

STORZ POWER LED RUBINA TL400



ABOUT

The Karl Storz Power LED Rubina TL400 light source is designed to provide high-intensity illumination for endoscopic, microscopic, and open surgical procedures. Combining white light and near-infrared fluorescence imaging capabilities, the system supports enhanced visualization during a variety of diagnostic and surgical applications. The TL400 is compatible with the RUBINA imaging platform, allowing clinicians to assess blood flow, tissue perfusion, vascular structures, and lymphatic anatomy in real time when used with appropriate imaging components. Its LED-based design delivers consistent illumination without the need for traditional lamp replacements, helping reduce maintenance requirements.

FEATURES

Dual Imaging Capability: Supports both standard white light visualization and near-infrared fluorescence imaging.

High-Intensity LED Illumination: Provides bright, consistent light output for endoscopic, microscopic, and open surgical procedures.

Fluorescence Imaging Support: Works with compatible RUBINA imaging systems to assist with visualization of blood flow, tissue perfusion, vascular structures, and lymphatic pathways.

Lamp-Free LED Technology: LED light source design eliminates the need for routine bulb replacement while maintaining reliable performance.

Multi-Specialty Applications: Suitable for use in minimally invasive surgery, neurosurgery, plastic and reconstructive procedures, and other image-guided surgical applications.



DIMENSIONS & WEIGHT

Height: 4.7 in (12 cm)

Width: 12.0 in (30.5 cm)

Depth: 14.6 in (37 cm)

Weight: 16.3 lbs (7.4 kg)

LIGHT

White Light Wavelength: 400-700 nm

Near Infrared (NIR) Wavelength: 700-800 nm

ELECTRICAL

Power Supply (AC): 100 – 240 V

Operating Frequency: 50/60 Hz

Line Fuse: 2 x T 4.0 AH 250 V

Power Input: 220 VA

Electrical Protection Class: I

Applied Part Type According to IEC 60601-1: CF