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MICROSCOPY + METROLOGY SERVICES

Swisse made.

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Photonic High Power Ringlight for Stereo Microscopes

PHOTONIC

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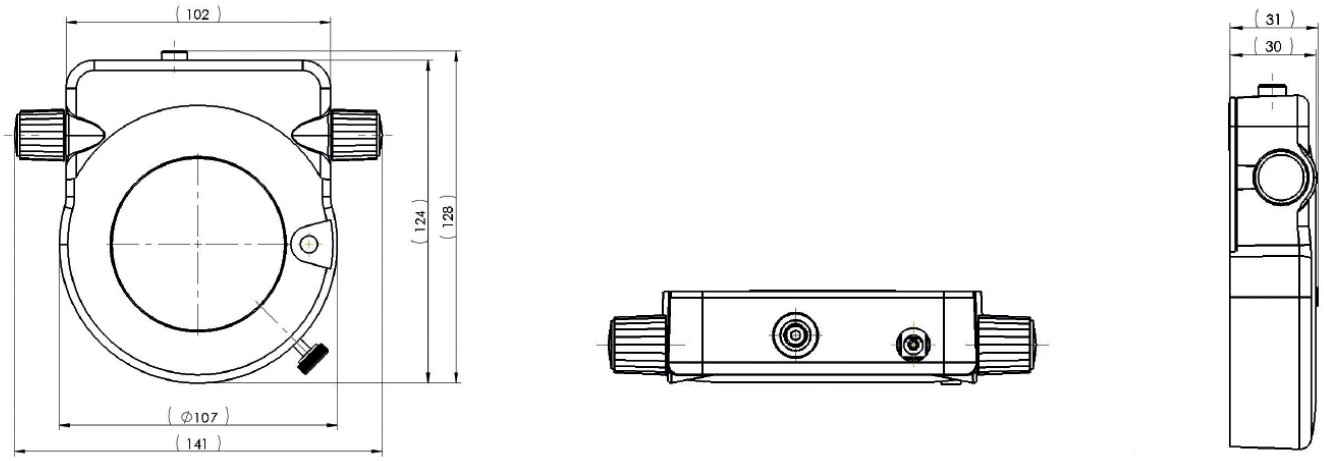
Photonic High Power Ringlight for Stereo Microscopes

HIGH POWER RINGLIGHT FOR MICROSCOPY

FOCUS ON USABILITY

- Fully integrated control - no controller box required
- Ergonomic operation
- High brightness - homogenous spot
- Adjustable working distance (45-130mm and 80-300mm)
- Continuous dimming from 1 – 100% (flicker-free)
- Individual segment control
- Autorotation with variable speed
- High-quality scratch-resistant varnish
- Passive cooling with minimum heat generation
- Reproducible settings and comprehensive functions
- Right- and left-hand operation
- Remote control via USB, Bluetooth or footswitch (optional)



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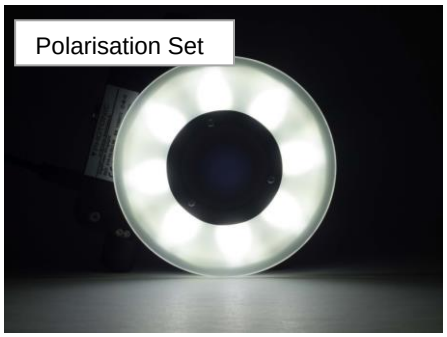
Photonic High Power Ringlight for Stereo Microscopes

Technical Data:

LED	8 High Power LED
Color temperature	5800K
Life time L_{70}	ca. 25.000h
Working distance	Near field position of the lens: 45-130mm far field position of the lens: 80-300mm
Brightness	210kLux at 50mm near field position 170kLux at 90mm far field position
Illumination spot	Ø45mm at 50mm working distance
Brightness control	Continuous dimming between 1-100%
Segment control	Half-, quarter- und eight circle
Autorotation	Adjustable speed
Control	Separate ON-/OFF switch pressure and rotation regulator
Optic	Manual switch between near and far field operation
Mounting	Compression fitting with objectives with 66mm diameter
Power supply	24V DC wide range power supply 100-240V, 50-60Hz
Power consumption	8 Watt
Accessories	Polarization filter, diffusor, adaptors for all objective diameters
Rear connections	DC connection, ESD connection
Footswitch 3,5mm jack plug	Remote version only
USB typ C plug	Remote version only
Bluetooth connection	Remote version only
Dimensions (WxDxH)	107x128x31mm
Weight	300g (without power supply)
Operating conditions	10-40°C, max 75% relative humidity at 35°C, max. 2000m sea level, 800-1060hPa,
Storage and transport	-40°C to +70°C, max 75% relative humidity at 35°C not condensing
Transport	-40°C to +70°C
Confirmation (CE)	EMV guideline 2014/30/EU Low Voltage Directive 2014/35/EU for power supply RoHS 2011/65/EU



