SCHOTT
glass made of ideas

EasyLED Series

Standard illumination for stereo microscopy

SCHOTT is a leading international technology group in the areas of specialty glass and glass-ceramics. With more than 130 years of outstanding development, materials and technology expertise we offer a broad portfolio of high-quality products and intelligent solutions that contribute to our customers' success.

Light is a key element in stereo microscopy. By using the correct illumination it can make hidden details visible and enhance the contrast of the objects to distinguish the feature of interest. A wide variety of tasks from life science to industrial applications require very different illumination techniques. SCHOTT is able to offer the full range of fiber optic and LED lighting products with an extensive range of accessories to meet your specific needs.

Contents

The EasyLED product line
integrates advanced LED illumination with control functions in a single compact device.
It is the ideal standard illumination system for routine inspections and education.

EasyLED Ringlights

Professional incident illumination

The EasyLED Ringlight offers an extreme homogeneous and shadow free illumination in a robust metal housing and well designed heat sink to enable a maximum brightness of 140 kLux with a long lifetime of at least 50,000 hours. SCHOTT has developed and designed this multi LED light head to provide an attractive alternative to conventional cold light sources with fiber optics.

The EasyLED Ringlight Plus has the additional advantage of controllable segments , which enables new contrasting methods. The integrated "jog dial" element allows an easy and intuitive switching between the different illumination modesas well as rotation of the segments to both directions.

Features

- Powerful illuminance
- Compact & ergonomical
- Integrated controller
- Segmentable
- Mountable direct to the microscope objective
- Wide range power supply
- International clip plug system

EasyLED Backlights

Uniform backlight illumination

The EasyLED transmitted light stage offers an extreme homogeneous illumination in a robust metal housing and a SCHOTT Opalika® surface for all kinds of transparent specimen.

It has a well designed heat sink to maximize light density up to 12,000 cd/m² and a long lifetime of at least 50,000 hours. SCHOTT has developed and designed this multi LED light head to provide an attractive alternative to conventional cold light sources with fiber optics.

Features

- Powerful light density
- Compact & ergonomical
- Integrated controller
- Scratch resistant surface
- Wide range power supply
- International clip plug system

EasyLED Spotlights

Advanced spot illumination

Due to its smart design, the EasyLED Spotlight Plus can be mounted to any microscope stand or pillar. The dimming control is ergonomically placed to the focus control of the microscope. The robust metal light head emits intensive 130 lm and is equipped with special cooling lamellae that prevent the object that is being illuminated from heating up under the microscope with a long lifetime of at least 50,000 hours.

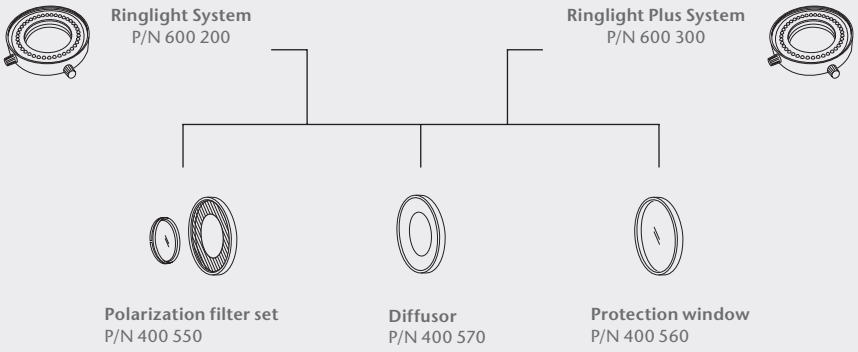
SCHOTT has developed and designed this single LED light head to provide an attractive alternative to conventional cold light sources with fiber optics.

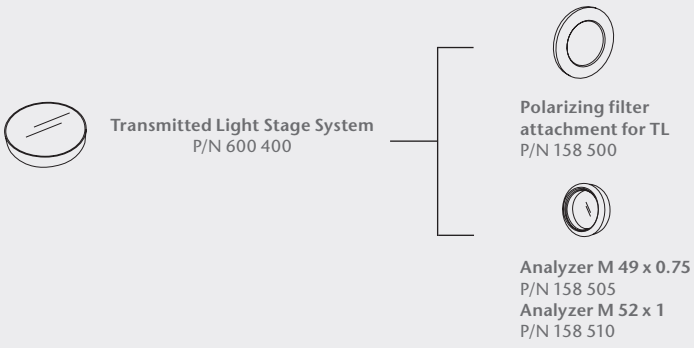
The EasyLED Spotlight Plus comes in two different versions: as an individual spotlight with a single lighting head and as a double spotlight with two lighting heads.

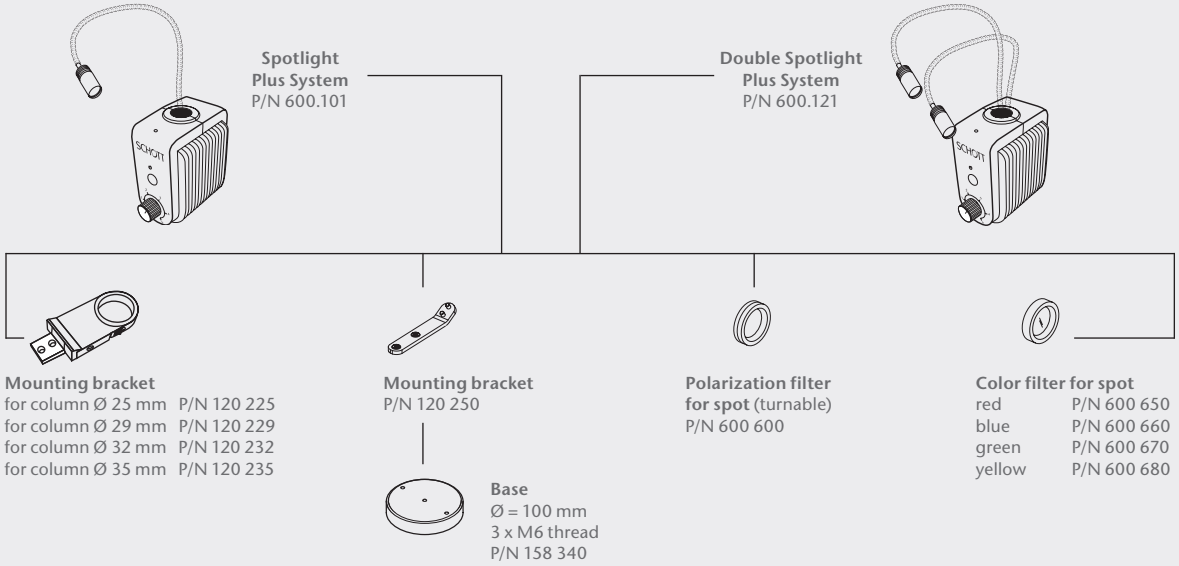
Features

- Powerful light flux
- Compact & ergonomical
- Integrated controller
- Extra contrast with alternating light
- Mountable direct to the stand or pillar
- Wide range power supply
- International clip plug system

System diagram for EasyLED series







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