

Epson Projector Professional Tool Operation Guide

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Introduction to Epson Projector Professional Tool

See the information here to learn more about the Epson Projector Professional Tool software.

[Epson Projector Professional Tool Features](#)

Epson Projector Professional Tool Features

The Epson Projector Professional Tool allows you to adjust and control images projected from network projectors using your computer.

[Adjustments to Projected Image Layout](#)

[Lens Control Feature](#)

[Geometric Correction Feature](#)

[Edge Blending and Color Uniformity Features](#)

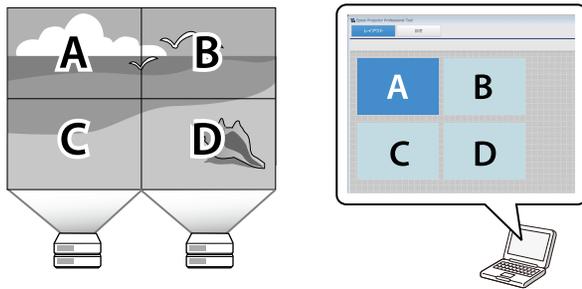
[Projector Operations or Settings](#)

[Apply Settings to Multiple Projectors Simultaneously](#)

Parent topic: [Introduction to Epson Projector Professional Tool](#)

Adjustments to Projected Image Layout

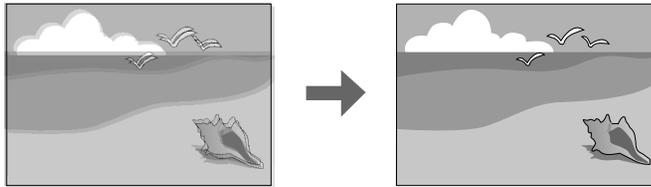
You can adjust the layout of projected images by visually selecting the projector on your computer screen.



Parent topic: [Epson Projector Professional Tool Features](#)

Lens Control Feature

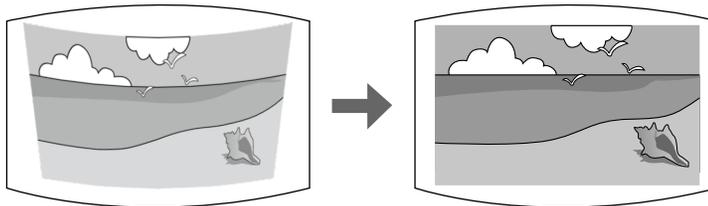
You can adjust the focus or the position of the lens installed on the projector.



Parent topic: [Epson Projector Professional Tool Features](#)

Geometric Correction Feature

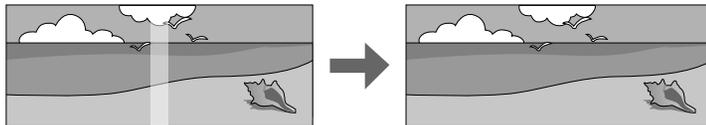
You can correct image distortion when projecting on a curved or right-angled screen using the Geometric Correction feature.



Parent topic: [Epson Projector Professional Tool Features](#)

Edge Blending and Color Uniformity Features

You can create a single seamless image from multiple projectors using the Edge Blending feature, and you can reduce color tone differences between images using the Color Uniformity feature.



Parent topic: [Epson Projector Professional Tool Features](#)

Projector Operations or Settings

You can control the basic projector operations such as turning the power on or off, and displaying a Test Pattern from your computer screen.

You can also select projector settings necessary for the projector installation.

Parent topic: [Epson Projector Professional Tool Features](#)

Apply Settings to Multiple Projectors Simultaneously

You can apply the following settings to multiple projectors:

- Power/Source
- Shutter
- On Screen
- Test Pattern
- All features in Initial Setting tab
- All features other than Edge Blending in Image tab

Parent topic: [Epson Projector Professional Tool Features](#)

Setting Up the Software for the First Time

Follow these instructions before connecting a computer to the projector over a network.

[Installing the Software](#)

Installing the Software

Note:

- If the language selected for the installation differs from the language of the operating system being used, the screens may not display correctly.

[System Requirements](#)

[Installing the Epson Projector Professional Tool](#)

Parent topic: [Setting Up the Software for the First Time](#)

System Requirements

Your computer must meet the following system requirements to use the Epson Projector Professional Tool software.

