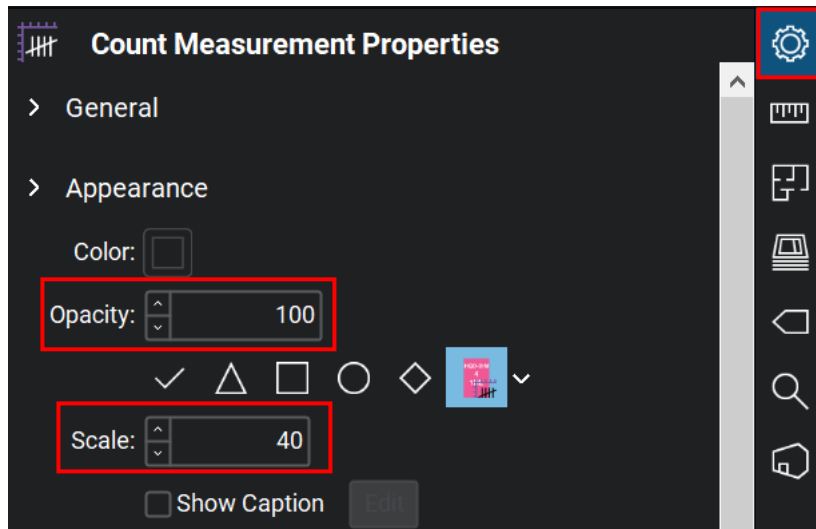
Subject: Defines the model number of the selected product or symbol on the PDF drawing. The Subject appears in the markups list under Product.

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.



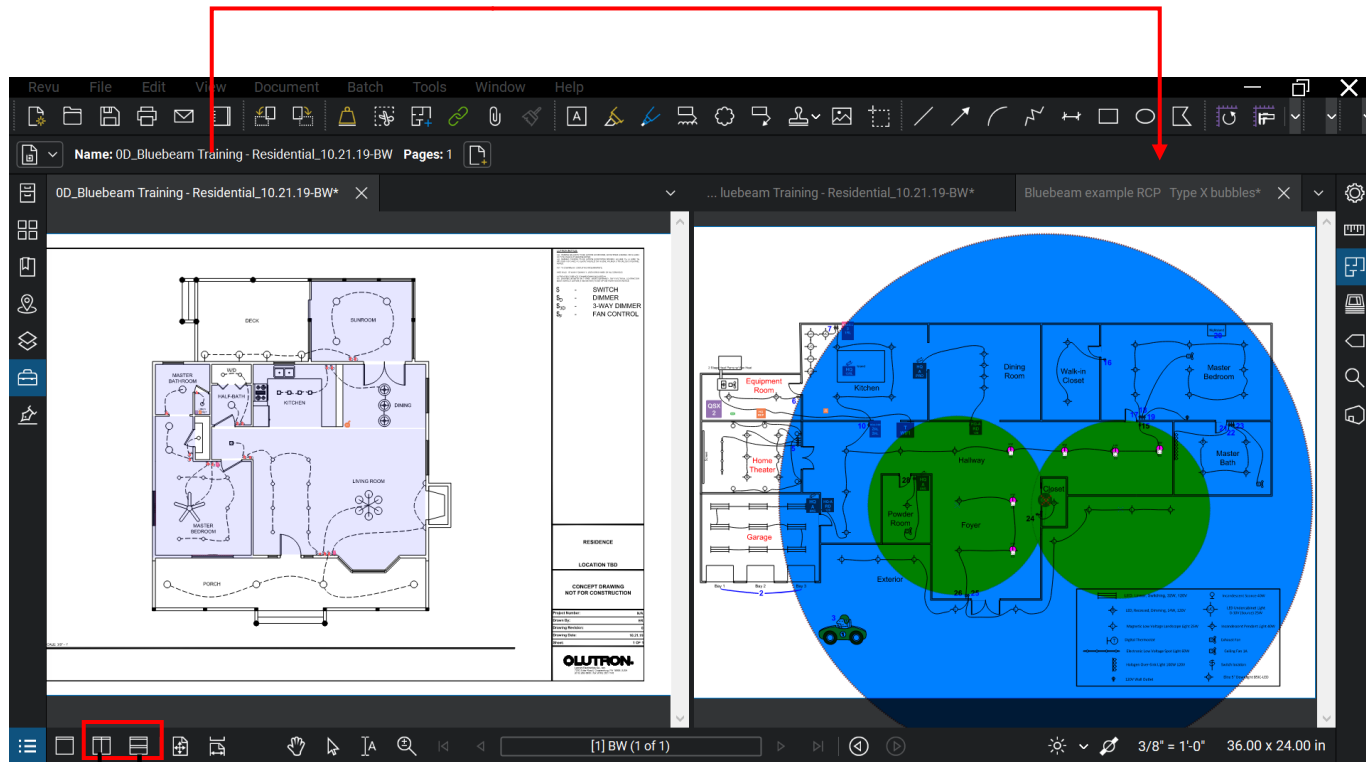
Tips and Tricks (continued)

