



LED Plus+ Headlight

A Headlight Built with the Surgeon in mind

The LED Plus+ is a high power surgical LED headlight with a variable spot size of 10mm to 110mm and it is ideal for all surgical procedures and examinations. This medical headlamp provides crisp spot control and an extremely homogeneous light beam. At a CRI rating of 92, the LED Plus+ LED Surgical Headlamp offers true color in critical surgical applications.

The lightweight lithium battery packs (2) offer 4.25 hours of runtime each and can be hot swapped mid surgery to allow for more than 8 hours of operation time. A flashing indicator alerts the surgeon and staff if the surgical headlight lithium battery starts to run low.

Two sterilizable joysticks also come with the LED Plus+ LED Surgical Headlamp to aid in surgeon control and case rotation ease.

LED Plus+ Portable Surgical LED Headlamp Features

- 10mm - 100mm Variable Spot Control
- Lightweight with 20 years of proven optics
- Up to 4.25 Hours of Runtime per Battery
- CRI more than 90 to give the best tissue rendition
- 40,000 Lux Light Intensity

Warranty Information

- Two (2) Years on LED Headlight
- One (1) Year on Battery Pack

SIL-2410 \$2656

HEADLIGHT SPECIFICATIONS

Illumination	> 40000 lux @ 30cm
LED Life	> 50,000 hours
Color Temperature	4,500 °K
Color Rendition Index (CRI)	92 Typical
Spot Size	10 to 100 mm @ 400 mm working distance
Intensity Range	20% to 100%
Operating Time	> 4.25 hours per battery at maximum intensity
Normal Recharge Time	3.6 hours
Quick Recharge Time	2 hours, for 3 hours of maximum intensity
Battery Charger	Universal: 100 to 264 VAC, 50 to 60 Hz, 8.4 VDC @ 1.3 A
Weight (Headlight)	290 grams
Weight (Battery Pack)	190 grams
Size (control unit/battery pack)	4.25" x 2.7" x 1.1"

1.800.821.7496

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7248 S Tucson Way, Centennial, CO 8012



Our Products are proudly designed and manufactured in the USA



Experience true freedom and infinite mobility with the Magnum LED Surgical Headlight

Magnum surgical headlamp gives total control to the surgeon.



Magnum Storage Case



Magnum LED Headlight

The Best LED Battery Powered Surgical Headlight for every situation

What makes the Magnum LED Battery Powered Surgical Headlight the best surgical headlamp system is the ability to adapt to the needs of Neuro, Plastic, Orthopedic, and Thoracic Surgeons. Magnum has been meticulously designed to offer reduced weight, optimal brightness, and color. The blue aperture control on the LED head gear allows for spot size adjustment during medical procedures.

The Magnum battery powered surgical headlight system is a feather weight solution that reduces neck strain caused by heavier headlamp systems. At only 10oz the Magnum is one of the lightest surgical headlight systems available. Trial a Magnum headlamp today to experience the difference.

Three LED intensity settings are available on the Magnum 30K Lux, 50K Lux, and 75K Lux. Each Lithium battery can last 9 hours on low, 6 hours on medium, and 3.2 hours on high intensity. Since the Magnum surgical headlamp comes with two Lithium batteries, the total operating time can range from 7 hours to 18 hours.

lux Magnum Surgical Headlight Features

- 10mm - 100mm Variable Spot Control
- 10 oz Ultra Comfort Headlight Assembly
- Whisper Quiet LED Cooling Fan to Extend Runtime
- 5000K True Color Temperature
- 30,000 Lux, 50,000 Lux, & 75,000 Lux Intensity Settings

SIL-239 \$3695

HEADLIGHT SPECIFICATIONS

CRI (Color Rendition Index)	70
Battery and Holster Weight	12oz / 350 grams
Color Temperature	5000°K
Headlamp Weight	10oz / 300 grams
Power Pack Operating Time	3.2hrs @ High
Three Intensity Levels	30K lux, 50K Lux & 70K Lux, all @12" / 30cm
Power Packs Per System	2
Light Output @ 12"	75K Lux
Joy Stick	Detachable for easy spot movement
Quick Recharge Time	2 hours, for 8 hours of maximum intensity
Operating Time	7 hours or continuous operation at Hi intensity
Headband	Lightweight Comfortable with washable foam inserts
Warranty	2 Years on LED Headlight 1 Year on Battery Pack