Requirement	Windows
Operating system	Windows 7 <ul style="list-style-type: none">• Ultimate (32- and 64-bit)• Enterprise (32- and 64-bit)• Professional (32- and 64-bit)• Home Premium (32- and 64-bit)• Home Basic (32-bit) Windows 8.1 <ul style="list-style-type: none">• Windows 8.1 (32- and 64-bit)• Windows 8.1 Pro (32- and 64-bit)• Windows 8.1 Enterprise (32- and 64-bit)

Requirement	Windows
	Windows 10 <ul style="list-style-type: none"> • Windows 10 Home (32- and 64-bit) • Windows 10 Pro (32- and 64-bit) • Windows 10 Enterprise (32- and 64-bit)
CPU	Intel Core2Duo 1.2GHz or faster (Intel Core i3 or faster recommended)
Memory	1GB or more (2GB or more recommended)
Display	Resolution between 1280 × 768 and 1920 × 1080

Parent topic: [Installing the Software](#)

Installing the Epson Projector Professional Tool

Download and install the Epson Projector Professional Tool on your computer.

Visit epson.com/support (U.S.) or epson.ca/support (Canada) and select your projector to download the latest version of the Epson Projector Professional Tool.

Note:

- You need administrator authority to install the Epson Projector Professional Tool.
1. Download the latest version of the Epson Projector Professional Tool.
 2. Double-click **EPPT_Setup.exe** to start the installer.
 3. Follow the on-screen instructions.

Parent topic: [Installing the Software](#)

Creating and Adjusting Projector Projects

Follow these instructions to create a projector project, register projectors to the project, and adjust the image layout.

[Creating a Project](#)

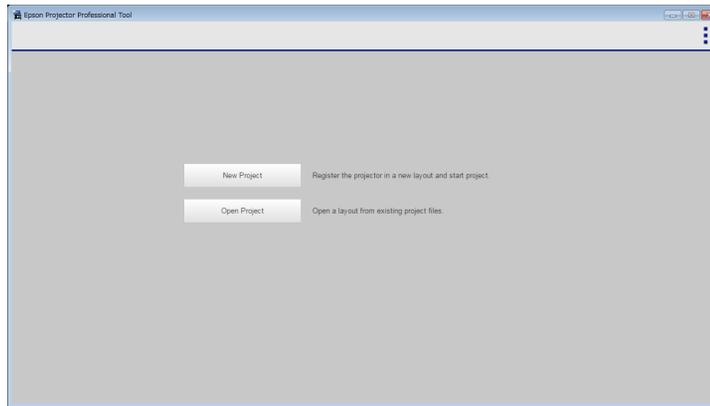
[Adding a Projector to a Project](#)

[Adjusting the Layout of the Projector Panel](#)

Creating a Project

You can save projector connection information and the layout of the projected image as a project. Creating separate projects allows you to save projector settings depending on the installation environment.

When you start the Epson Projector Professional Tool, the following screen is displayed.



- Select **New Project** to create a new project to register projectors you want to control.
- Select **Open Project** to open the previously created project.

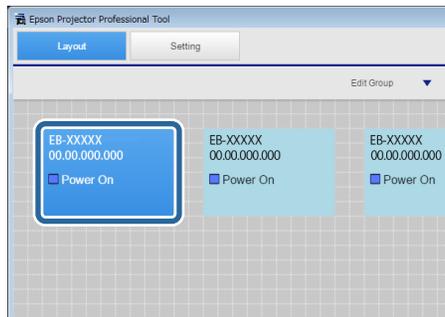
Attention:

- If you change your computer's network adapter settings before starting the Epson Projector Professional Tool, the software may not start. Restart your computer first.

- This software uses a MAC address to identify each projector. Do not change the MAC address after creating a project.

Note: To change the language or color theme for the software, select  in the upper right corner and select the **Option** setting.

When you create a project, the software automatically searches for network projectors on the same subnet and displays up to 50 detected projectors as panels on the Layout tab.