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.



Split Horizontally

Split Vertically

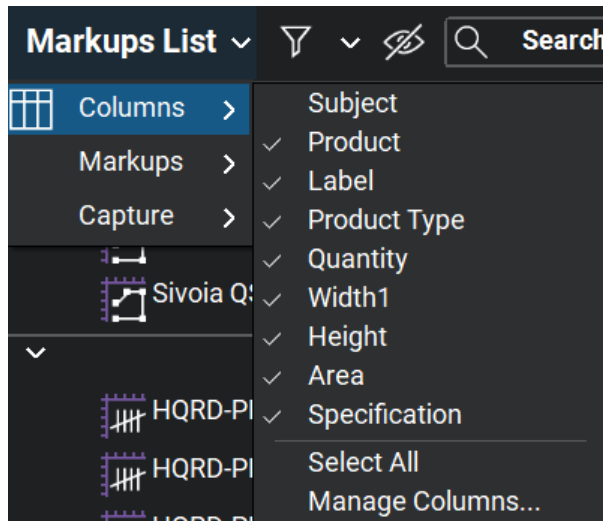
Export to .CSV File

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.

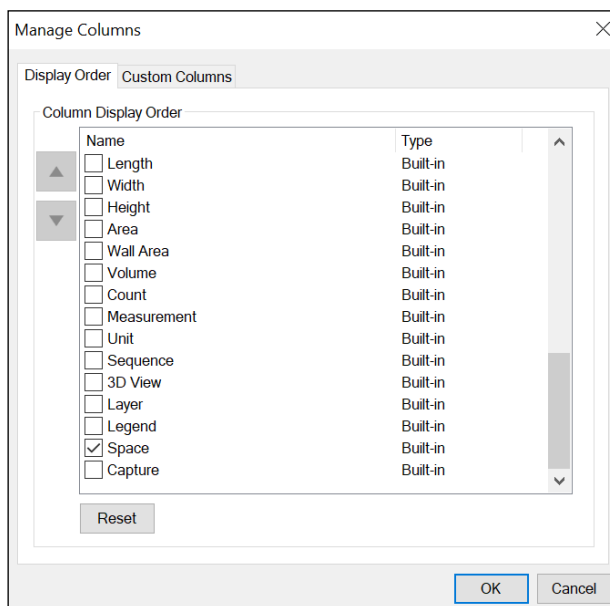
Below is a list of step-by-step instructions on how to successfully export a bill of materials into a .CSV file.

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.

The 'Manage Columns' dialog box has two tabs: 'Display Order' and 'Custom Columns'. The 'Custom Columns' tab is active, showing a list of custom columns with their names and types. Below the list are 'Import...' and 'Export...' buttons. At the bottom right are 'Add' and 'Modify' buttons. A 'Column Template' section at the bottom provides instructions on how to apply or revert custom columns to a profile, with 'Save to Profile' and 'Delete from Profile' buttons.

