

The glare free LED Ringlight Ryf NKL-12 LED

100% glare-free LED Ring Light in perfection

- No LED reflections, similar to our NKL12c!
- Completely glare & shadow free
- Daylight white with 5'700°K
- Extremely homogeneous illumination
- Very good color rendering index (CRI)
- 4 switchable segments with variable rotation speed...



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4 switchable segments with variable rotation speed



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

The Ryf NKL-12 LED-S 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-S 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
- **4 switchable segments with variable rotation speed**
- 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

Purchase order SAP number:
No. 100-012825: Ryf NKL-12 LED-S



www.ryfag.ch



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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)
Brightness control sensitive	continuous adjusting 0 - 100% (4 segments with different rotation modes)
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
Inner thread	M67 x 0.75
Length supply line	850 mm
Length power cord	1400 mm
Material	anodized aluminum body
Color	black
Weight	approx. 260 g
Dimensions control unit	(l x w x h) 78 mm x 38 mm x 21 mm



RYF PROTOTEC AG
SWISS CNC MACHINING & PRECISION TOOLING



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