

# SUNOPTIC SURGICAL



*Our focus is surgical headlights*

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## LED-9500 HEADLIGHT SYSTEM

This is the product surgeons have been waiting for. The Surgical LED Headlight that offers portability, quality light and brightness to match.

With the new 70,000 LUX output, the Sunoptic Surgical LED-9500 is providing 50% more light than major competitors headlights. The quality of the light appearing in the spot is unmatched in any other LED on the market! The LED-9500 features even distribution of its all white light, eliminating the unusable brown and yellow edges seen in other LEDs. With the spot size expanded to 110mm the LED-9500 now has a spot size to compete with any other brand.

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The 'RCS' headband is Lightweight and Comfortable

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10w LED offers the BRIGHTEST Illumination available

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Module with variable spot size: 20mm-110mm @ 16"

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Light Intensity: 70,000 Lux @ 16"

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Lightweight battery and clip on holster provide 3hrs of continuous use

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Audible warning when battery life is low

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Integra LED vs Sunoptic Surgical LED-9500



The wider spot diameter, increased light output, and the uniform white light throughout the spot will bring the LED-9500 much closer to the industry standard of xenon headlights.

In keeping with the new industry expectation the NEW Sunoptic Surgical LED-9500 Headlight is simple in design, light in colour to allow for visualisation of any debris or blood splatter and is easy to clean.

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## LED-5500 HEADLIGHT SYSTEM

The new LED 5500 Battery-Operated headlight is Sunoptic Surgical's first low-cost LED headlight. It features a wireless design with no remote battery packs or cables. The battery is attached to the headband which allows for easy replacement during surgery. The wireless design also allows unlimited mobility for the surgeon in the operating room.

No external wires or batteries

Quick change battery accessible on headband

Newly headband design distributes weight for maximum comfort

30,000 lux output at 40cm distance with a bright, clean, uniform spot

Infinitely variable output switch on side of headband allows surgeon to set different light outputs which translates into longer battery life.

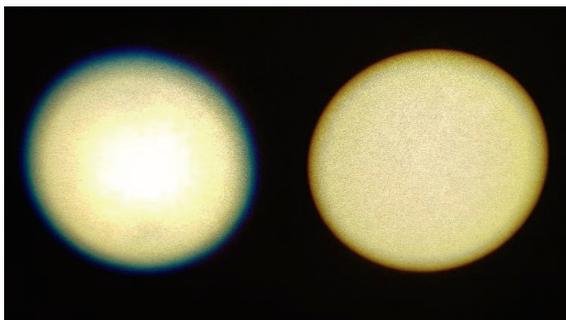
20-110mm spot variability at 40cm working distance

4 hour battery life for fully charged battery at maximum output and 4-5 hour recharge time

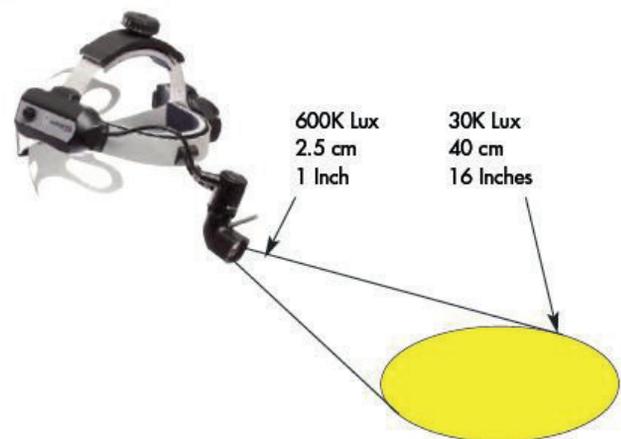
Low-battery indicator clearly visible on side of headband

Colour temperature 4,500° K

Colour Rendering Index (CRI) 75



MedLED MC7 vs LED-5500



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## LED 4000

Sunoptics Surgical LED4000 is a state-of-the-art LED light source designed to provide light for Headlight and endoscopic procedures. The lumen output is comparable to many Xenon light sources currently being used in endoscopy. The expected LED life of 30,000 hours eliminates the need to purchase replacement lamps, thus saving money in operational cost.



Compact, efficient, durable source of brilliant 'daylight' quality light for endoscopy

Expected LED life of 30,000 hours

Colour temperature: 65000K @ 75 CRI for maximum output 56000K @ 92 CRI for fuller spectrum

Ergonomically designed turret includes ACMI,

Olympus, Storz & Wolf ports; single port version and other options

LED automatically shuts off when cable is removed from active port

## LED 3000

Sunoptics Surgical LED3000 is a state-of-the-art LED Light source designed to provide light for endoscopic procedures. The lumen output is comparable to many Xenon light sources currently being used in endoscopy. The expected LED life of 30,000 hours eliminates the need to purchase replacement lamps thus saving money in operational costs.



Compact, efficient, durable source of brilliant 'daylight' quality light

Ideal for office use and post OP examinations

Expected LED life of 30,000 hours

Colour temperature: 69500K normal

Ergonomically designed turret includes ACMI,

Olympus, Storz & Wolf ports; single port versions and other port styles are also available

## LED 2000



Compact, efficient, durable source of brilliant 'daylight' quality light

Ideal for office use and post OP examinations

Expected LED life of 50,000 hours

Colour temperature: 65000K normal

Ergonomically designed turret includes ACMI,

Olympus, Storz & Wolf ports; single port versions and other port styles are also available

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**LED-4000 SUNOPTIC  
SURGICAL'S FIRST LED  
HEADLIGHT SYSTEM  
EXPECTED LED LIFE OF  
30,000 HOURS**

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