Name	Type
Product	Text
Product Type	Text
Height	Number
Width1	Formula
Quantity	Formula
Specification	Text
Area	Text

Column Template
To apply above Custom Columns to new PDF documents click 'Save to Profile'. To revert back to using only the Standard Columns click 'Delete from Profile'.

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.

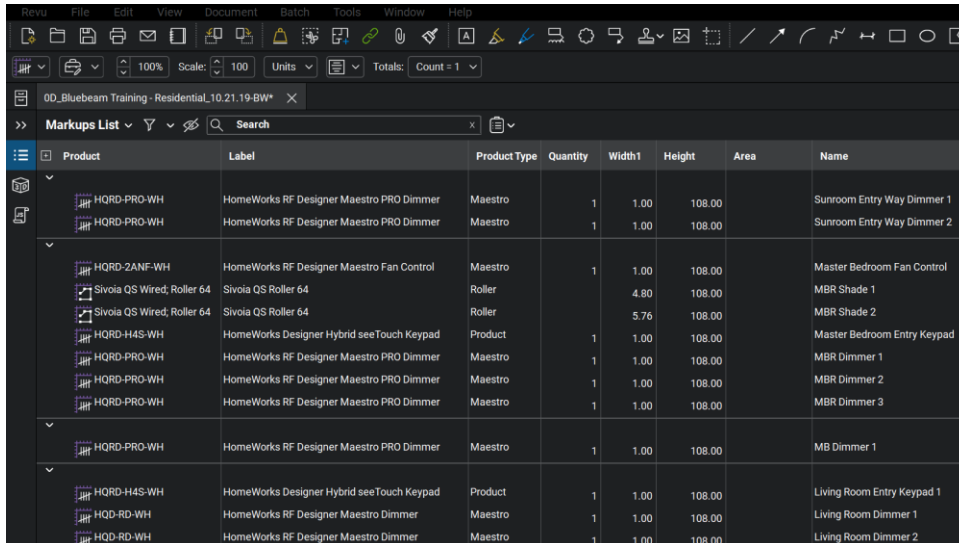
The 'Add Column' dialog box contains a 'Name' text field with 'Name' entered, a 'Type' dropdown menu set to 'Text', and an 'Options' section with a 'Multiline' checkbox (unchecked) and a 'Default' text field.

Export to .CSV File

Markups List (continued)

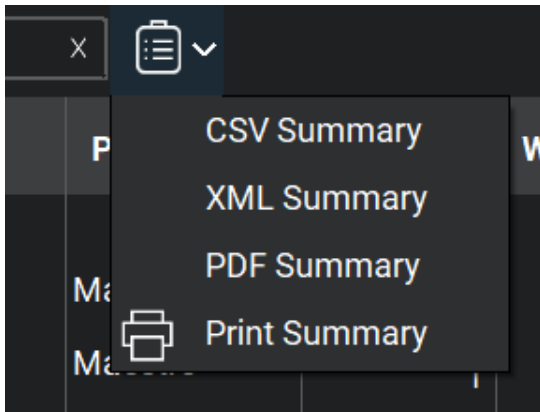
6. The Name column will appear within the Markups List. The Name column can be filled out within Bluebeam or can be entered within the .CSV file.

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



Product	Label	Product Type	Quantity	Width1	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-H4S-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.

Files

Name	Pages
Bluebeam App Note.pdf	All Pages (1 - 1)

Add Remove Save... Load...

Columns Filter and Sort Output

<input type="checkbox"/>	Name	Sample	Type
<input checked="" type="checkbox"/>	Product	HQRD-PRO-WH	Text
<input checked="" type="checkbox"/>	Label	HomeWorks RF Designer Maestro PRO Di...	Built-In
<input checked="" type="checkbox"/>	Product Type	Maestro	Text
<input checked="" type="checkbox"/>	Quantity	1	Formula
<input checked="" type="checkbox"/>	Width1	1.00	Formula
<input checked="" type="checkbox"/>	Height	108.00	Number
<input checked="" type="checkbox"/>	Area	Empty	Text

☐ Show Empty Columns Save Config Load Config

OK Cancel

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.