Each projector panel contains the following information and updates automatically every 30 seconds:

- Projector name
- IP address
- Projector status

Parent topic: [Creating and Adjusting Projector Projects](#)

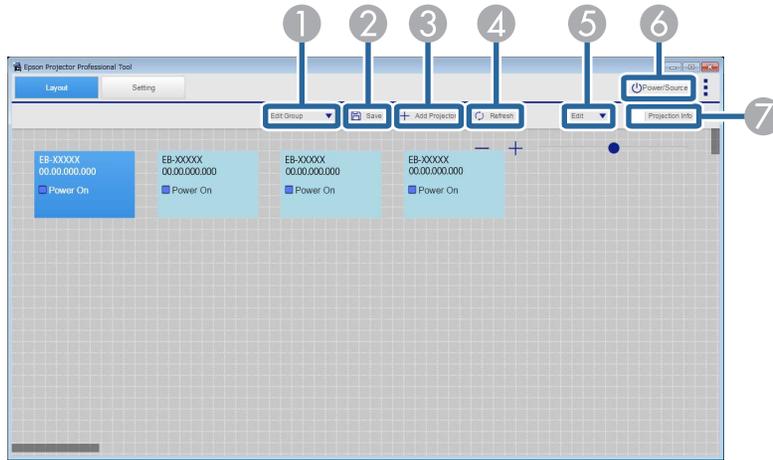
Adding a Projector to a Project

Select the projector panel you want to add to the project and select the following buttons as necessary.

Note: You can select multiple projectors in the following way:

- Select multiple projector panels by dragging them on your computer screen.

- Select each projector panel by pressing Ctrl + [Enter/Space] on the keyboard. (You can select and deselect a projector panel by pressing the [Enter/Space] button each time.)



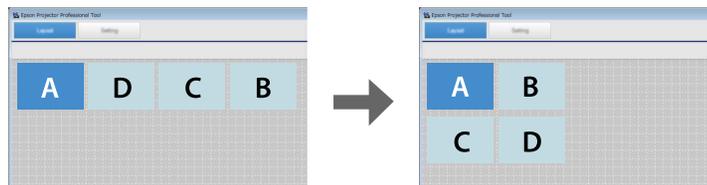
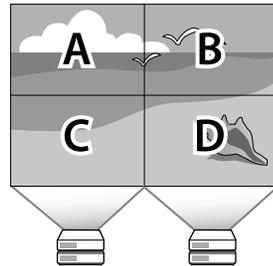
1	Edit Group	Sets up projectors in a group so you can control them simultaneously. <ul style="list-style-type: none"> • Group: Creates a group of the projectors you selected. • Ungroup: Removes the selected projector from the group. • Rename Group Name: Lets you edit the name of the projector group.
2	Save	Saves the projector information and the layout of the projector panel to the project file.
3	Add Projector	Adds a projector manually by specifying the projector's IP address.
4	Refresh	Updates the projector information.

5	Edit	Adjusts the projector's settings. <ul style="list-style-type: none"> • Rename Projector Name: Lets you edit the name of the selected projector. • Remove: Deletes the projector from the project. • Authentication: Performs authentication manually when the projector status is Not Authenticated. If you set the same password for multiple projectors, you can perform authentication for multiple projectors at one time by selecting multiple projector panels before selecting this button. If you set the default Web Control password for the projector, the projector is automatically authenticated.
6	Power/Source	Controls the projector power, input source, and shutter settings.
7	Projection Info	Displays the IP address and the name of the projector you selected.

Parent topic: [Creating and Adjusting Projector Projects](#)

Adjusting the Layout of the Projector Panel

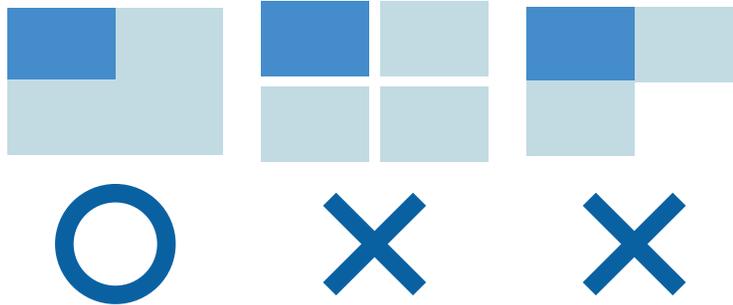
You can change the layout of the projected images by dragging and dropping the individual projector panels on your computer screens. When you select multiple projector panels, you can move them at one time.



