

EasyLED

Ringlight Plus



Lighting and Imaging

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SCHOTT EasyLED

Ringlight Plus

The EasyLED series is an innovative illumination system specially designed for stereo microscopy.

Employing the newest technologies, SCHOTT has integrated high brightness LEDs and controller electronics into the head of the illuminators. This saves space on the workbench and allows easy and ergonomic operation, directly on the microscope. There is no need to remove the eyes from the eyepieces to find a controller box somewhere on the bench. Continuous dimming and a separate on/off switch keep settings unchanged for the next day's session.

The Ringlight Plus lighthead is additionally controllable in segments, which enables new contrasting methods. The integrated „jog dial“ wheel allows an easy and intuitive switching between the different illumination modes as well as rotation of the segments to both directions.

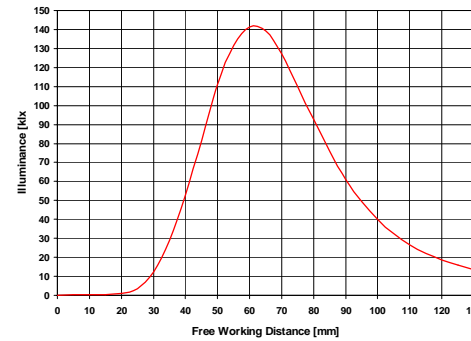
EasyLEDs DC-driven light is neutral white (approx. 5,600 K) and absolutely flickerfree. It generates images of excellent color fidelity and is well-suited for use with digital cameras.

Robust, black anodized metal housings and well-designed heat management, afford outstanding brightness and lifetimes of 30,000 hrs.

Due to the fanless design, EasyLEDs are quiet, free of vibration and can be used in cleanrooms as well as rough environments.

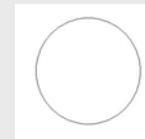
Saving on halogen bulbs, clearly reduced energy, service and downtime costs, make EasyLEDs a very attractive choice compared to halogen light sources.

A comprehensive set of accessories such as ring adaptors, polarizers, protection glasses, diffusers, etc. help to fit EasyLEDs to almost any stereo microscope.



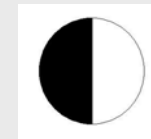
Ringlight Plus

- 48 high brightness LEDs
- color temperature 5,600 K
- easy adaption on various microscope objectives (Ø 66 mm / adaptors available)
- integrated controller for continuous dimming (0 - 100%) and separate on/off switch
- basic segment features and segment rotation
- integrated „jog dial“ wheel for easy and intuitive operation
- wide range of working distances: 50 – 130 mm
- maximum illuminance: 140 klx (at 65 mm working distance)



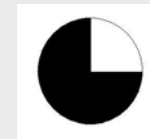
Full-circle mode

homogeneous incident brightfield illumination (ringlight)



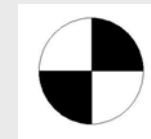
Semi-circle mode

oblique planar incident brightfield illumination (light line)



Quarter-circle mode

oblique incident brightfield illumination (e.g. gooseneck)



Two quarter-circle mode

oblique bilateral incident brightfield illumination (e.g. dual gooseneck)