

Overview of 3D LUTs for F-Log

Ver.2.0

1. Introduction

This document describes the features of the 3D LUTs (3-Dimension Look-Up Tables) for F-Log which are loaded on FUJIFILM digital cameras. Each of the 3D LUTs is a preset for tone and color reproduction in the primary color correction for a movie production, which can be loaded into movie editing software.

2. Types of the 3D LUT

1) FLog_to_ETERNA

It is designed to create Film Simulation “ETERNA” image where the gamut complies with ITU-R BT.709.

2) FLog_to_ETERNA-BB

It is designed to create Film Simulation “ETERNA BLEACH BYPASS” image where the gamut complies with ITU-R BT.709.

3) FLog_to_WDR

It is designed to create a neutral image with a black level of 0 (using 10-bit depth) and a gamut that complies with ITU-R BT.709.

4) FLog_to_FLog-709

It is designed to create a neutral image with a black level offset so that its tone matches the F-Log data. This image’s gamut also complies with ITU-R BT.709.