



D6.3 Working with and visualising enhanced HDR tools



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Introduction

This deliverable aims to consolidate the guidelines and considerations for capturing HDR content and working with HDR specific tools during post production. Whilst the technical parameters of any HDR deliverable are clearly defined by the delivery specification of the transmission company, we have chosen to focus on the creative areas of the shoot and post production which are more open to interpretation by the artists, in order to deliver the master as envisioned by the Director.

At the current time where there is potentially a requirement for dual SDR and HDR deliverables, it is necessary to use specific HDR tools to deliver the same “feeling” to the end viewer irrespective of what viewing device they are using and achieving this without compromising the quality of the master.

Consideration must also be given to the duration of the material and where it will be transmitted, as this will influence how HDR is used – for example a 30 seconds commercial has greater scope for pushing HDR to showcase a client’s product, where as a 90 minute feature film would need to make a more selective use of HDR to help with the narrative of the story or to build atmosphere, especially once adaptation effects are taken into account.

Whilst the production material must be handled in an organic manner with consideration given to the primary deliverable to achieve the best results, we have also tried to quantify specific electronically generated elements such as titles and captions with the aim of defining a set of parameters that are acceptable to as wide an audience as possible.