

Illuminating Insights

Revealing the most subtle and unique features of a sample is the key to insightful analysis. Channeling the power of light, Olympus presents a wide range of illumination solutions to enhance the contrast of any sample, with any illumination technique - to produce sharp and clear images. Each illumination module is carefully integrated into the complete stereomicroscope system, guaranteeing expert results every time in every application.

Utilizing the latest high-intensity, low energy LED technology, the optimum illumination presents samples in their best light, with maximum convenience. Visible color temperature is retained during stepless dimming, to deliver balanced images at the ideal illumination intensity, without the need for extra filter adjustments. For situations where familiar daylight illumination is desired, Olympus also offers halogen illumination.

For every application, choosing the best illumination setup is essential for image quality – and Olympus provides a solution for every need.



A Compact Solution with EasyLED

Ergonomics meets easy operation with the EasyLED series. Merging illumination and control functionalities into a single compact unit saves valuable workbench space, and with the lighting now controlled directly on the microscope, setting the perfect light level has never been so simple



Taking control with VisiLED

Answering the needs of the most specialized of tasks, the modular VisiLED series is built on flexibility and quality. Molding the lighting setup to each application, a number of high-performance ring lights and light stages enable high-intensity illumination or even a combination of techniques. This range includes an extra-slim ring light, for example, that not only allows the use of two objectives simultaneously, but can also be used for both brightfield and darkfield illumination. Moving beyond the possibilities of conventional illumination, the perfect contrast method is realized through excellent electronic control of light segmentation.



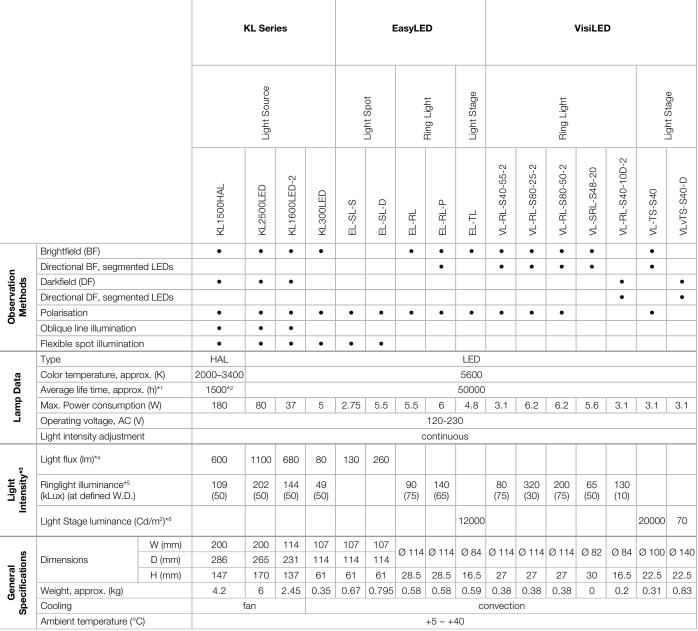
Maximized flexibility with the KL Series

Delivering intense yet uniform illumination, with the diverse KL Series there is a perfect combination to suit every application – from compact to high-end solutions, and halogen as well as LED light sources. The modular setup provides ultimate flexibility, and the wide variety of available light guides include different spot illumination, ring lights, light stages and light lines. Light can also be coupled into the stereomicroscope setup for tasks requiring transmitted or coaxial illumination.



Accessorizing for a perfect fit

With a variety of mounting units and adapters, the perfect combination of lighting equipment can be achieved on any Olympus stereomicroscope configuration. For unique, individual applications, Olympus also supplies an assortment of different color, conversion and polarization filters.



Max. decline of light output to 70% of origin level



Stereo Microscope Lighting

KL Series/EasyLED/VisiLED

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^{*2} Using the ECO level

³ Different illumination methods require different methods in order to measure the perceived light intensity. Values can only be compared, if the same measurement method and the same

^{*5} Values refer to brightfield illumination except for VL-RL-S40-10D-2, which is especially designed for darkfield illumination

¹⁶ Values refer to brightfield illumination except for VL-TS-S40-D, which is especially designed for darkfield illumination.

Illumination devices for microscope have suggested lifetimes. Periodic inspection is required. Please visit our website for details. All company and product names are registered trademarks and/or trademarks of their respective owners.

Images on the PC monitors are simulated. Specifications and appearances are subject to change without any notice or obligation on the part of the manufacturer



Pricing on any accessories shown can be found by keying the part number into the search box on our website.

The specifications listed in this brochure are subject to change by the manufacturer and therefore cannot be guaranteed to be correct. If there are aspects of the specification that must be guaranteed, please provide these to our sales team so that details can be confirmed.

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