

## Cable-free headlight.

**The lightweight Xavier 3 is comfortable to wear, provides bright illumination, and is affordably priced.**

- » Homogeneous and focusable illumination that is very convenient for examinations and operations.
- » Cable-free headlight provides maximum mobility in examination and operating rooms.
- » Illumination: 80,000 lux at 15 cm working distance and 45,000 lux at 25 cm working distance.
- » Battery pack can be detached from headlight and attached to your belt or worn as a necklace.
- » Light spot size: 50 mm to 70 mm at 25 cm working distance (zooming control).
- » Easily recharge Li-ion battery in 2.5 hours; recharges as many as 500 times.
- » LED operating life: Up to 50,000 hours.
- » Fully adjustable declination angle prevents tilting head fatigue.
- » Folds to a compact size for convenient portability.
- » Use direct adaptor for continuous illumination. (AC 100~240V)
- » Easily fix lighting on exam/surgery field with ball-joint system.

### Standard set includes

Main body – White / warm white; battery pack; batteries (two); charger and headband (plastic)

### Options

Direct power supply (AC 100~240V); aluminum case; magnifying lens (+2D, +3D, +4D); and loupe (2.5x, 3.0x, 3.5x, 4.5x, 5.0x)



### Technical Specifications

#### Main body

Illumination	80,000 Lux
	(at 150 mm working distance)
Color temperature	White – 6,000 Kelvin
	Warm White – 3,500 Kelvin
Illumination field	50 mm to 75 mm
	(at 25 cm working distance)
Spot adjustment	Zooming control
Brightness	3 step control
LED life span	Up to 50,000 hours
Weight	71 g

#### Power source

##### Charger

Input	AC 100-240 V, 50/60 Hz
Output	4.2V / 1,300mA
Charging time	2.5 hours

#### Power source continued

##### Battery pack

Operating time	9 hours (step 1), 3.5 hours (step 2), 2.5 hours (step 3)
Output	3.7 V
Weight	40 g
Battery Type	Li-ion (built-in protected circuit module)
Capacity	2,400mA
Weight	55 g