



Light Sources

The LUT product range e|Vision offers a high luminance with low temperature development via a new LED light source e|Vision aura. The light intensity is dimmable from zero to 100 percent and can be controlled via the camera head. No bulb exchange necessary. The light source is durable, energy-efficient and easy in operation.

In addition to these light sources, we also offer different Xenon light options. As these are specially designed and built for endoscopic applications, you get the light exactly where it is needed: Maximum of light efficiency for highest demands.

3 Light Sources



LED Light Source e|Vision aura

The LED light source is suitable for all endoscopic applications. Features a multi-light guide adapter and LCD display. Light intensity is dimmable from 5 to 100 %. Due to the long-lasting LED technology of a life time of about 50,000 hours, bulb exchanges are a history of the past.

Lamp

Type: LED

Color temperature: 6500 Kelvin

Average lamp life: approx. 50,000 h

Luminous flux: 1,400 lm

Display; controls

Operation control panel: ON/OFF with LED lamp, UP/DOWN light intensity, button for light intensity

LCD display with current dimming

Light guide socket system Storz, Wolf and ACMI

Connectivity: bus interface

System

Standard conformity: IEC/DIN EN 60601-1

Electromagnetic compatibility: EN 60601-1-2

Classification: CE-mark

According to medical directive 93/42 EEC class

100 - 240 V AC, 50/60Hz, 1.0 - 0.42 A

Dimensions /Weight

Housing: 295 x 130 x 355 mm (W x H x D)

Weight: 5.8 kg



Xenon Light Source XL300.xenon

300 Watt Xenon light source, our most powerful light source. With LCD display and microprocessor control to optimize light-intensity performance and lamp life-time.

Lamp

Type: Xenon arc lamp

Power: 300 W

Color temperature: 5600 Kelvin

Average lamp life: 600 h

Easy lamp replacement

Display; controls

Operation control panel: ON/OFF

Lamp-life LCD display

Light guide socket system LUT and Storz

Electronic lamp change indicator

Mechanical adjustment of light intensity

System

Approval acc. EN 60601-1, Class I, CE-mark

90 - 264 V AC, 50/60 Hz

Dimensions /Weight

Housing: 267 x 138 x 360 mm (W x H x D)

Weight: 7.8 kg

3 Light Sources



Xenon Light Source XL180.xenon

180 Watt Xenon light source for all applications and needs. With adjustable mechanical diaphragm for light adjustment.

Lamp

Type: Xenon

Power: 180 W

Color temperature: 6000 Kelvin

Average lamp life: 500 h

Easy lamp replacement

Display; controls

Operation control panel: ON/OFF

Remaining lamp life indicator

Light guide socket system LUT and Storz

Mechanical adjustment of light intensity

System

Medical device directive 93/42/ EEC Class 1,
EN 60601-1; BF/CE mark

100 - 240 V~, 50/60 Hz

Dimensions /Weight

Housing: 360 x 128 x 320 mm (W x H x D)

Weight: 7.0 kg



Halogen Light Source HL250

250 Watt Halogen light source with integrated spare lamp for endoscopic applications.

Lamp

Type: Halogen

Power: 250 W

Color temperature: 3200 Kelvin

Average lamp life: 50 h

Lamp change to integrated spare lamp without opening the housing

Controls

Stepless adjustable light intensity

Light guide socket system LUT and Storz

Rotary knob for lamp change

System

230 V AC $\pm 10\%$ or at 115 V AC $\pm 10\%$

Medical device directive 93/42/EEC Class 1, IEC 601-1
EN 60601-1, BF/CE mark

Dimensions /Weight

Housing: 355 x 110 x 347 mm (W x H x D)

Weight: 8.0 kg

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Halogen Light Source HL150

150 Watt Halogen light source for endoscopic applications.

Lamp

Type: Halogen

Power: 150 W

Color temperature: 3350 Kelvin

Average lamp life: 50 h

Easy lamp replacement

Controls

Stepless adjustable light intensity

Light guide socket system LUT and Storz

System

230 V AC $\pm 10\%$ or at 115 V AC $\pm 10\%$

Medical device directive 93/42/ EEC Class 1, IEC 601-1
EN 60601-1, BF/CE mark

Dimensions /Weight

Housing: 175 x 82.5 x 202 mm (W x H x D)

Weight: 2.5 kg