When you have finished making adjustments of the layout, select the **Save** button to save the project.

Note: When you want to group projectors so you can control Screen Matching, make sure you set the panels under the following conditions:

- All the projectors must support Screen Matching.
- There are no gaps between the panels.
- The shape of the selected panels forms a rectangle.



Parent topic: [Creating and Adjusting Projector Projects](#)

Adjusting Projected Images

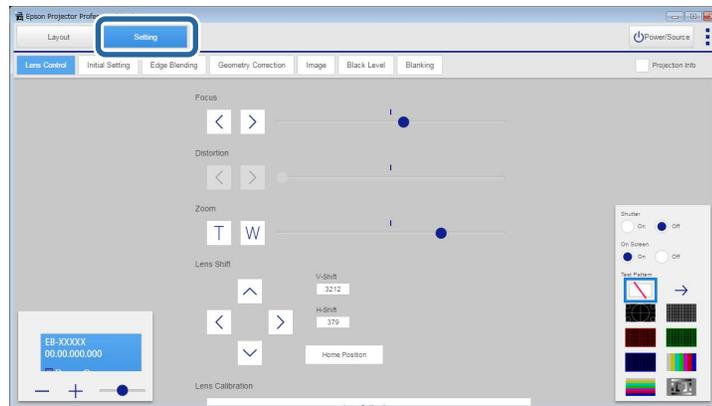
See the following sections to select and adjust individual projector settings on the Epson Projector Professional Tool **Setting** tab.

[Projector Adjustment Options on the Software Screen](#)
[Screen Summary](#)

Projector Adjustment Options on the Software Screen

When you select the **Setting** tab, the following screen is displayed.

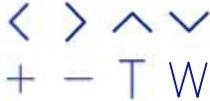
Select the projector you want to adjust from the list in the lower left corner of the screen. Then adjust the settings for that projector.



The following controls can apply to multiple projectors:

- Power/Source
- Shutter
- On Screen
- Test Pattern

The following table describes the types and usage of main buttons on the **Setting** tab.

	Adjust the value of settings. Select and hold the button to continue adjustments until you release the button. You can also adjust the settings by moving the  button.
	Adjusts each value on the Setting tab by entering the number.
	Selects a value from the options.
	Turns the setting on or off, or displays additional instructions or information.

Attention:

- Do not adjust your projected image using the projector remote control or control panel at the same time that you adjust the image with this software. The settings displayed by the software may not reflect the actual settings. To update the displayed setting values, switch to a tab other than Setting, and then select the **Setting** tab again.
- Depending on the projector's status, the setting values may not be displayed on this software screen.
- If communication with the projector fails and the projector cannot receive the setting values you selected, the settings return to their original values.

Note:

If you want to adjust projector menu settings that cannot be set from this software, use the Epson Web Control software. To access Epson Web Control, double-click the projector panel, select the **Advanced** option, and then log in with the user name and password below.

User name is EPSONWEB; default password is admin.

Parent topic: [Adjusting Projected Images](#)

Screen Summary

See the sections here to adjust the settings available on each tab of the **Setting** tab. See your projector *User's Guide* for details on the settings available for your projector.

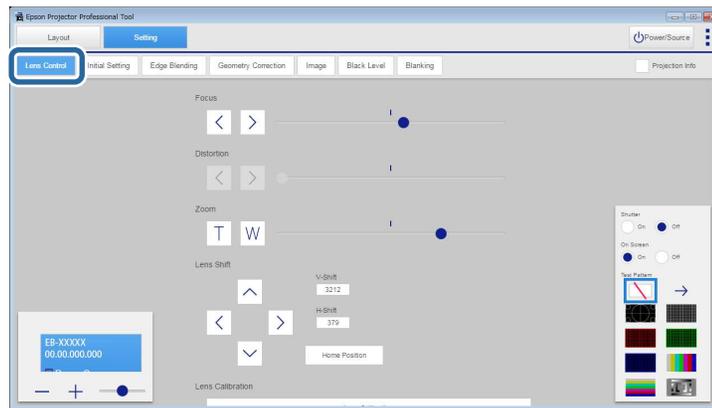
[Lens Control](#)
[Initial Setting](#)

Edge Blending
Geometric Correction
Image
Black Level
Blanking

Parent topic: [Adjusting Projected Images](#)

Lens Control

You can adjust the projector's lens settings on the Lens Control tab.



