

High quality and heat-dissipating materials (**aluminum housing**)

Low energy consumption:
Max. 95 W
(typ. < 90 W)

Consistently high
CRI 97

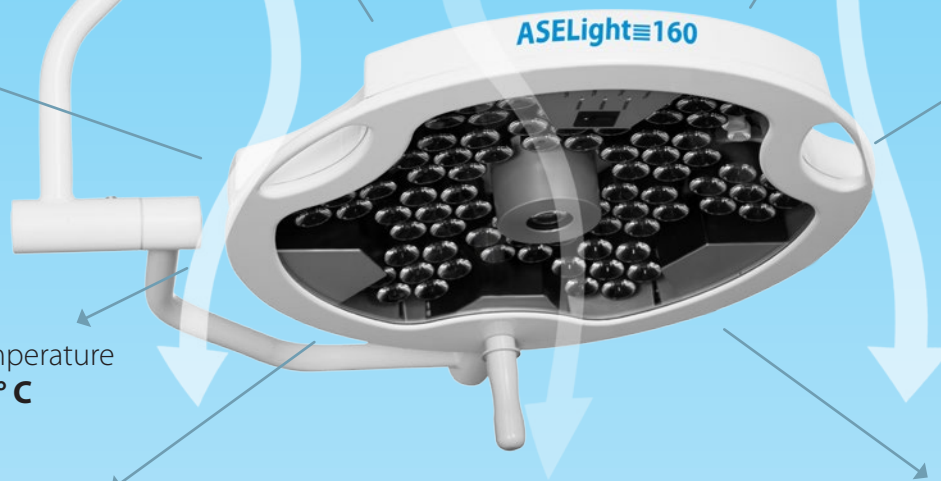
High ingress protection rating (**IP54**)

Low surface temperature
Max. 35° C

LED lifetime of over
70'000 hours

Optimized Laminar Flow

5 Years warranty
on the luminaire



ASELight 160 - HIGHLIGHTS

LED SURGICAL LIGHT

Highlights:

- » The curved airflow and temperature optimized shape of the aluminium diecast housing guarantee a free **air flow**.
- » The **electronic light field adjustment** ensures that both of the light field sizes have 160kLux. This cannot be achieved with mechanical adjustment systems. The electronic light field adjustment eliminates the error susceptibility compared to mechanical light field adjustment systems.
- » The light intensity can be dimmed on the panel or for easy handling the integrated **contact-free** sensor can be used.
- » High **color rendering index (CRI): 97 = indicator for high light quality**
- » A high ingress protection rating (**IP54**) ensures full function even under intensive cleaning processes.
- » Low energy consumption: **Max. 95 W** (typ. < 90 W)
- » **Endolight mode**, indirect green light for minimally invasive applications.
- » The **HD camera (from Sony) integrated** optionally into the lamp or the **external HD camera (from Sony)** installed on a separate spring arm ensure smooth and high resolution recording of the corresponding application.
- » **Extremely low surface temperature**, Max. 35° C in 24° C room temperature (according to standard. Max. allowed 74° C)!



Advantages of the new generation of light in the LED technology

- » An optimized system concept ensures the best possible thermal management (LEDs, metal core printed circuit boards, aluminum housing – **heat out of the box**) and the choice of heat-dissipating materials (no plastic) guarantees the longevity of the LED and color authenticity over its entire lifetime.
- » The **high quality materials** (no plastic housing) ensure proper function, easy handling and uncompromising hygiene over the entire lifetime.
- » The various connection options (**ceiling, wall, stand, and desktop versions**) together with the add-on options (**HD camera, external control unit, UPS, monitor**) and the individual adaptation of these components enable us to offer fitting solutions for specific needs and most difficult framework conditions.
- » Optical peak levels combined with the high quality of each individual component ensure maintenance-free use under demanding conditions.
- » LED lifetime of over **70,000 hours**.
- » **5 Years warranty** on the luminaire.
- » **Swiss made**, before we ship our products we subject them to a rigorous quality control.

Swiss made

asetronics 

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