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Critical Color Reviews - HDR

File Naming Conventions

Element	Example Format
Format	[SHOWNAME]*[CONTENT]*[TYPE]*[BITS]*[RANGE]*[COLORSPACE]*[DATE]*[ASPECT]*[RESOLUTION]_[VERSION]
Example	myshow_s01e01_vdm_10b_hdr_p3d65pq_20210323_220_3840x2160_ov

Video Format & Technical Specs

Parameter	Requirement
Container	Quicktime MOV
Codec	Apple ProRes HQ or higher

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Container Size	Native deliverable (e.g. 3840x2160, 4096x2160)
Pixel Aspect Ratio	1:1
Active Image Size	Native deliverable (e.g. 3840x1920 for 2.0)
Color Space	P3
White Point	D65
EOTF	PQ / ST.2084
Frame Rate	Native deliverable (e.g., 23.976, 24, 25, etc. NDF)

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Timing Structure

Section	Requirement
Start of File	1 second black & silence
Runtime	PROGRAMME
End of File	1 second black & silence

Additional Instructions

Requirement	Description
Burn-ins for WIP	Add WIP burn-ins in active image area where not final (VFX, credits)

Metadata

Requirement	Description

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Dolby Vision	Sidecar XML file covering media duration (if available)
Subtitles	Separate .SRT file; include start TC in filename (if available)

Audio Configuration

Parameter	Requirement
Mix	Nearfield Print Master
Codec	Uncompressed Linear PCM
Sample Rate	48 kHz
Bit Depth	24-bit

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Track Layout Options

Option	Delivery Format	Channel Order
Option 1	5.1 (embedded/separate WAV)	Left, Right, Center, LFE/Sub, Left Surround, Right Surround
Option 2	2.0 (embedded/separate WAV)	Left, Right
Option 3	ATMOS (BWAV ADM file)	Separate file, same length as video

For ATMOS, reach out to a GEM Quality Control Representative.

By following these comprehensive tables, GEM ensures HDR color reviews are consistently reference-grade and fully prepared for advanced creative and technical decision-making.