Depending on the type of lens you installed, the available features or adjustment ranges may vary.

Note:

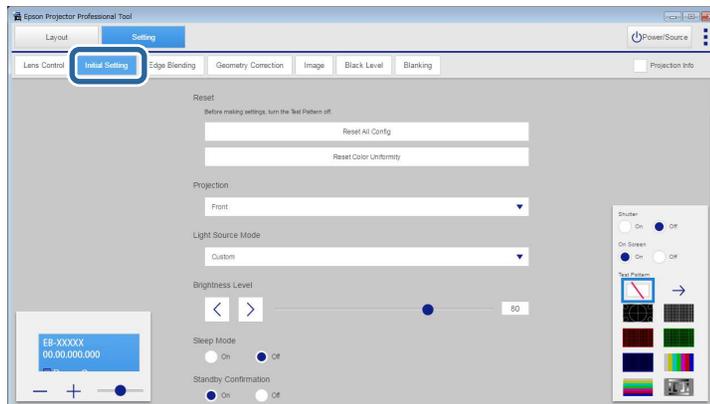
- When adjusting the image height with the vertical lens shift, adjust it by moving the image from the bottom to the top. If you adjust it from the top to the bottom, the image position may move down slightly after adjusting.
- For best results, adjust the Focus, Zoom, or Lens Shift settings only after projecting an image for 20 minutes or more. This gives the image a chance to stabilize before you adjust it.

Parent topic: [Screen Summary](#)

Initial Setting

You can select the initial values for the following projector settings on the Initial Setting tab:

- **Projection**
- **Light Source Mode**
- **Standby Mode**
- **Indicators**
- **Brightness Level**
- **Sleep Mode**
- **Standby Confirmation**



You can adjust the settings for multiple projectors or groups on the **Initial Setting** tab. If you select different projector models, you can adjust only settings that are available on all selected projectors.

Note:

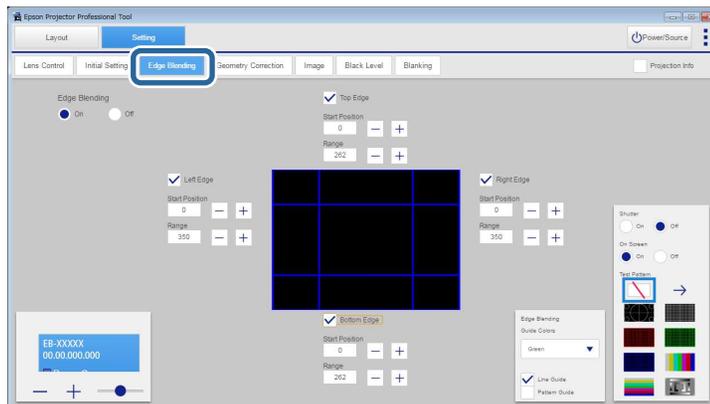
- When you set **Constant Brightness** to **On**, you cannot change **Light Source Mode** settings. Double-click the projector panel and change the settings in the Epson Web Control screen.
- You can change the **Brightness Level** settings only when you set **Light Source Mode** to **Customized**.
- When you reset all settings using **Reset All**, the following settings are not reset:
 - **Input Signal**

- **Memory**
- **User's Logo**
- All settings on the **Network** menu
- **Language**
- **Date & Time**
- **LCD Alignment**
- **Color Uniformity**
- **Lens Calibration**
- **Color Calibration**
- **Projector Grouping**
- **Screen Matching**
- **Color Matching**

Parent topic: [Screen Summary](#)

Edge Blending

You can use the adjustments on the Edge Blending tab to create a single seamless image from multiple projectors. Adjust the values to overlap the image sides as necessary.