Bluebeam App Note - Excel								
Brittany Milz								
File Home Insert Page Layout Formulas Data Review View Help BLUEBEAM Search								
Clipboard Font Alignment Number Styles Cells Editing Ideas Bluebeam								
127								
	A	B	C	D	E	F	G	H
1	Product	Label	Product Type	Quantity	Width1	Height	Area	Space
2	HQRD-PRO-WH	HomeWorks RF Designer Maestro PRO Dimmer	Maestro	1	1	108	Sunroom Entry Way Dimmer 2	Sunroom
3	HQRD-PRO-WH	HomeWorks RF Designer Maestro PRO Dimmer	Maestro	1	1	108	Sunroom Entry Way Dimmer 1	Sunroom
4	HQRD-2ANF-WH	HomeWorks RF Designer Maestro Fan Control	Maestro	1	1	108	Master Bedroom Fan Control	Master Bedroom
5	Sivoia QS Wired; Roller 64	Sivoia QS Roller 64	Roller		4.8	108	MBR Shade 1	Master Bedroom
6	Sivoia QS Wired; Roller 64	Sivoia QS Roller 64	Roller		5.76	108	MBR Shade 2	Master Bedroom
7	HQRD-H4S-WH	HomeWorks Designer Hybrid 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	MBR Dimmer 1	Master Bedroom
9	HQRD-PRO-WH	HomeWorks RF Designer Maestro PRO Dimmer	Maestro	1	1	108	MBR Dimmer 2	Master Bedroom
10	HQRD-PRO-WH	HomeWorks RF Designer Maestro PRO Dimmer	Maestro	1	1	108	MBR Dimmer 3	Master Bedroom
11	HQRD-PRO-WH	HomeWorks RF Designer Maestro PRO Dimmer	Maestro	1	1	108	MB Dimmer 1	Master Bathroom
12	HQRD-H4S-WH	HomeWorks Designer Hybrid seeTouch Keypad	Product	1	1	108	Living Room Entry Keypad 1	Living Room
13	HQRD-RD-WH	HomeWorks RF Designer Maestro Dimmer	Maestro	1	1	108	Living Room Dimmer 1	Living Room
14	HQRD-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 3	Living Room
17	HQRD-PRO-WH	HomeWorks RF Designer Maestro PRO Dimmer	Maestro	1	1	108	Living Room Entry Dimmer 2	Living Room
18	HQRD-BANS-WH	HomeWorks RF Designer Maestro Switch	Maestro	1	1	108	Linen Closet Entry Dimmer 1	Linen Closet
19	HQP7-2	HomeWorks QSX 2-Link Processor	SystemComponents	1	1	108	Equipment Closet Processor	Linen Closet
20	HQR-REP-120	HomeWorks Hybrid Repeater	SystemComponents	1	1	108	Equipment Closet Repeater	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 Entry Dimmer 2	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 Room 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.

