



# **LG-Cine Log Package Manual**

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Version 1.0 – 2017.8.31

LG-CINE\_LOG\_PACKAGE\_MANUAL\_V1.0KR

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The document is subject to revision without further notice.

## Revision History

Document version	Date	Details
1.0	August 31, 2017	Initial release

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# 1 Legal notice

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- Adobe Premiere Pro CC is a product of Adobe Systems Incorporated, and the copyright of the trademark and images referenced herein belongs to it.
- Baselight is a product of Filmlight Ltd., and the copyright of the trademark and images referenced herein belongs to it.
- DaVinci Resolve is a product of Blackmagic Design, and the copyright of the trademark and images referenced herein belongs to it.

## 2 Using LG-Cine Log LUT package V1.0

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This document explains the content and use of the LG-Cine Log LUT package that can be downloaded from LG Smartworld. The LG-Cine Log LUT package includes various LUTs and script files that are useful for the post-production of the image saved in LG-Cine Log format. Using these files, you can create an image that utilizes the realistic color and details delivered by LG-Cine Log.

Currently, files are provided for three types of software. Files can be separated by the folder name in the compressed file. The following are the supported software:

- Adobe Premiere Pro CC <http://www.adobe.com/products/premiere.html>
- Baselight [https://www.filmlight.ltd.uk/products/baselight/overview\\_bl.php](https://www.filmlight.ltd.uk/products/baselight/overview_bl.php)
- DaVinci Resolve <https://www.blackmagicdesign.com/kr/products/davinciresolve/>

## 3 Adobe Premiere Pro CC

### 3.1 Adobe Premiere Pro CC

Use the files in the "for Adobe Premiere Pro CC" folder. These files can be used by setting Input LUT under the [Basic Correction] tab of the "Lumetri Color" settings.

Table 1. File list: Adobe Premiere Pro CC

File Name		
LG-Cine Log_to_Rec709 2.4gamma_tonemapped.cube	Output color space	Rec.709 2.4 gamma (Rec. 1886)
	Description	Converts into the color profile for regular HDTV. Tone mapping has been applied to display the highlights.
LG-Cine Log_to_P3DCI_tonemapped.cube	Output color space	P3 DCI
	Description	Converts into the color profile for the motion picture projector. Tone mapping has been applied to display the highlights.
LG-Cine Log_to_V30 display.cube	Output color space	V30 display
	Description	LUT applied as the display LUT of LG V30. Tone mapping has been applied to display the highlights.

### 3.2 Installing Adobe Premiere Pro CC

- 1) Locate the "Lumetri" → "LUTs" → Technical folder in the Adobe Premiere Pro CC installation path.
- 2) Copy three files under the "for Adobe Premiere CC" folder in the LG-Cine Log package to the "Technical" folder found by the step above.
- 3) Restart Adobe Premiere Pro CC.

### 3.3 Using Adobe Premiere Pro CC

- 1) Select a footage to apply LUT while the “Color” panel is displayed.

