

Baselight ONE

High quality cost-effective grading and finishing

FilmLight



A complete grading and finishing solution combining powerful fully-featured Baselight software with dedicated high-performance hardware

Baselight ONE is a complete system providing a cost-effective solution for today's grading and finishing requirements. It is based on a specifically-configured HP workstation and incorporates the same extensive software features found on the higher end Baselight systems.

The tower system is quiet enough to run desktide and comes in a diskless version with a high-performance 15.3TB NVMe SSD internal cache, which you can attach to your own or FilmLight-supplied centralised storage - such as FLUX Store, our high-speed media server. It is also available with the option of 360TB of external, high-speed RAID 60 storage.

High performance platform

Baselight ONE is based on the same high performance hardware platform used in higher end Baselight systems, ensuring maximum quality and providing the highest levels of reliability and uninterrupted service.

Customised operating system

Post-production is a very demanding environment requiring the ultimate combination of computing power and stability. To ensure maximum performance and reliability, Baselight ONE runs on a purpose built 64-bit Linux operating system designed to match the hardware platform perfectly.

Direct access and remote storage

Baselight ONE incorporates very high-speed internal storage for the cache, which is also optimised for media files (when the storage option is purchased). Building the storage directly into the processing architecture allows Baselight ONE to perform multiple simultaneous read and write operations at speeds far greater than can be achieved with externally attached storage, plus it enables background caching, which greatly improves the responsiveness of the system.

Comprehensive format support

Baselight ONE provides native support for professional image file formats. Multiple media types including DPX, R3D, ProRes and DNxHD can be freely mixed in the same timeline and will play back directly without any need for transcoding.

A major benefit of Baselight ONE is its ability to work directly with native raw footage from digital cameras, with or without optional third party decoding accelerator hardware.

OpenEXR files are also supported for input as well as output and extended range native camera formats such as RED Epic can be played back directly from the timeline.

Cloud integration

Baselight ONE connects directly into a Baselight Cloud network enabling seamless job-sharing across multiple FilmLight systems, including Daylight and Baselight Editions platforms, and providing high speed access to data on remote systems via 20gigabit network fabric.

Professional control surface

Baselight ONE is designed to work perfectly with our world-renowned Blackboard 2, Blackboard Classic and Slate control surfaces, combining style and performance with maximum control and ease of use. Built-in support is also provided for other control panels including Avid Artist Color and the Tangent Wave and Element panels.

Key features

- » Compact and powerful integrated hardware and software solution with optional 360TB external, high-speed RAID 60 storage.
- » 15.3TB NVMe SSD cache.
- » 10 gigabit Ethernet interface module with dual on-board 10GBASE-T ports (does not use up a PCIe slot).
- » Support for Blackboard 2, Blackboard Classic, Slate and other control surfaces including Avid Artist Color and the Tangent Wave and Element panels.
- » Play back and grade raw digital camera footage directly from the timeline with no transcoding.
- » Supports real time 4K DI without proxies in addition to SD, HD and other resolutions.
- » Video output hardware provides support for SD to HD, 2K and 4K with full 10-bit 4:2:2 and 4:4:4 colour at display frame rates up to 60P - including stereo.
- » HDMI 2.0b output capable of displaying 4K/UHD on the latest UltraHD monitors - making UltraHD monitoring more affordable.
- » Automatic background rendering and high-speed disk caching for instant real-time playback.
- » Exchange projects directly with other FilmLight systems and platforms via a high-speed cloud network.
- » Full support for grade import and export using the FilmLight BLG file format.
- » Simple bidirectional project exchange between Baselight and Avid/FCP editing systems through extensive AAF/XML and native media support.
- » Total compatibility with other FilmLight systems including Daylight and Baselight Editions, plus easy integration with other systems and workflows.

Baselight ONE options

Several hardware and software options can be added to enhance the capabilities of the Baselight ONE system:

360TB high-performance external storage

Available with 24x 18TB of external, high-speed RAID 60 storage totalling 360TB protected capacity in a 2U chassis.

Second 15.3TB NVME SSD cache

Providing a 30.7TB high-performance cache.

Fibre Channel interface

Provides connectivity to supported SAN storage.

40/56 Gigabit Ethernet interface card

Available with QSFP28 40/56GbE single-port card for connection to Baselight Cloud and other systems.

12G-SDI Digital Video Output

See the *Baselight 12G-SDI* datasheet on the FilmLight web site for details.

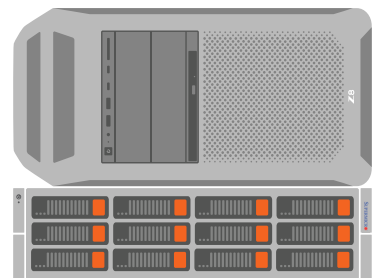
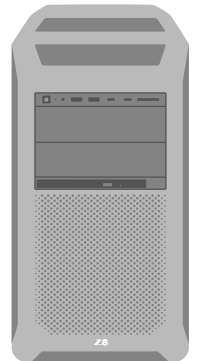
Physical specifications

Tower unit

Dimensions (WxHxD)	444.5x215.9x551.2mm
Weight	23.1kg (50.9lbs)
Power	1450W with input 100-240Vac

External storage unit

Dimensions (WxHxD)	203x40x735mm
Weight with disks	38kg (83.8lbs)
Power	2x 1000W with input 100-240Vac 1+ 1 redundant



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