Bluebeam App Note - Excel								
Brittany Milz								
File Home Insert Page Layout Formulas Data Review View Help BLUEBEAM Search								
Clipboard Font Alignment Number Styles Cells Editing Ideas Bluebeam								
127								
	A	B	C	D	E	F	G	H
1	Product	Label	Product Type	Quantity	Width1	Height	Name	Area
2	HQRD-PRO-WH	HomeWorks RF Designer Maestro PRO Dimmer	Maestro	1	1	108	Sunroom Entry Way Dimmer 2	Sunroom
3	HQRD-PRO-WH	HomeWorks RF Designer Maestro PRO Dimmer	Maestro	1	1	108	Sunroom Entry Way Dimmer 1	Sunroom
4	HQRD-2ANF-WH	HomeWorks RF Designer Maestro Fan Control	Maestro	1	1	108	Master Bedroom Fan Control	Master Bedroom
5	Sivoia QS Wired; Roller 64	Sivoia QS Roller 64	Roller		4.8	108	MBR Shade 1	Master Bedroom
6	Sivoia QS Wired; Roller 64	Sivoia QS Roller 64	Roller		5.76	108	MBR Shade 2	Master Bedroom
7	HQRD-H4S-WH	HomeWorks Designer Hybrid 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	MBR Dimmer 1	Master Bedroom
9	HQRD-PRO-WH	HomeWorks RF Designer Maestro PRO Dimmer	Maestro	1	1	108	MBR Dimmer 2	Master Bedroom
10	HQRD-PRO-WH	HomeWorks RF Designer Maestro PRO Dimmer	Maestro	1	1	108	MBR Dimmer 3	Master Bedroom
11	HQRD-PRO-WH	HomeWorks RF Designer Maestro PRO Dimmer	Maestro	1	1	108	MB Dimmer 1	Master Bathroom
12	HQRD-H4S-WH	HomeWorks Designer Hybrid seeTouch Keypad	Product	1	1	108	Living Room Entry Keypad 1	Living Room
13	HQRD-RD-WH	HomeWorks RF Designer Maestro Dimmer	Maestro	1	1	108	Living Room Dimmer 1	Living Room
14	HQRD-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 3	Living Room
17	HQRD-PRO-WH	HomeWorks RF Designer Maestro PRO Dimmer	Maestro	1	1	108	Living Room Entry Dimmer 2	Living Room
18	HQRD-BANS-WH	HomeWorks RF Designer Maestro Switch	Maestro	1	1	108	Linen Closet Entry Dimmer 1	Linen Closet
19	HQP7-2	HomeWorks QSX 2-Link Processor	SystemComponents	1	1	108	Equipment Closet Processor	Linen Closet
20	HQR-REP-120	HomeWorks Hybrid Repeater	SystemComponents	1	1	108	Equipment Closet Repeater	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 Entry Dimmer 2	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 Room Type X	Dining

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.

AutoSave OFF | Bluebeam App Note - Excel | Brittany Milz

File Home Insert Page Layout Formulas Data Review View Help BLUEBEAM Search

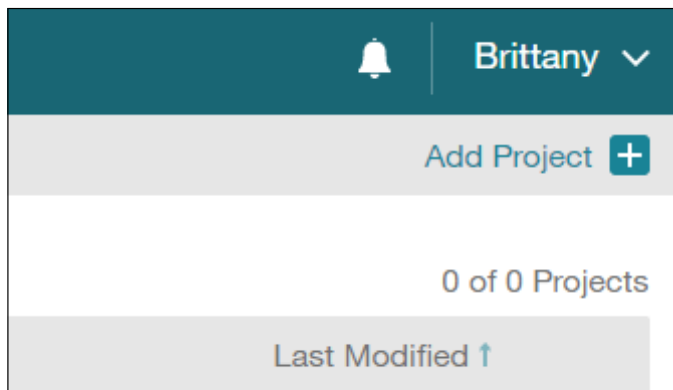
PivotTable Recommended Table Illustrations Get Add-ins My Add-ins Recommended Charts Maps PivotChart 3D Map Line Column Win/Loss Slicer Timeline Link Comment Text Sym