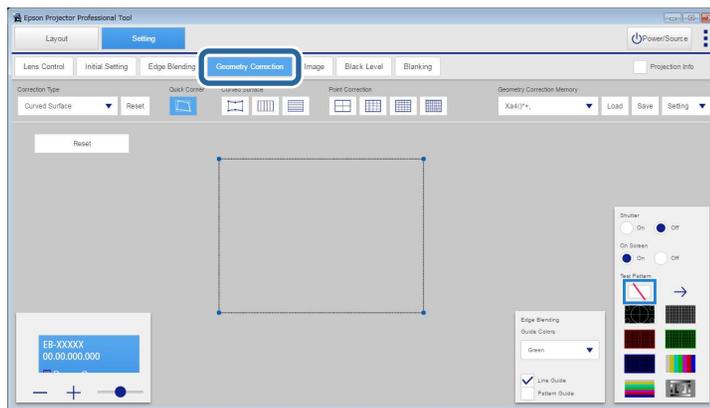
When you adjust the **Top/Bottom/Left/Right Edge**, **Start Position**, or **Range** settings, set **Edge Blending** to **On**.

Note: Before using the Edge Blending settings, select the **Image** tab and select **Multi-Projection** as the **Color Mode** setting to allow for more precise edge blending.

Parent topic: [Screen Summary](#)

Geometric Correction

You can correct image distortion using the settings on the Geometry Correction tab.



You can use the Curved Surface, Corner Wall, and Point Correction adjustments along with other correction settings.

When you perform Point Correction, you can change the grid color of the projected pattern by selecting the **Pattern Color** option. You can select and move up to 34 points simultaneously by dragging and dropping them.

When you perform the Quick Corner, Curved Surface (Correct Shape), or Corner Wall (Horizontal Corner, Vertical Corner), you can also make adjustments by dragging and dropping a point on your computer screen.

Note:

- If you adjust the image using many different settings, the focus may not be uniform.

- When **4K Enhancement** is activated or 4K signal is input, you cannot use Curved Surface, Corner Wall, or Point Correction.
- When you adjust the **Linearity** setting in the Curved Surface correction, you may not be able to adjust the correction point to the maximum depending on other selected correction settings.
- You can register up to three **Memory** settings in each projector.

Keyboard Shortcuts

When you adjust settings on the **Geometry Correction** tab, you can use the following keyboard commands:

Keyboard command	Function
Tab	Moves the cursor to the next point or edge of the image.
Shift + Tab	Moves the cursor to the previous point or edge of the image.
↑ / ↓ / ← / →	Moves the cursor on the point or edge of the image in the up, down, left, or right direction.
Shift + [↑ / ↓ / ← / →]	Selects multiple points.
Esc	Deselects the cursor on the point.
1M 7 (Num)	Selects how much you want to adjust at one time.
Ctrl + [↑ / ↓ / ← / →]	Adjusts the point using the increment you selected using the 1 to 7 number keys. (Press and hold the buttons to adjust more quickly.)
Ctrl + Shift + [↑ / ↓ / ← / →]	Adjusts the point by one step. (Press and hold the buttons to adjust more quickly.)
Alt + [↑ / ↓ / ← / →]	Adjusts the point by 10 steps. (Press and hold the buttons to adjust more quickly.)
Ctrl + [← / →]	Adjusts the edge of the image.
i	Initializes the point settings.
Alt + s	Registers the Memory settings.
Alt + l	Loads the Memory settings.

Parent topic: [Screen Summary](#)

Image

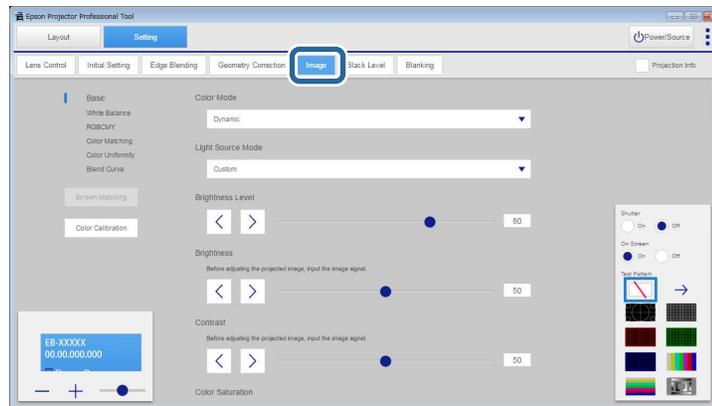
You can adjust the following image settings on the Image tab.