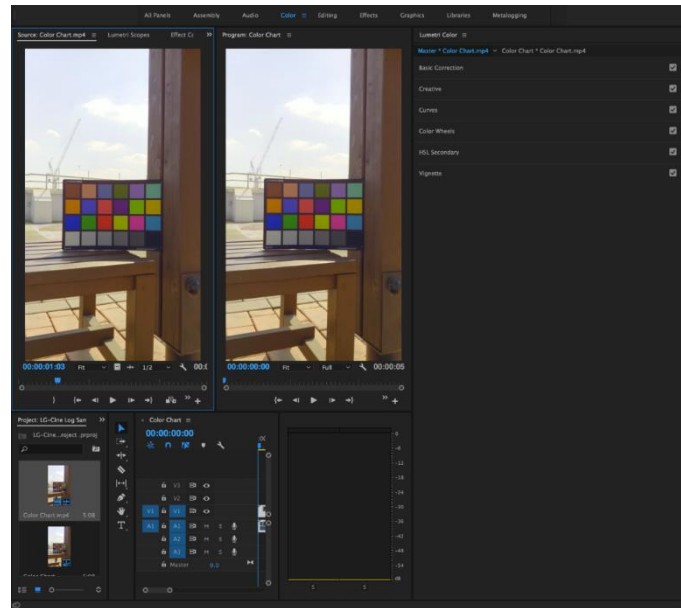


Figure 1. Selecting a footage to apply

- 2) Open the [Basic Correction] tab of the Lumetri Color settings on the right and select the drop-down menu of the Input LUT item.
  - ※ If the drop-down menu does not appear, you can specify the file path manually using the [Browse] button.

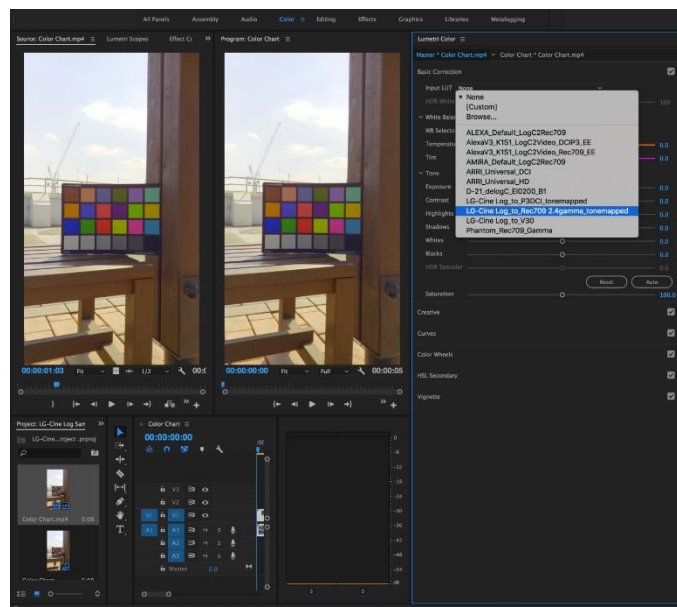


Figure 2. Opening the [Basic Correction] tab



- 3) Select the LUT that fits the color space to use.  
In this example, “LG-Cine Log\_to\_Rec709 2.4gamma\_tonemapped” is selected. As a result, colors are changed to the general Rec709 compatible look, not the unique look of LG-Cine Log.

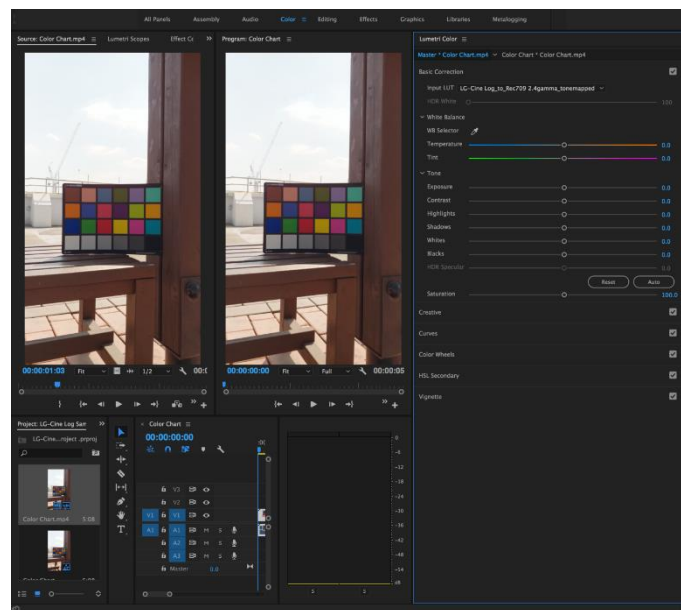


Figure 3. Selecting the LUT that fits the color space

- 4) Conduct color grading.

