

Innovative cable-free headlight.

The lightweight DRE 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