

# LED Headlight

Powerful LED Illumination



otopront®

# LED Headlight

The ultra bright and compact LED HeadLight for powerful, coaxial illumination.

**50,000 Lux of bright, white light.** With a reference Colour Temperature of 6,250 Kelvin and an extraordinary 50,000 Lux of Illumination.

**Compact and lightweight.** The compact design ensures clear, unobstructed co-axial illumination. The LED HeadLight weighs only 70 grams, ensuring user comfort even during long periods of use.

**Flexibility.** Continuously-adjustable spot size and brightness control. Mains or portable power supply. Integrated attachment options for HR / HRP Binocular Loupes and Prism optics for Video adaptation.

**Micro-Absorption System** for the Integrated Cooling Fan ensures quiet and vibration-free operation.

**Optional yellow filter** reduces blue light. Can be selected to avoid premature hardening of composite materials.

## Technical Data

<b>Illumination</b>	50 000 Lux at a working distance of 250 mm.
<b>Colour Temperature</b>	Reference Colour Temperature of 6,250 Kelvin
<b>LED Operating Life</b>	1 W Super-High Output LED rated at 50,000 hours operating life
<b>Spot Adjustment</b>	Continuously-adjustable Iris Aperture, 20 mm to 100 mm illuminated field diameter (at 500 mm). Small diameter is ideal for ENT and Dental Applications.
<b>Angle of Declination</b>	Fully Adjustable for precise user selection.
<b>Rheostat</b>	Headband-mounted. Positive 'Off' Switch. Illuminated 'On' indicator. Integrated voltage regulator.
<b>Optics</b>	Advanced multi-coated glass optics for maximum brightness
<b>Operating Time</b>	10 hours with mPack and Li-ion battery for 70 % more capacity than with conventional rechargeable batteries. 4 hours with mPack UNPLUGGED. Unlimited operating time when connected directly to mains power supply.
<b>Power Sources</b>	Plug-in transformer, mPack, EN 50, mPack UNPLUGGED, EN 50 UNPLUGGED

All designs and specifications subject to change without notice.