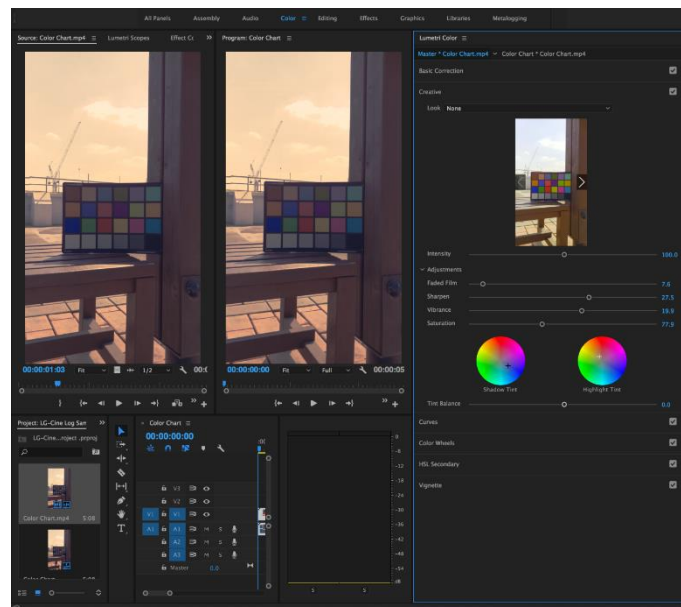


Figure 4. color grading screen

## 4 Baselight

### 4.1 Baselight

Use the file in the "for Baselight" folder. Using this file, LG-Cine Log can be registered and used as a new scene-referred color space.

Table 2. File list: Baselight

File Name	Description
LG_CineLog.flspace	Register LG-Cine Log as a new scene-referred color space.

### 4.2 Installing Baselight

- 1) Copy LG- CineLog.flspace file under the /usr/fl/etc/colourspace folder.

### 4.3 Using Baselight

- 1) Specify LG-Cine Log as the input color space of each sequence.

## 5 DaVinci Resolve

### 5.1 DaVinci Resolve

Use the files in the "for DaVinci Resolve" folder. You can use DaVinci Resolve by copying these files under the LUT folder of DaVinci Resolve.

(Note) The dctl file can be used normally in the Studio version only.

Table 3. File list: DaVinci Resolve

File Name		
LG-Cine Log_to_Rec709 2.4gamma_tonemapped.cube	Output color space	Rec.709 2.4 gamma (Rec. 1886)
	Description	Converts into the color profile for regular HDTV. Tone mapping has been applied to display the highlights.
LG-Cine Log_to_Rec709 2.4gamma.cube	Output color space	Rec.709 2.4 gamma (Rec. 1886)
	Description	Converts into the color profile for regular HDTV.
LG-Cine Log_to_Rec709 2.4gamma.dctl	Output color space	Rec.709 2.4 gamma (Rec. 1886)
	Description	Converts into the color profile for regular HDTV.
LG-Cine Log_to_P3DCI_tonemapped.cube	Output color space	P3 DCI
	Description	Converts into the color profile for the motion picture projector. Tone mapping has been applied to display the highlights.
LG-Cine Log_to_P3DCI.cube	Output color space	P3 DCI
	Description	Converts into the color profile for the motion picture projector.
LG-Cine Log_to_P3DCI.dctl	Output color space	P3 DCI
	Description	Converts into the color profile for the motion picture projector.
LG-Cine Log_to_ACES2065-1.cube	Output color space	ACES2065-1
	Description	Converts into the ACES color profile.
LG-Cine Log_to_ACES2065-1.dctl	Output color space	ACES2065-1
	Description	Converts into the ACES color profile.
LG-Cine Log_to_V30 display.cube	Output color space	V30 display
	Description	LUT applied as the display LUT of LG V30. Tone mapping has been applied to display the highlights.

## 5.2 Installing DaVinci Resolve

- 1) Open the “Project Settings” window by selecting File->Project Settings from the top menu.

