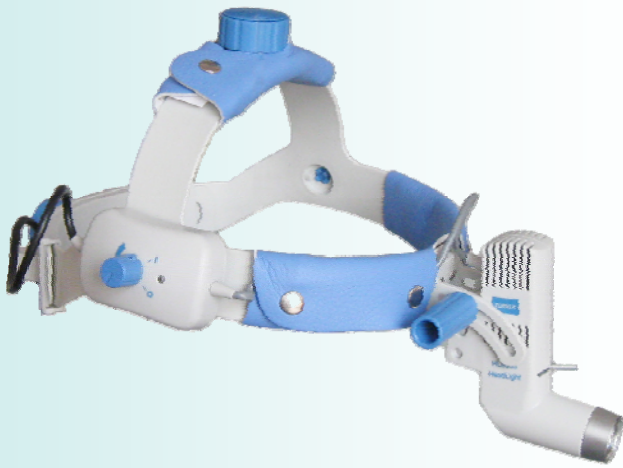
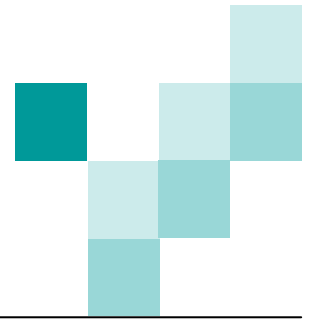


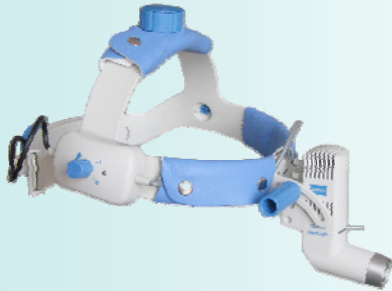
# HL Series HeadLight



**Zumax Medical**  
*Beyond Vision*



## HL8000 Headlight



HL8000 LED HeadLight



HL8000 HeadLight & SLE Binocular Loupes



Metal Case

HL8000 series are used for examination and surgical operation in multifarious microsurgery.

- ◇ The LED lamp without the heat of traditional Halogen headlight. With a color temperature of 6000 Kelvin, this light supplies bright, white, shadow-free light allowing the doctor to see tissue characteristics without distortion.
- ◇ Enjoy the flexibility of operating the headlight using the rechargeable Lithium battery, can use without the direct power source. It is one of the most comfortable lightweight headlights and suitable for all kinds of surgery.
- ◇ The Headlight could be used when it is charging.
- ◇ Has low-battery indicator light.
- ◇ Adapts to any Binocular Loupes of Zumax
- ◇ Smart design, convenient for mobile diagnosis.

### Technical Specification HL8000 HeadLight:

Diameter of the light spot:	20~80mm at a distance of 420mm
Illumination:	>32000 Lux at a working distance of 200mm.
Fluctuation distance:	12.5mm
Illumination Adjustment:	Vertical +/-25°
LED Operating Life:	5W LED rated at 20,000 hours operating life.
Battery and operating time:	7.2V Lithium battery. More than 2.5 hours with Lithium battery. Unlimited operating time when connected directly to mains power supply.
Power Source:	Plug-in transformer, Lithium battery
Maximum Power Input:	10W
Electrical Safety Standard:	IEC60601.1, class II equipment
Weight:	69 g





## HL8200 Headlight

HL8200 series are used for examination and surgical operation in multifarious microsurgery.

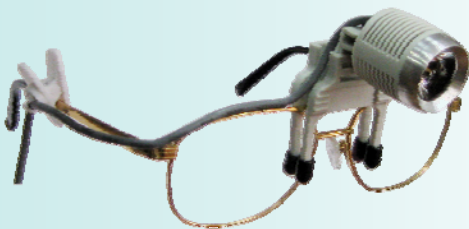
- ◇ The LED lamp without the heat of traditional Halogen headlight. With a color temperature of 6000 Kelvin, this light supplies bright, white, shadow-free light allowing the doctor to see tissue characteristics without distortion.
- ◇ Enjoy the flexibility of operating the headlight using the rechargeable Lithium battery, can use without the direct power source. It is one of the most comfortable lightweight headlights and suitable for all kinds of surgery.
- ◇ The Headlight could be used when it is charging.
- ◇ Has low-battery indicator light.
- ◇ Adapts to any Binocular Loupes of Zumax
- ◇ Smart design, convenient for mobile diagnosis.

### Technical Specification HL8200 HeadLight:

illumination:	>32000 Lux at a working distance of 200mm.
Illumination Adjustment:	Vertical +/-25°, Horizontal +/-15°
LED Operating Life:	3W LED rated at 20,000 hours operating life.
Battery and operating time:	3.6V Lithium battery. More than 5 hours with Lithium battery. Unlimited operating time when connected directly to mains power supply.
Power Source:	Plug-in transformer, Lithium battery
Maximum Power Input:	10W
Electrical Safety Standard:	IEC60601.1, class II equipment
Weight:	24 g



HL8200 LED HeadLight



HL8200 HeadLight with a frame



HL8200 LED HeadLight & SLE Binocular Loupes



Carrying Case

