vitra® LS1

LED Endoscopy Light Source

- **High-Intensity LED Light Source**
  Delivers brightness equivalent to a 300W xenon light source.
- **Exceptional LED Lamp Longevity**
  Provides a long lifespan without the need for lamp changes.
- **Ultra-Quiet Operation**
  Ensures minimal noise for a calm operating environment.
- **Automatic Light Intensity Adjustment**
  Optimizes energy use for greater efficiency and savings.

● Touch screen operable with surgical gloves

● Standby Mode Supported

TECHNICAL DATA

Color temperature	6000K
Lamp Life time	> 50,000 hours
Dimming method	Auto or Manual
Video input	Via BNC Connector
Video format	Composite Video (SD) Y Component (SD or HD)
Light guide connector	Storz type (standard) ACMI, Olympus, and Wolf (optional)
Advanced settings	External Triggering
Environment	0°C - +40°C temperature less than 75% relative humidity
Classification	CE Class I / CF

Dimensions (W×H×D)	300 × 85 × 365 mm
Weight	6.5 kg
Power consumption	100W max.
Line voltage	100 -240VAC @ 50-60 Hz
Fuse	2 × T 1.6 A E / 250V (IEC 127)
Tested according to	EN60601-1, EN60601-1-2, EN60601-2-18

ORDERING DATA

7100.02	vitra® LS1 LED light source (with Storz compatible light guide connector)
7191.01	ACMI compatible light guide connector
7191.02	Olympus compatible light guide connector
7191.03	Storz compatible light guide connector
7191.04	Wolf compatible light guide connector

ACCESSORIES

Light Guide Cable

High quality, autoclavable, suitable for LED or Xenon light source, optional adapter available.

Fused light guide cable

1302.35.1800	diameter 3.5mm length 1800mm
1302.35.2300	diameter 3.5mm length 2300mm
1302.35.3000	diameter 3.5mm length 3000mm
1302.48.1800	diameter 4.8mm length 1800mm
1302.48.2300	diameter 4.8mm length 2300mm
1302.48.3000	diameter 4.8mm length 3000mm

Adapters for the light guide cable

Connection Side	Light source side	Instrument side
ACMI Compatible	1390.01	1391.01
Olympus Compatible	1390.02	1391.02
Storz Compatible	1390.03	1391.03
Wolf Compatible	1390.04	1391.04

Specifications, design and accessories are subject to change without any notice or obligation on the part of the manufacturer.