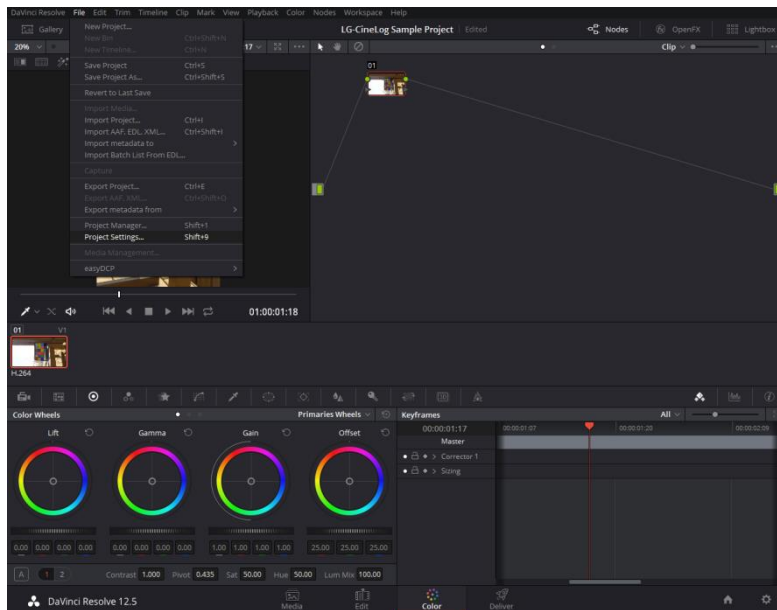


Figure 5. Opening the “Project Settings” window

- 2) Select Color Management from the “Project Settings” window and click “Open LUT Folder” of the Lookup Tables item to open the LUT folder.

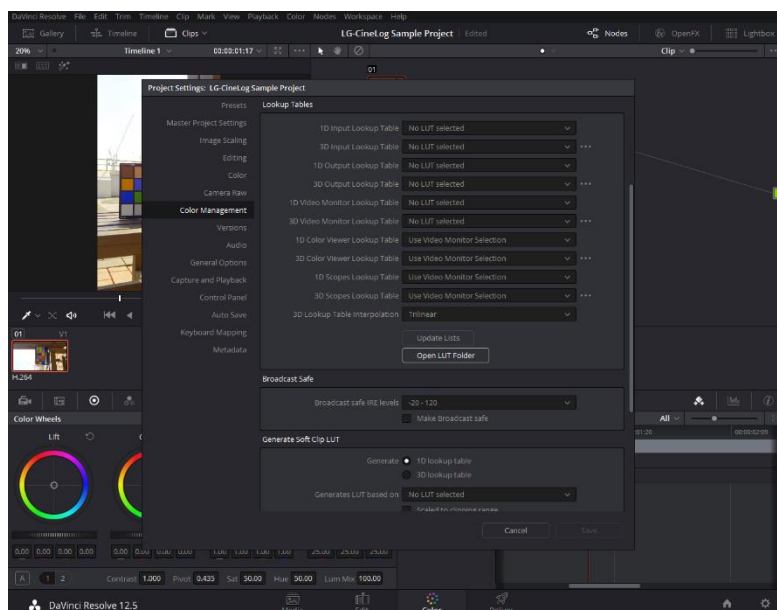


Figure 6. Clicking the Open LUT folder

- 3) Copy the files under the "for DaVinci Resolve" folder of the LG-Cine Log LUT package to the opened folder and click the [Update List] button in the Lookup Tables item.