	A	B	C	D	E	F	G	H	I
	Name	Product	Label	Product Type	Quantity	Width1	Height	Area	
1									
2		HQRD-PRO-WH	HomeWorks RF Designer Maestro PRO Dimmer	Maestro	1	1	108	Sunroom	
3		HQRD-PRO-WH	HomeWorks RF Designer Maestro PRO Dimmer	Maestro	1	1	108	Sunroom	
4		HQRD-2ANF-WH	HomeWorks RF Designer Maestro Fan Control	Maestro	1	1	108	Master Bedroom	
5		Sivoia QS Wired; Roller 64	Sivoia QS Roller 64	Roller		4.8	108	Master Bedroom	
6		Sivoia QS Wired; Roller 64	Sivoia QS Roller 64	Roller		5.76	108	Master Bedroom	
7		HQRD-H4S-WH	HomeWorks Designer Hybrid seeTouch Keypad	Product	1	1	108	Master Bedroom	
8		HQRD-PRO-WH	HomeWorks RF Designer Maestro PRO Dimmer	Maestro	1	1	108	Master Bedroom	
9		HQRD-PRO-WH	HomeWorks RF Designer Maestro PRO Dimmer	Maestro	1	1	108	Master Bedroom	
10		HQRD-PRO-WH	HomeWorks RF Designer Maestro PRO Dimmer	Maestro	1	1	108	Master Bedroom	
11		HQRD-PRO-WH	HomeWorks RF Designer Maestro PRO Dimmer	Maestro	1	1	108	Master Bedroom	
12		HQRD-H4S-WH	HomeWorks Designer Hybrid seeTouch Keypad	Product	1	1	108	Master Bedroom	
13		HQRD-RD-WH	HomeWorks RF Designer Maestro Dimmer	Maestro	1	1	108	Living Room	
14		HQRD-RD-WH	HomeWorks RF Designer Maestro Dimmer	Maestro	1	1	108	Living Room	
15		HQRD-PRO-WH	HomeWorks RF Designer Maestro PRO Dimmer	Maestro	1	1	108	Living Room	
16		HQRD-PRO-WH	HomeWorks RF Designer Maestro PRO Dimmer	Maestro	1	1	108	Living Room	
17		HQRD-PRO-WH	HomeWorks RF Designer Maestro PRO Dimmer	Maestro	1	1	108	Living Room	
18		HQRD-8ANS-WH	HomeWorks RF Designer Maestro Switch	Maestro	1	1	108	Living Room	
19		HQP7-2	HomeWorks QXS 2-Link Processor	SystemComponents	1	1	108	Linen Closet	
20		HQR-REP-120	HomeWorks Hybrid Repeater	SystemComponents	1	1	108	Linen Closet	
21		HQRD-PRO-WH	HomeWorks RF Designer Maestro PRO Dimmer	Maestro	1	1	108	Linen Closet	
22		HQRD-PRO-WH	HomeWorks RF Designer Maestro PRO Dimmer	Maestro	1	1	108	Kitchen	
23		HQRD-PRO-WH	HomeWorks RF Designer Maestro PRO Dimmer	Maestro	1	1	108	Kitchen	
24		HQRD-PRO-WH	HomeWorks RF Designer Maestro PRO Dimmer	Maestro	1	1	108	Half-Bath	
25		HQP7-RF	Clear Connect Gateway - Type X	SystemComponents	1	1	108	Half-Bath	
26									

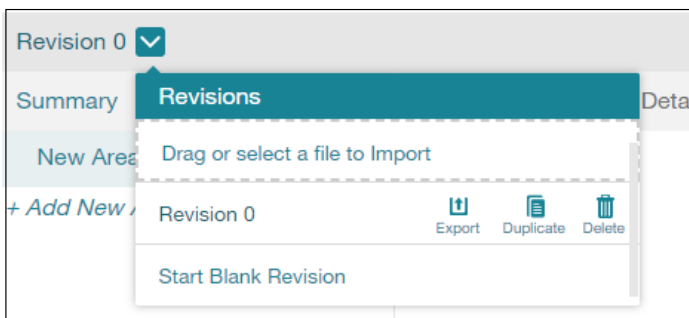
Import to myProjects (continued)

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.

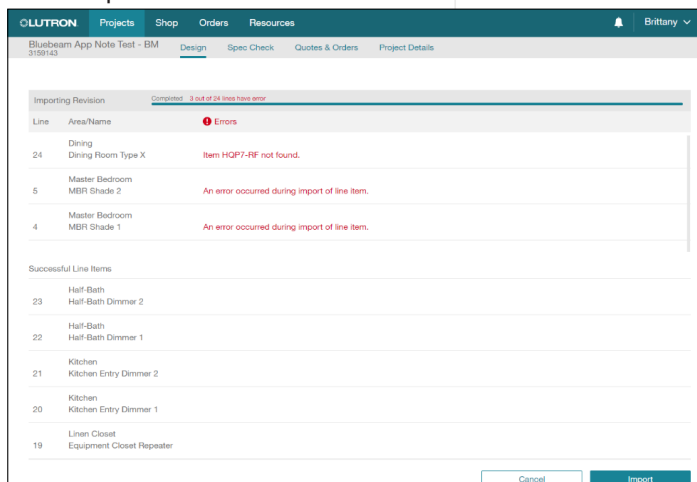


5. When the .CSV file is successfully imported, the items will appear under Successful Like Items.

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.