- **Color Mode**
- **Light Source Mode**
- **Brightness Level**
- **Dynamic Contrast**
- **Image Processing**
- **Frame Interpolation**
- **Deinterlacing**
- **Brightness**
- **Contrast**
- **Color Saturation**
- **Tint**
- **RGBCMY**
- **White Balance**
- **Color Uniformity**
- **Blend Curve**

You can also perform the following automatic corrections on the projector or group you selected:

- **Screen Matching**

- **Color Calibration**



When using the **Pattern Display** feature to adjust the **Color Matching** settings in this software, you can select the pattern type you want to view to confirm your settings.

- **Tone Pattern** displays a smooth image with gradations applied to the overlapped image area.
- **Blend Pattern** clearly displays the center of the overlapped image area.

You can adjust the settings for multiple projectors or groups simultaneously on the **Image** tab. If you select different projector models, you can adjust only settings that are available on all selected projectors.

Note:

- When adjusting the **RGBCMY**, **Color Matching**, and **Color Uniformity** settings for a projector group, you must apply the settings to all projectors in the group.
- When adjusting the **Color Uniformity** settings, the image may become distorted. The image is restored once adjustments are complete.
- When you set **Constant Brightness** to **On**, you cannot change the **Light Source Mode** setting and the **Brightness Level** settings.
- You can change the **Brightness Level** settings only when you set **Light Source Mode** to **Customized**.
- You can change the **Dynamic Contrast** settings only when you set **Color Mode** to **Dynamic** or **Cinema**.

- You can change the **Image Processing-Fast 1** settings only when you set **Deinterlacing** to **Video** or **Film/Auto**.
- You cannot change the **Frame Interpolation** settings in the following situations:
 - The input signal is higher than WUXGA.
 - **4K Enhancement** and **Scale** are enabled.
 - **Edge Blending** is set to **On**.
 - **Image Processing** is set to **Fast 1** or **Fast 2**.
- You cannot change the **Deinterlacing** settings in the following situations:
 - **Image Processing** is set to **Fast 2**.
 - The input signal is other than 480i, 576i, or 1080i.

Operating conditions for automatic correction

You can perform automatic correction in the following situations:

- The automatic correction is available in all projectors in a group.
- All projector panels in a group are positioned with no gaps and formed in a rectangular shape.
- The screen surface is flat and not skewed or warped.
- A matte white diffusion screen is used.
- The projection size is from 80 to 200 inches.
- After you perform Tiling, the projected image is formed in a rectangular shape.
- All projected images are lined up with no gaps. (Adjust the width of the overlapping area to 15 to 45% .)
- The projector is installed parallel to the projected image.

Note:

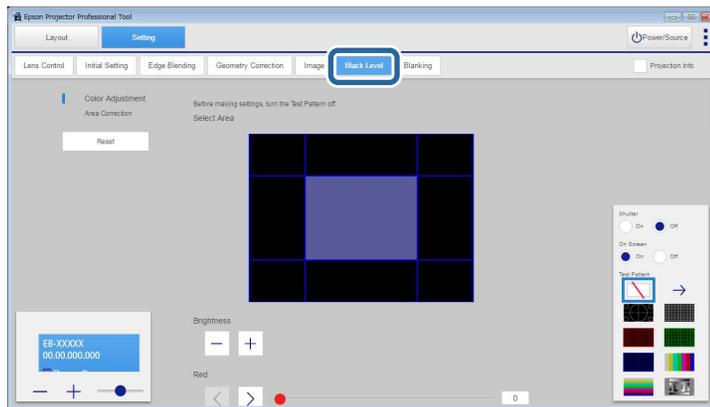
- Automatic correction may not be performed depending on the projector lens. See your projector *User's Guide* for details.
- After you perform automatic correction, the adjustment range of the lens shift may be reduced, depending on the projector lens.
- We recommend performing automatic correction after turning on the projector or canceling Shutter for 20 minutes or more.

- When you project images or make adjustments, we recommend darkening the room for the most accurate corrections.
- When you perform automatic correction using the camera built into the projector, do not block the camera or the projected images.

Parent topic: [Screen Summary](#)

Black Level

You can adjust the brightness and color tone for the area where the images do not overlap to create a seamless image.