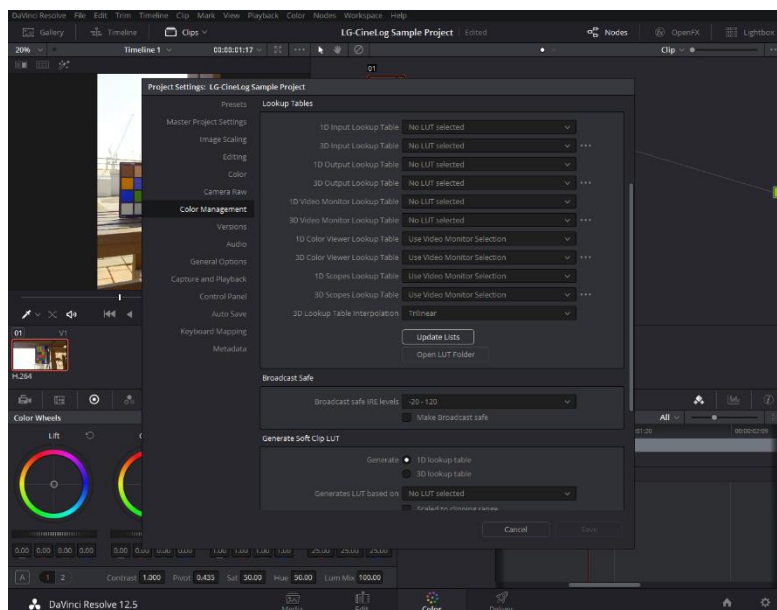


Figure 7. Click Update List after copying the files under the For DaVinci Resolve folder.

## 5.3 Using DaVinci Resolve

- 1) Select a footage to apply.

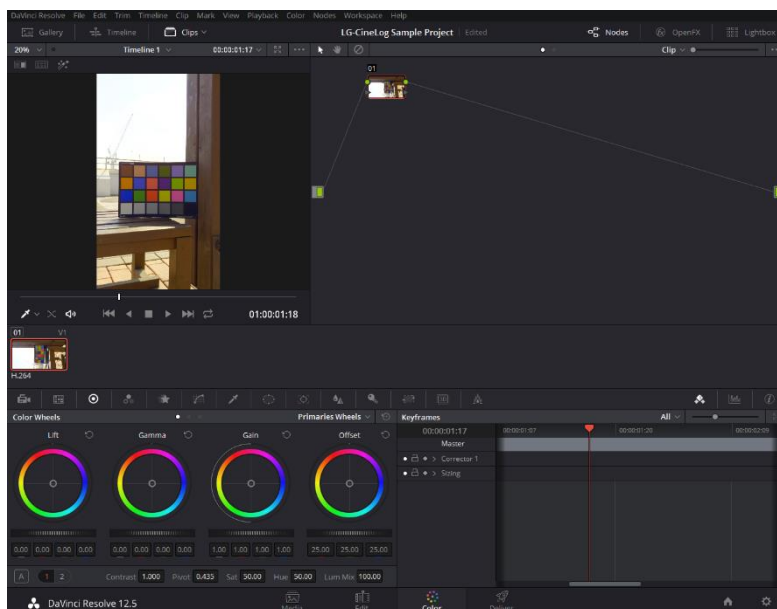


Figure 8. Selecting a footage to apply

- 2) Right-click the footage icon to call the menu and find the LUT for LG-Cine Log under the 3D LUT item.  
(Note) dctl files will be added to the DaVinci CTL item.