Projects

Shop

Orders

Resources

Bluebeam App Note Test - BM
3159143

Design

Spec Check

Quotes & Orders

Project Details

Revision 2

Ships in 10 business days

Area Price \$2,109.00

Summary

Sunroom

Master Bedroom

Master Bathroom

Living Room

Equipment Closet

Kitchen

Half-Bath

Dining

+ Add New Area

Item

Details

Qty

List Price/unit

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

Delete

Duplicate

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

Delete

Duplicate

Equipment Closet Repeater

System Components

HQR-REP-120

System: HomeworksQS

Type: Aux Repeater

1

\$400.00

Ships in 2 business days

Delete

Duplicate

LUTRON

29

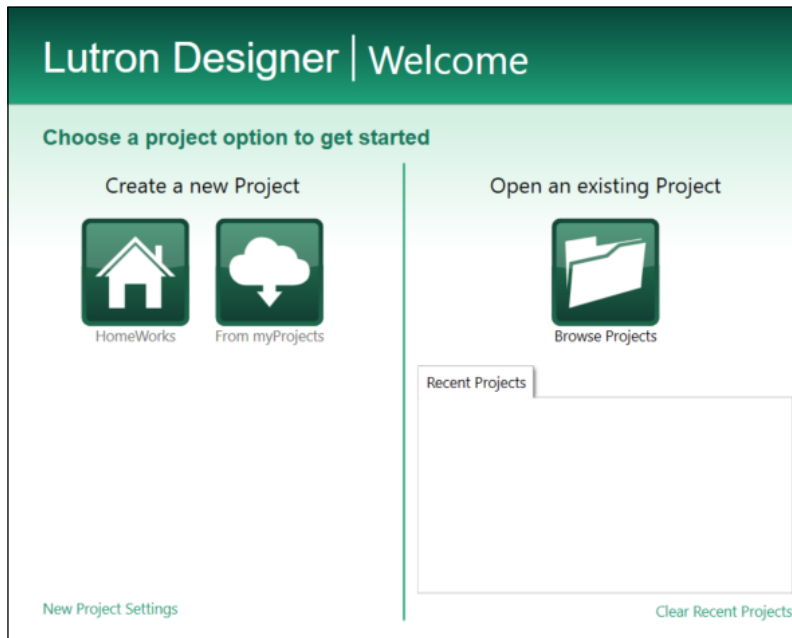
Customer Assistance — 1.844.LUTRON1

16.0 HomeWorks Designer

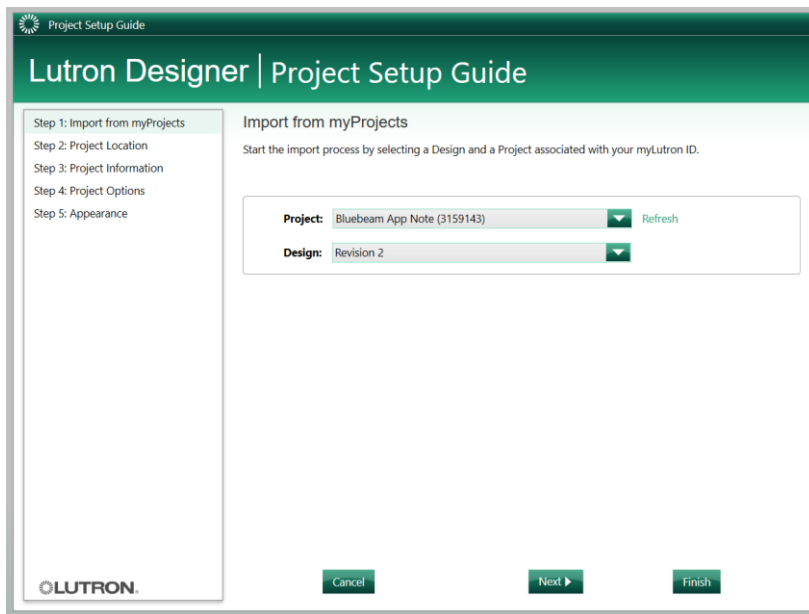
Once the design is finalized in the 16.0 HomeWorks programming software, myProjects designs can be imported and used to create the area tree and additional devices and equipment can be placed within the database. This helps reduce design time within HomeWorks Designer.

