

Overview of 3D LUT for F-Log Ver.1.0

1. Introduction

This document describes the features of the 3D LUT (3 Dimension Look Up Table) for F-log which is loaded on FUJIFILM X-T2. The 3D LUT is the preset of tone and color reproduction in the primary color correction for a movie production. Loading it to a movie editor or editing software makes it possible to create movies with a gamut and a tone fit to the F-log data.

2. Two types of the 3D LUT

1) 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.

2) 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.

3. FAQ

Q. Which Film Simulation is adopted for image processing by the 3D LUT?

A. Existing Film Simulation* is not adopted. The color reproduction is unique and designed to give a color correction.

*PROVIA, Velvia, ASTIA, Classic Chrome, PRO Neg.Hi, PRO Neg.Std, etc.

Q. Will a 3D LUT for any Film simulation going to be provided?

A. No, not at the present.

Q. Is the 3D LUT for day light or tungsten light?

A. . Predominately, the 3D LUT is for daylight but is also suitable for tungsten light.

Q. Is a 3D LUT for any Film simulation going to be provided?

A. No, not at the present.