

MICROSCOPY • METROLOGY SERVICES

Spilsse made.

RYF AG
Showroom, Sales Office
Sales Office

RYF AG Showroom Bettlachstrasse 2 CH-2540 Grenchen Tel +41 32 654 21 00 Fax +41 32 654 21 09 RYF SA Showroom, Sales Office Route de Genève 9c 1291 Commugny Tél +41 22 776 82 28 Fax +41 22 776 82 29

Sales Office Im Hanselmaa 10 8132 Egg / Uster Tél. 043 277 59 99

ryfag@ryfag.ch

The glare free LED Ringlight Ryf NKL-12 LED





MICROSCOPY • METROLOGY SERVICES

Spisse made.

RYF AG
Showroom
Sales Office
Sales Office

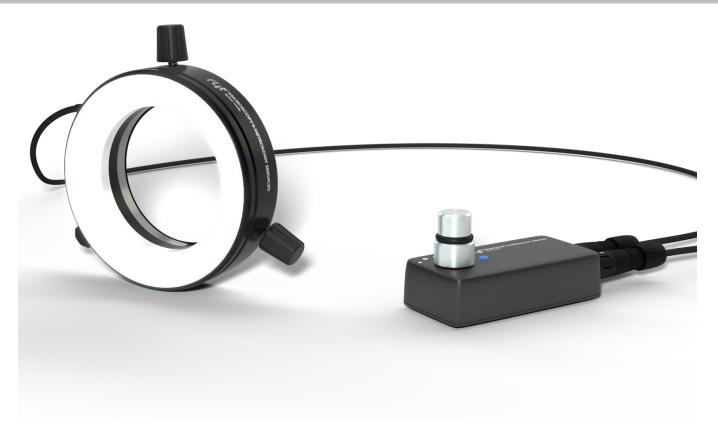
Showroom
Bettlachstrasse 2
CH-2540 Grenchen
Tel +41 32 654 21 00
Fax +41 32 654 21 09

RYF SA Showroom, Sales Office Route de Genève 9c 1291 Commugny Tél +41 22 776 82 28 Fax +41 22 776 82 29

Sales Office Im Hanselmaa 10 8132 Egg / Uster Tél. 043 277 59 99

ryfag@ryfag.ch

The glare free LED Ringlight Ryf NKL-12 LED







MICROSCOPY • METROLOGY SERVICE

Suisse made.

RYF AG
Showroom Sales Office Sales Office

Showroom
Bettlachstrasse 2
CH-2540 Grenchen
Tel +41 32 654 21 00
Fax +41 32 654 21 09

RYF SA Showroom, Sales Office Route de Genève 9c 1291 Commugny Tél +41 22 776 82 28 Fax +41 22 776 82 29

Sales Office Im Hanselmaa 10 8132 Egg / Uster Tél. 043 277 59 99

ryfag@ryfag.ch

The glare free LED Ringlight Ryf NKL-12 LED

LED Ryf NKL-12 LED: THE Perfect Illumination for Stereo Microscopes

The Ryf NKL-12 LED light series, designed for perfect illumination in stereomicroscopy.

It is the state of art solution in the quality control business for example watchmaking as well as Medical devices and automotive manufacturing.

The Ryf NKL-12 LED with a standard diameter of 66mm provides a uniform, shadow-free, homogeneous and very stable light with 550 lm.

It is compatible with all types of cameras and stereo microscopes.

The basic version, as well as the segment version, is made of long-life 5'700°K Daylight white LEDs.

The integrated high quality diffuser is reducing the glare to zero, as with our classic neon ring lights NKL18 / NKL-12c. Adapter Rings allow the ring light to be adapted or clamped to all types of Stereomicroscopes.

- Energy-saving lighting technology
- Long LED life of up to 50,000 hours
- Available with neutral white / Day light white LEDs at 5700°K
- Smooth and shadow less lighting, no LED reflections, shadow free
- Flicker-free
- Continuous and stable brightness adjustment from 0% to 100%.
- Adaptable to smaller diameters up to 50mm by using reduction rings
- Simple and cavity-free mounting with (3) steel clamping screws (hex key screws) as on the Ryf RL4b
- Equipped with high quality connectors with snap lock









MICROSCOPY O METROLOGY SERVICES

Sµisse made.

Showroom
Bettlachstrasse 2
CH-2540 Grenchen
Tel +41 32 654 21 00
Fax +41 32 654 21 09

RYF SA Showroom, Sales Office Route de Genève 9c 1291 Commugny Tél +41 22 776 82 28 Fax +41 22 776 82 29

Sales Office Im Hanselmaa 10 8132 Egg / Uster Tél. 043 277 59 99

ryfag@ryfag.ch

The glare free LED Ringlight Ryf NKL-12 LED

Technical Data Luminous flux approx. 550 lm **Color temperature** 5.700 K (pure white) Color rendering index (CRI) ≥ 90 **LED life span** 54.000 h (L70, according to manufacturer) adjusting 0 - 100% with memory function **Brightness control sensitive** Power consumption approx. 9 W Input power supply 100 - 240 V AC, 50/60 Hz **Output power supply** 24 V DC, 1 A Height 30 mm **Outer diameter** 99 mm Inner diameter 66 mm Clamping diameter max. 66 mm 850mm 1400mr Length supply line Length power cord Material nodized aluminium body black Color approx. 250 g Weight **Dimensions control unit** $(l \times w \times h)$ 78 mm \times 38 mm \times 21 mm



All mechanical parts are manufactured by RYF Prototec AG
Final assembly in Germany