Overview of 3D LUT for F-Log Ver.1.4

1. Introduction

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

2. Three Types of the 3D LUT

1）FLog_FGamut_to_ETERNA-BB_BT.709

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

2）FLog_FGamut_to_ETERNA_BT.709

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

3）FLog_FGamut_to_WDR_BT.709

It is designed to create a neutral image where the black level is 0 by 10 bit and where the gamut complies with ITU-R BT.709.

4）FLog_FGamut_to_FLog_BT.709

It is designed to create a neutral image where the black level has an offset as its tone is the same as the F-Log data. This gamut also complies with ITU-R BT.709.