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.

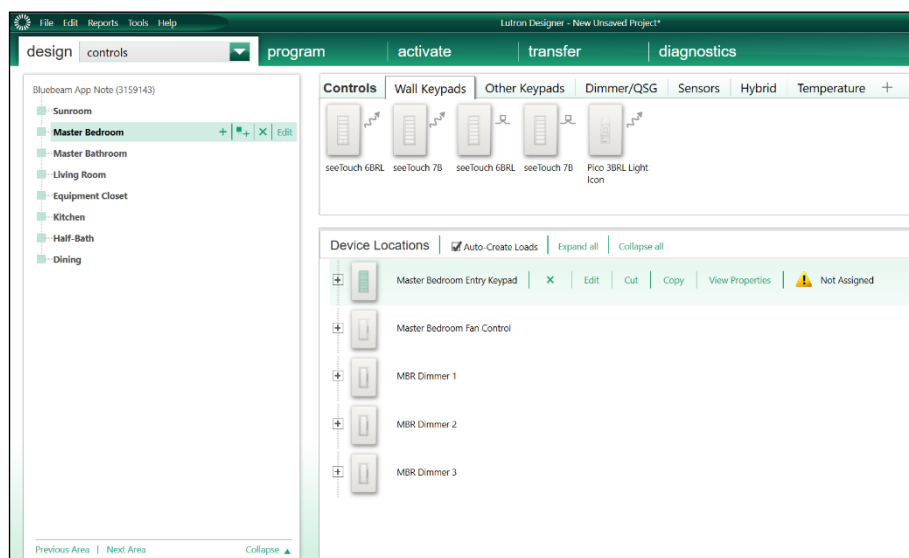


3. In Project Setup Guide – Import from myProjects, under Project, click the drop down and import the designated project.
4. Once the Project is selected, select the Design Revision.
5. Click Finish.



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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Lutron Contact Numbers

WORLD HEADQUARTERS USA

Lutron Electronics Co., Inc.
7200 Suter Road
Coopersburg, PA 18036-1299
TEL: +1.610.282.3800
FAX: +1.610.282.1243
support@lutron.com
www.lutron.com/support

**North & South America
Customer Assistance**
USA, Canada, Caribbean:
1.844.LUTRON1 (1.844.588.7661)
Mexico:
+1.888.235.2910
Central/South America:
+1.610.282.6701

UK AND EUROPE:

Lutron EA Limited
125 Finsbury Pavement
4th floor, London EC2A 1NQ
United Kingdom
TEL: +44.(0)20.7702.0657
FAX: +44.(0)20.7480.6899
FREEPHONE (UK): 0800.282.107
Technical Support: +44.(0)20.7680.4481
lutronlondon@lutron.com

ASIA:

Lutron GL Ltd.
390 Havelock Road
#07-04 King's Centre
Singapore 169662
TEL: +65.6220.4666
FAX: +65.6220.4333
Technical Support: 800.120.4491
lutronsea@lutron.com

Asia Technical Hotlines

Northern China: 10.800.712.1536
Southern China: 10.800.120.1536
Hong Kong: 800.901.849
Indonesia: 001.803.011.3994
Japan: +81.3.5575.8411
Macau: 0800.401
Taiwan: 00.801.137.737
Thailand: 001.800.120.665853
Other Countries: +65.6220.4666