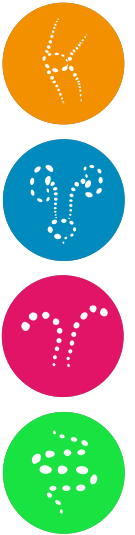


# LED Light Source

## LV-400LED



High-end light source providing natural colors of video of an endoscopic camera. Characterized by a long life of LED emitter and continuous regulation of light intensity. Ready to be used with most common types of light guide cable connectors.

### STRENGTHS

- Daylight color temperature (very high Color Rendering Index)
- Excellent true colors' projection
- Clear picture having a positive impact on work comfort and decreasing tiredness during longer surgeries
- Availability of various light guide cable connector's types (STORZ, WOLF, OLYMPUS, etc.)
- Smooth regulation of light intensity in the whole range of 1-100%
- Ultra silent work
- Economic usage due to low power consumption
- Long life of LED emitter (min. 50 000 hours of work)
- Memory of recent settings
- Esthetic and modern design

### FEATURES

Number of lumens:	2650
Light efficiency comparable to:	180W xenon lamp
Color temperature:	5700°K
Color Rendering Index:	CRI 95

# TECHNICAL PARAMETERS

## CONSOLE (400LED-20)

LED emitter type	Daylight High Power LED
Number of lumens [lm]	2650
Light efficiency comparable to	180W xenon lamp
Power consumption	115VA
Color temperature	5700°K (± 5%)
Colour Rendering Index	CRI 95
Standard connection / socket for light guide cable	K.Storz, other- optional and upon request
Life time of emitter	Min. 50.000 hours
Supply voltage	100-240V AC
Power frequency	50/60Hz
Safety class	Applied part - type BF
External dimensions	D: 306 mm x W: 330 mm x H: 96 mm
Weight	5,8 kg
Intensity adjustment	Manual - electronic 1-100% range, with 1% step
Ambient temperature	During operation: +10°C to +40°C During storage and transport: -20° C to +45°C
Max. relative humidity	During operation: 70% During storage and transport: 70%
CE Standard	EN60601-1; EN60601-1-2 ; IEC60601-2-18



## LIGHT GUIDE CABLES

Light Guide Cables dedicated to Vimex Endoscopy devices. Made from special fiber bundle to provide efficient transmission of light and the highest number of lumens reaching an endoscope. Fully autoclavable. Two fixed connectors making it easy to connect a light source with endoscope.

Cable diameter	1,4 / 1,6 mm 2,2 / 2,5 mm 3,2 / 3,5 mm 4,5 / 4,8 mm
Length	1,8 to 5 m