Ryf SAP no. 10102: High Power Ringlight, basic version

Ryf SAP no. 10103: Polarization Filter Set for the High Power Ringlight

Ryf SAP no. 10104: Diffusor Set for the High Power Ringlight

Please ask for the adapter to your stereo microscope, we do have adapters for all common microscopes from NIKON, Zeiss, Leica and Olympus, but also for Motic and Optika as many others.
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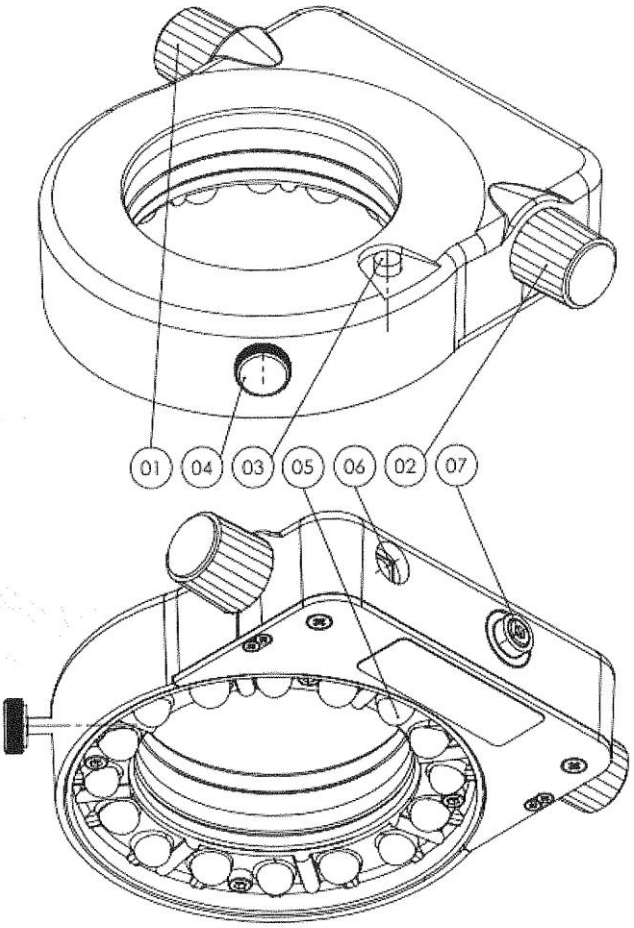
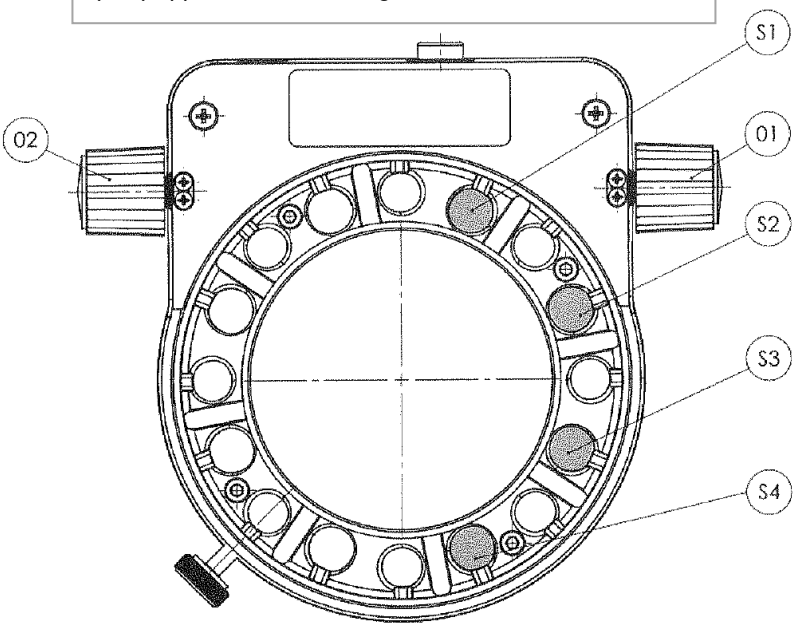


1. Left rotary encoder button (= segment selection)
2. Right rotary encoder button (= brightness control)
3. On / off switch
4. Clamping screw for fastening
5. Ring lens (two positions, depending the requested working distance)
6. DC socket for the power supply
7. ESD connector
8. Bluetooth swich and LED (option, not incl. in the basic version)
9. Socket for foot swich (also optional)
10. 10 USB Port (also optional)

Settings:
You can enter the setup by pressing both encoders (1+2) approx. 4 secons long.



There are 4 setting points for witch one LED (S1 to S4) is available for each.
By turning the encoder (1), you can control the desired setting point.
Pressing the same encoder (1) changes the value of this setting.
The set value is indicated by the flashing or lighting of the respective LED

For further details please refer to our Homepage www.ryfag.ch

Or the direct Link to the manual:
https://ryfag.ch/en/products/illuminators?f[0]=field_katalog%3A733

www.ryfag.ch June 2017