

Input Transform ReadMe <EOS C700 Ver. 1.1>

Please contact the provider of your color management software for support concerning the use of Canon Input Transforms with your color management software package.

- Input Transform files (.ctl files) for the EOS C700

There are six types of Input Transform files (.ctl files) for the EOS C700: Type A through Type F. All six types can be applied to RMF files, MXF files, HDMI outputs, and SDI outputs.

Type A can be applied when the pre-conversion gamma is Canon Log 2, the color space is Cinema Gamut, and the color matrix is Neutral.

Type B can be applied when the pre-conversion gamma is Canon Log 2, the color space is BT.2020 Gamut, and the color matrix is Neutral.

Type C can be applied when the pre-conversion gamma is Canon Log, the color space is Cinema Gamut, and the color matrix is Neutral.

Type D can be applied when the pre-conversion gamma is Canon Log, the color space is BT.2020 Gamut, and the color matrix is Neutral.

Type E can be applied when the pre-conversion gamma is Canon Log 3, the color space is Cinema Gamut, and the color matrix is Neutral.

Type F can be applied when the pre-conversion gamma is Canon Log 3, the color space is BT.2020 Gamut, and the color matrix is Neutral.

You must also select the Input Transform file (.ctl file) that matches the light source's color temperature at the time of shooting. The appropriate "D55" file must be applied to images shot under normal light sources, other than tungsten light. And the appropriate "Tungsten" file must be applied to images shot under tungsten light or other low-color-temperature light sources.

There is no need to change the Input Transform file (.ctl file) to match ISO or Gain settings. All Input Transform files (.ctl files) are compatible with ACES Version 1.0.

No.	File Name	Gamma	Gamut	Color Matrix	Type	Light Source
1	IDT.Canon.EOSC700_CanonLog2_CinemaGamut_TypeA_D55.a1.v1.ctl	Canon Log 2	Cinema Gamut	Neutral	A	D55
2	IDT.Canon.EOSC700_CanonLog2_CinemaGamut_TypeA_Tng.a1.v1.ctl				A	Tungsten
3	IDT.Canon.EOSC700_CanonLog2_BT2020_TypeB_D55.a1.v1.ctl	Canon Log 2	BT.2020 Gamut		B	D55
4	IDT.Canon.EOSC700_CanonLog2_BT2020_TypeB_Tng.a1.v1.ctl				B	Tungsten
5	IDT.Canon.EOSC700_CanonLog_CinemaGamut_TypeC_D55.a1.v1.ctl	Canon Log	Cinema Gamut		C	D55
6	IDT.Canon.EOSC700_CanonLog_CinemaGamut_TypeC_Tng.a1.v1.ctl				C	Tungsten
7	IDT.Canon.EOSC700_CanonLog_BT2020_TypeD_D55.a1.v1.ctl	Canon Log	BT.2020 Gamut		D	D55
8	IDT.Canon.EOSC700_CanonLog_BT2020_TypeD_Tng.a1.v1.ctl				D	Tungsten
9	IDT.Canon.EOSC700_CanonLog3_CinemaGamut_TypeE_D55.a1.v1.ctl	Canon Log 3	Cinema Gamut		E	D55
10	IDT.Canon.EOSC700_CanonLog3_CinemaGamut_TypeE_Tng.a1.v1.ctl				E	Tungsten
11	IDT.Canon.EOSC700_CanonLog3_BT2020_TypeF_D55.a1.v1.ctl	Canon Log 3	BT.2020 Gamut		F	D55
12	IDT.Canon.EOSC700_CanonLog3_BT2020_TypeF_Tng.a1.v1.ctl				F	Tungsten

- Using the test images (TEST_SOURCE.DPX file)

The test images are provided as reference data on processing results for third-party vendors who are considering integrating Canon Input Transforms into their own applications. They are not actual images shot with the camera.

We do not guarantee that processing results will match the test images, as processing accuracy is dependent on the application being used.

File Name	File Description
TEST_SOURCE.DPX	Reference input data
TEST_OUTPUT_IDT.Canon.EOSC700_CanonLog2_CinemaGamut_TypeA_D55.a1.v1.exr	Processing results using IDT No. 1 noted above
TEST_OUTPUT_IDT.Canon.EOSC700_CanonLog2_CinemaGamut_TypeA_Tng.a1.v1.exr	Processing results using IDT No. 2 noted above
TEST_OUTPUT_IDT.Canon.EOSC700_CanonLog2_BT2020_TypeB_D55.a1.v1.exr	Processing results using IDT No. 3 noted above
TEST_OUTPUT_IDT.Canon.EOSC700_CanonLog2_BT2020_TypeB_Tng.a1.v1.exr	Processing results using IDT No. 4 noted above
TEST_OUTPUT_IDT.Canon.EOSC700_CanonLog_CinemaGamut_TypeC_D55.a1.v1.exr	Processing results using IDT No. 5 noted above
TEST_OUTPUT_IDT.Canon.EOSC700_CanonLog_CinemaGamut_TypeC_Tng.a1.v1.exr	Processing results using IDT No. 6 noted above
TEST_OUTPUT_IDT.Canon.EOSC700_CanonLog_BT2020_TypeD_D55.a1.v1.exr	Processing results using IDT No. 7 noted above
TEST_OUTPUT_IDT.Canon.EOSC700_CanonLog_BT2020_TypeD_Tng.a1.v1.exr	Processing results using IDT No. 8 noted above
TEST_OUTPUT_IDT.Canon.EOSC700_CanonLog3_CinemaGamut_TypeE_D55.a1.v1.exr	Processing results using IDT No. 9 noted above
TEST_OUTPUT_IDT.Canon.EOSC700_CanonLog3_CinemaGamut_TypeE_Tng.a1.v1.exr	Processing results using IDT No. 10 noted above
TEST_OUTPUT_IDT.Canon.EOSC700_CanonLog3_BT2020_TypeF_D55.a1.v1.exr	Processing results using IDT No. 11 noted above
TEST_OUTPUT_IDT.Canon.EOSC700_CanonLog3_BT2020_TypeF_Tng.a1.v1.exr	Processing results using IDT No. 12 noted above