

OPTICLAR

VISION^{LED}MAX

YOUR OPTICLAR DEALER IS:

OPTICLAR is a brand and trademark owned and manufactured exclusively for Albert Waeschle Ltd, one of the UK's oldest medical and surgical wholesaler's and the OPTICLAR range is available through the medical and surgical trade.



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Applicable Standards: CE - complies with European medical devices directive 93/42/EEC. DIN EN ISO 7376. Complying with EN60601-1, EN60601-1-2

Electrical Compliance: Complying with EN60601-1, EN60601-1-2
Protection Class I - Internal Electrical Power Source

Statutory Regulations: In accordance with local regulations this product should be disposed of as an electronic device separately. Applied part BF.

WEEE producer: Albert Waeschle Ltd. WEEE reg no. wee/dk0067tx

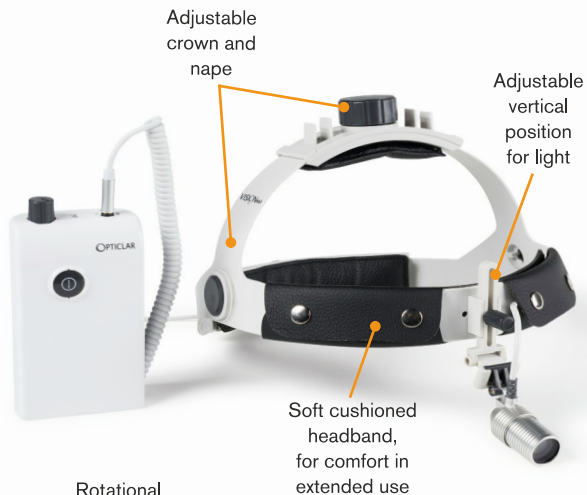
Do not open the instrument or power supply in the vicinity of the patient

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3W LED Headlight



Rotational brightness control



Light can be easily adjusted to swing up or down



OPTICLAR VisionMax 3W LED Headlight

Instructions for Use

Congratulations on the purchase of your new OPTICLAR LED Headlight.

OPTICLAR headlights are produced to the highest standards and utilise the latest advances in miniaturised optics and LED illumination to provide you, with the best possible performance.

Here are some of the fantastic features of your new OPTICLAR 3W LED Headlight:

- **LED illumination Source** – superior, brighter, homogenous illumination with excellent colour-rendering.
- **Edge-to-Edge Clarity** – consistent illumination and optimal spot size.
- **Economical** – incredible LED bulb life of 20,000 hours.
- **Pre-Focused** – for use at optimum working distance.
- **Lithium-Polymer Power Supply 7.4v** – compact belt-worn pack with on/off button and brightness control.
- **Lightweight** – the 3W LED light weighs just 23g!
- **Choice of Mountings** – available with lightweight spectacle frame or headband.
- **Robust** – metal and impact resistant plastics are used for reliability, longevity and to reduce the risk of accidental damage.

Before you begin

Carefully unpack your new OPTICLAR Headlight and take a few minutes to familiarise yourself with the features and components of the set.

WARNING: Do not use in the presence of flammable gases. Do not immerse in fluids. Use only with an approved OPTICLAR power source.

Benefits of OPTICLAR VisionMax Lighting

OPTICLAR VisionMax specialist lighting has been designed for the medical professional and enables examinations, minor procedures and surgical processes to be effectively performed. At OPTICLAR we understand there are essential differences between practice based lighting and individual personal lighting – our goal is to offer our customers the best of both.

OPTICLAR VisionMax LED Headlights offer the very best in LED personal lighting. The light is shadow-free with superb clarity and tissue-rendering qualities. It can be adjusted and directed to suit and is pre-focused for an optimal working distance of 420mm.

Operating your OPTICLAR 3W LED Headlight

Once you have unpacked the headlight and charged the battery, attach the light to the frame or headband by aligning the clip and sliding downwards until it clicks in to position. Try it on and adjust the fit of the lightweight frame (by adjusting the arms) or headband (using the nape / crown adjusters). The 3W LED light is centrally mounted between the users eyes and the angle can be adjusted to suit the users personal posture, height and working conditions. The vertical height of the light can also be adjusted on headband models.

Connect the power lead from the LED light to the battery pack via the plug connector. Switch the light on by pressing the on/off switch on the front of the power pack and adjust the brightness using the rotary control on the top of the battery pack. Once the procedure is complete, remember to turn off the headlight to conserve battery power.

Suggestion:

Practice on a fixed object and get accustomed to wearing the light before using during a procedure or operation for the first time.

Working specification:

Diameter of light spot at 420mm distance:	> 80mm
Illumination at 200mm distance:	> 35,000 lux
Vertical angle range:	+/- 45°
Weight:	23g

Included in the set:

- 1 x OPTICLAR 3W LED Headlight
- 1 x Coiled power lead
- 1 x Lightweight sports frame or simple headband or professional headband
- 1 x Lithium-polymer battery pack with belt clip
- 1 x Mains 240v power adaptor
- 1 x Flip-up safety filter
- 1 x Universal clip (mounts to all spectacle frames)
- 1 x Loupe adaptor
- 1 x Prescription lens holder (sports frame only)
- 1 x Spectacle retaining strap (sports frame only)
- 1 x Protective case - plastic for LW sports frame or aluminium for headbands

OPTICLAR VisionMax Lithium Power Supply

The lithium-polymer battery pack is both lightweight and compact and allows full control of your headlight. The belt-clip means it can be worn on the waist for convenience. **Caution: Please charge the Lithium battery pack for a minimum of 4 hours before initial use. Connect the battery pack to a mains 240v supply with the charging transformer (supplied) and switch on.**

Charging:

Initial charging duration:	> 3.5 hours
Normal charging duration:	< 2 hours
Run-time (at max. brightness)	> 8 hours

Charge Indicators:

Green: charged and operational **Red:** Requires charging **Yellow:** On charge

The lithium-polymer battery pack can be used safely on the mains supply, whilst charging.

Care and Maintenance

The OPTICLAR VisionMax 3W LED Headlight requires no routine maintenance. All external surfaces, **excluding windows and lenses**, can be cleaned using a damp cloth or suitable surface disinfectant, for example:

- Alcohol / Isopropyl based wipes
- Sanicloth disinfectant wipes
- Actichlor, at a ratio of 1000ppm (0.1%) or 10,000ppm (1%) following blood contamination etc.

Viewing windows and lenses must be cleaned with a damp cloth and mild detergent only and dried immediately using a lint-free cloth or Q-tip in a circular motion. The equipment must not be immersed in any solution and care should be taken when cleaning around electrical contacts and connections. **ALWAYS disconnect from the mains power before cleaning is carried out.**

Storage

When not in use for extended periods, the power source should be removed and the headlight stored in a dry, safe location. Avoid excessive hot or cold temperatures and dusty environments.

Warranty

Your OPTICLAR Headlight is guaranteed for a period of 2 years from date of purchase. Register your new purchase by emailing: OPTICLAR@albertwaeschle.com and we will automatically upgrade your 2 year warranty to 5 years, free of charge.

Should you experience any problem with your OPTICLAR equipment please return it to your original supplier who will arrange for repair by an authorised service agent.

Electrical Safety

Complying with EN60601-1, EN60601-1-2

Protection Class II – Internal Electrical Power Source

Statutory Regulations

In accordance with local regulations this product should be disposed of as an electronic device separately. Applied Part BF.

Do not open the instrument or battery handle in the vicinity of the patient.



UNPACK



READ BEFORE USE



ONLINE



CAUTION