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Headlight / proCam
combination improves operative
site visibility and video capture



proCam
4K MicroCamera



proCam 4K MicroCamera

World-leading camera to improve your everyday communication and documentation

proCam 4k Headlight Camera - first miniature 4k camera. Features a 13 megapixel sensor that captures both 4k video and high resolution still photos from proCam / headlight combination. The proCam's powerful sensor allows deep, clear magnification. It's easy to capture stable, super high quality video and images any time with no interruptions to the procedure.

All advantages in one camera. non-interruptive cameras cover most of the demands of documentation: full HD videos and high quality stills (up to 13 mb). Cloud services make it fast and secure to share videos and images to colleagues and clients.

Key Features

- 4k Video Quality
- Live Streaming, Recording and Still Photo
- Headlight or Fixed Mount
- Fixed Focus

Applications

- Clinical Education
- Live Surgical Demonstration
- Virtual Surgical Support

SIL-2480 \$4695

CAMERA SPECIFICATIONS

Resolution / Video	4K UHD, 30 fps (video)
Resolution / Still	8 / 13 mpx
Size (w/o lens)	32 x 28 x 23 mm
Weight (body only)	23 grams
Built-in zoom	3x
Strength	UHD video, high resolution, documentation
Connection	USB 2
Lens Options	<ul style="list-style-type: none"> • Standard 16mm • Hi magnification 25mm UHD • Wide angle 12mm and 8mm
Compatible with	Windows, Mac & Android

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ELITE WIRELESS LED HEADLIGHT

FINEST QUALITY IN THE INDUSTRY / AGGRESSIVE PRICING



 **Sontec Instruments®**

A TRADITION OF FINE SURGICAL INSTRUMENTS

FEATURES



Wrap around rear cranial support on headband for added comfort. Removable if needed

Rheostat control
0-30,000 Lux
at 16"/40 cm
working distance

Battery indicator /
Low battery indicator

Easy change battery
fixture holds one
battery while the
backup is charging

Removable / sterilizable
lever to safely adjust
beam direction

Rheostat for spot
variability 20-110 mm
at 16"/40 cm working
distance

Ideal color
temperature
at 4,500° K



SPECIFICATIONS

Sontec Instruments Elite Wireless LED Headlight offers the ability to be untethered from a light source or remote battery pack, while providing bright, white light with a homogenous spot. The lightweight RCS headband provides comfort and stability where a wireless headlight is preferred

- No external wires or batteries
- 30,000 lux output at 16" / 40 cm distance with a bright, clean, uniform spot
- 20-110 mm spot variability at 16" / 40 cm working distance
- 4 hour battery life for fully charged battery at maximum output power
- Battery life doubles when used at 50% output power
- New headband design distributes weight for maximum comfort
- Accessible battery on the headband is quick and easy to change
- Low battery indicator clearly visible on side of headband
- 4-5 hour recharge time
- Color temperature is 4,500 K
- Classification: FDA Class 1 Device Listing D125713
- Variable Module Spot 20 mm - 110 mm @ 16" / 40 cm
- Side mounted variable intensity control: 0 - 30,000 Lux at 16" / 40 cm working distance
- Rear cranial support headband for added comfort
- Headband with battery weight 15 oz. / 437 g
- Battery weight 3.7 oz / 106 g
- Color Rendition Index (CRI): 75
- Typical LED life: >50,000 hours
- Warranty two (2) years on LED headlight and one (1) year on batteries
- Includes memory foam padding on front half of headband



100-5500

INCLUDED ITEMS

- 2 Batteries
- 2 Sterilizable Levers
- Universal Transformer with Adapters
- Lightweight Carrying Case
- Wireless LED Headlight
- Operator Manual





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