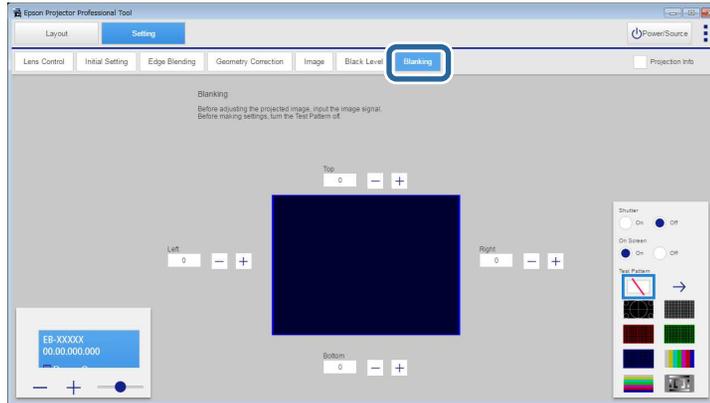
Note:

- When you turn off **Edge Blending** or have not selected the edge of the image, you cannot adjust the **Black Level** setting.
- When multiple screens are overlapping, adjust based on the area with the most overlap (the brightest area).
- You cannot adjust the **Black Level** setting when a test pattern is displayed.
- If the **Geometry Correction** value is large, you may not be able to adjust the **Black Level** setting.
- If you change the **Top Edge/Bottom Edge/Right Edge/Left Edge** settings, the **Black Level** setting returns to its default value.
- During automatic Screen Matching adjustments, previously selected Color Adjustment settings may change.

Parent topic: [Screen Summary](#)

Blanking

You can hide a specific area of the projected image you select.



Note: When no input signal is received, you cannot adjust the **Blanking** settings.

Parent topic: [Screen Summary](#)

Appendix

See these sections to learn more about the Epson Projector Professional Tool software.

[Updating and Uninstalling the Software](#)
[Notices](#)

Updating and Uninstalling the Software

Follow these instructions to uninstall the Epson Projector Professional Tool.

[Getting the Latest Version of the Application](#)
[Uninstalling Epson Projector Professional Tool \(Windows 7\)](#)
[Uninstalling Epson Projector Professional Tool \(Windows 8.x/Windows 10\)](#)

Parent topic: [Appendix](#)

Getting the Latest Version of the Application

Updates to this software and this manual may be available for your product. To check for updates, visit epson.com/support (U.S), epson.ca/support (Canada), or epson.com.jm/support (Caribbean) and select your product.

Parent topic: [Updating and Uninstalling the Software](#)

Uninstalling Epson Projector Professional Tool (Windows 7)

Follow the instructions below to uninstall Epson Projector Professional Tool.

Note: You need administrator authority to uninstall the software.

1. Turn on your computer.
2. Make sure all running applications are closed.
3. Click **Start**, and then click **Control Panel**.
4. Click **Uninstall a program** from the **Programs** category.
5. Select **Epson Projector Professional Tool**, and then click **Uninstall/Change**.
6. Follow the on-screen instructions.

Parent topic: [Updating and Uninstalling the Software](#)

Uninstalling Epson Projector Professional Tool (Windows 8.x/Windows 10)

Follow the instructions below to uninstall Epson Projector Professional Tool.

Note: You need administrator authority to uninstall the software.

1. Turn on your computer.
2. Make sure all running applications are closed.
3. Press the  key on the keyboard to display all apps.
4. Right-click (press and hold) **Epson Projector Professional Tool Ver.X.XX**, and then select **Uninstall**.
5. Follow the on-screen instructions.

Parent topic: [Updating and Uninstalling the Software](#)

Notices

Check these sections for important notices about your software.

[Copyright Notice](#)

[About Notations](#)

[General Notice](#)

[Copyright Attribution](#)

Parent topic: [Appendix](#)

Copyright Notice

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Illustrations in this guide and the actual projector may differ.

Parent topic: [Notices](#)

About Notations

- Microsoft® Windows® 7 operating system
- Microsoft® Windows® 8.1 operating system
- Microsoft® Windows® 10 operating system

In this guide, the operating systems above are referred to as "Windows 7", "Windows 8.1", and "Windows 10". Furthermore, the collective term Windows may be used to refer to Windows 7, Windows 8.1, Windows 10, and multiple versions of Windows may be referred to as, for example, Windows 7/8.1, with the Windows notation omitted.

Parent topic: [Notices](#)

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Parent topic: [Notices](#)