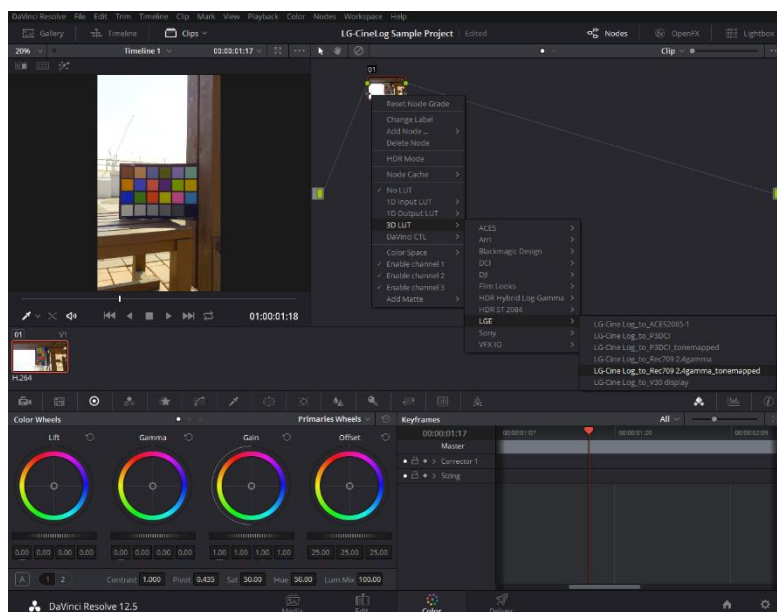


Figure 9. Finding the LUT for LG-Cine Log

- 3) Select the LUT that fits the color space to use.  
In this example, "LG-Cine Log\_to\_Rec709 2.4gamma\_tonemapped" is selected. As a result, colors are changed to the general Rec709 compatible look, not the unique look of LG-Cine Log.

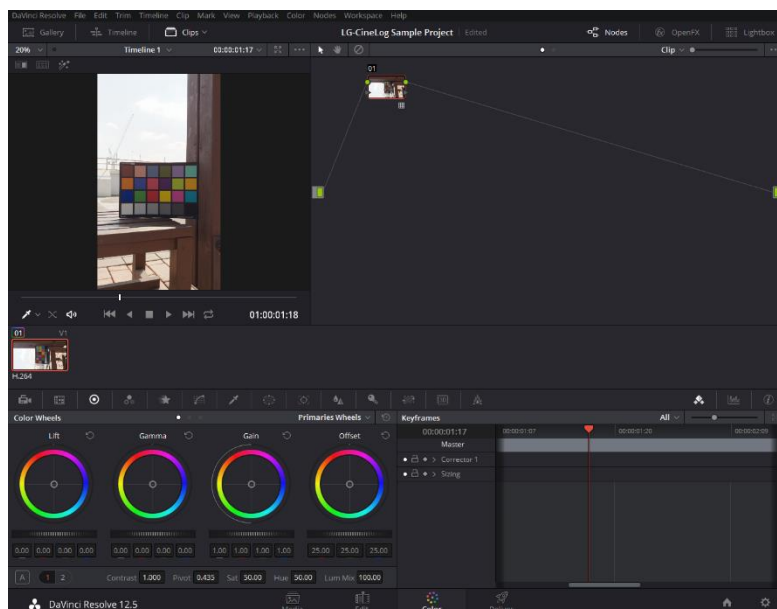


Figure 10. Selecting the LUT that fits the color space

4) Conduct color grading.

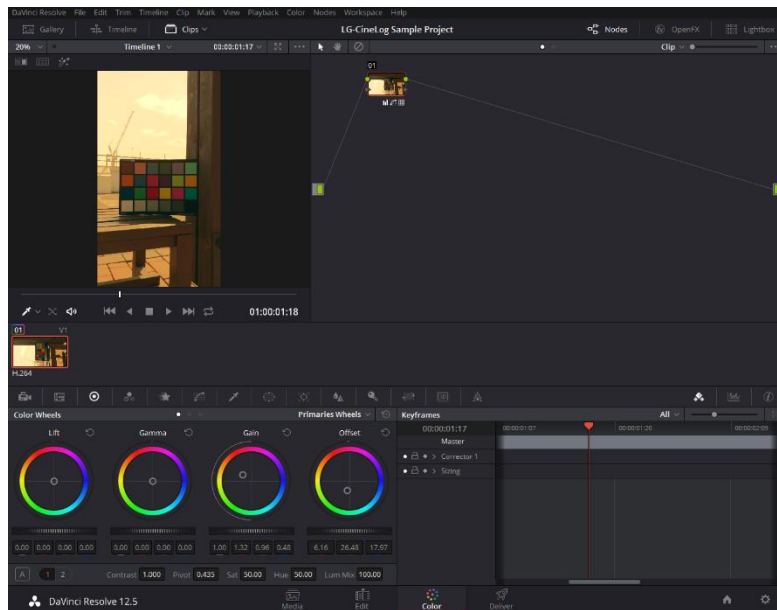


Figure 11. Conducting color grading