



ENDOLIGHT LED

The Future in New Light

ENDOLIGHT LED – The Future in a New Light

New Light – LED advances

Light is the basis for surgical precision and appropriate diagnoses. Xenon-based light sources are the medium of choice. However, the endoscopic operating field will be illuminated in a new light in the future. LED technology is already able to replace 180 watt xenon lighting and is already the key module for the future of endoscopic light sources.

More vibrant colors – how LED revolutionized endoscopic visualization

LED light sources present the endoscopic image in a realistic light. Experience the highest level of brightness and realistic colors for imaging with all the relevant details.

- More efficient:** Very high lifetime (typically: 30,000 hours) and no maintenance for the LED
- More ecological:** Lower energy consumption than xenon and halogen yet improved light yield
- More hygienic:** Less dust as a result of more efficient fan installation
- More detailed:** Improved visualization of the operating site as a result of homogeneous illumination and colors that are true to life (color temperature similar to sunlight), good tissue differentiation
- More constant:** Uniform color temperature over the entire lifetime of the LED

ENDOLIGHT LED 1.3 – LED technology in perfection

The ENDOLIGHT LED light source from Richard Wolf combines clear, intensive light with convenience and innovative application. Just right for your operating room.

ECO concept with LED. Long lifetime, low energy consumption and no maintenance for the LED are mutually complementary to create a highly efficient system. You save time, costs and also make a contribution to lower consumption of resources.

- Dialog:** Automatic regulation of the amount of light with ENDOCAM® for perfect adjustment of the relevant situation in the operating room with the aim of safeguarding the endoscope as much as possible
- Concentration:** Low-noise ventilation concept for a calmer atmosphere in the operating room
- Information:** All relevant data and parameters are clearly displayed on the touchscreen
- Safety:** SAFE START* function for more safety in the operating room and for your patients
- Comfort:** Remote standby function at the camera head for simple operation
- core:** Capability for integration in the digital OR

*SAFE START: If the operating voltage is interrupted for less than 10 seconds, light source switches back on again automatically. After longer interruptions to voltage, the high-power light source initially switches to standby for safety reasons.



More flexibility

The ENDOLIGHT offers the right solution for every need. The choice is yours:

**ENDOLIGHT
LED 1.1**



The basic model

- Efficient and cost-saving
- Manual control for the amount of light
- R. WOLF light socket

ENDOLIGHT LED 1.1 Set

Comprising:
ENDOLIGHT LED 1.1 (5160001)
and power cable (2440.03) 51600011

**ENDOLIGHT
LED 1.2**



The version with smart details

Like 1.1, also with:

- Multifunction light socket for light cables from different manufacturers
- Remote-standby at the camera head for light On/Off
- Light cable identification – standby, if the light cable is removed
- SAFE START*

ENDOLIGHT LED 1.2 Set

Comprising:
ENDOLIGHT LED 1.2 (5161001)
and power cable (2440.03) 51610011

**ENDOLIGHT
LED 1.3**



dialog



**The high-end unit
with smart control**

Like 1.2, also with:

- Dialog function
- Remotely controllable in **core**
- Touchscreen with large status display

ENDOLIGHT LED 1.3 Set

Comprising:
ENDOLIGHT LED 1.3 (5162001), CAN Bus connection cable (103.701), CAN Bus terminator (5590.989)
and power cable (2440.03) 51620011

M E D I C A L

V E T E R I N A R Y

I N D U S T R I A L

Specifications subject to change without notice.

KRAFT  JUNG

A 665.II.12.GB.1