

## YLED1F – Examination Lamp

Examination light with integrated wide range power supply and faceted multiple lens system for minimum shadowing in the field of illumination. Equipped with the Latest lighting technology to bring light into focus.

### Characteristics

The compact YLED-1F contains 17 powerful LED modules. All modules provide a combined light intensity of 70,000 Lux.

In addition, a wide range power supply is integrated into the housing. This integrated power supply enables you to save space and time by means of simple installation. Regardless of whether it is ceiling or wall-mounted, the tried-and-tested MAVIG Portegra2 system is ideal for suspending the YLED-1F (and other medical devices). Thanks to its great flexibility as a modular system with many safety features, it can be optimally adapted to a wide range of applications.

The YLED-1F therefore covers a wide range of applications, like examinations. It is intuitively controlled by means of the side-mounted control panel (On/Off, endoscopic light, brightness adjustment) and the sterilisable handle (focusing).

Designed for utmost performance and to meet stringent requirements, the YLED-1F can be used by physicians or specialists, in hospitals or in outpatient surgery centres. It always keeps a "cool head", because the heat radiation from the YLED-1F is reduced to a minimum, even without complex filter technology. With the use of considerably more efficient LEDs from the latest generation and a lamp life of at least 50,000 hours, the costs for electricity and lamp replacements are greatly reduced in comparison with the previously widespread halogen lights.

### Technical Data

• Central light intensity (at 1 m distance):	<b>70.000 lx</b>
• Colour temperature:	<b>4100 ± 200 K</b>
• Colour rendering index at 4100 Kelvin (CRI):	<b>Ra ≥ 95</b>
• Focusable light field size:	<b>140 – 250 mm</b>
• Electronic brightness control:	<b>50% – 100%</b>
• Temperature increase in head area:	<b>≤ 0,5 K</b>
• Power consumption (total):	<b>≤ 24 VA</b>
• Mains voltage and frequency:	<b>100 – 240 VAC at 50 – 60 Hz</b>
• Number of LED modules:	<b>17</b>
• Lifetime of LEDs:	<b>≥ 50.000 h</b>
• Working area:	<b>70 – 140 cm</b>
• Height adjustment (on Portegra2 spring arm):	<b>117 cm</b>
• Lamp dimensions:	<b>28 x 36 cm</b>
• Housing colour:	<b>RAL 9002</b>
• Hazardous substances (EU Directive 2011/65/65):	<b>RoHs conform</b>
• Housing – Protected against splashed water:	<b>IP44</b>
• Fire protection class:	<b>V0</b>
• Medical Products Directive 93/42/EEC:	<b>Yes</b>
• Use according to DIN VDE 0100-710:	<b>Yes</b>
• Approvals:	<b>CE / NRTL</b>



**Are you interested in our Lamp YLED1F? Please send us a nonbinding request for a quote.**

## Accessories

### Sterilizable handle

The advantages of LED technology: a life time of at least 50,000 operating hours and a hardly noticeable generation of heat – in the area of the head of the surgeon as well as the wound area. The advantages of the previous technology of halogen lamps used by Dr. Mach remain: natural colour rendition, homogeneous light field and easy positioning of the lamp.

### Compatible with:

- Ceiling Suspended Angiography System: Artis zee, Artis Q, Artis Q.zen
- Floor Mounted Angiography System: Artis zee, Artis Q, Artis Q.zen
- Biplane Angiography System: Artis zee, Artis Q, Artis Q.zen
- Artis zeego
- Artis one
- Artis zee MP