



**Totaalleverancier  
van lasers en medische  
technologieën**



Laservision Instruments BV  
+31 (0) 529 428 000

[www.laservision.nl](http://www.laservision.nl)  
[info@laservision.nl](mailto:info@laservision.nl)

**HEINE** QUALITY  
MADE IN GERMANY

## ➤ HEINE Binocular Loupes and Headlights

Perfect view for highest accuracy during all procedures.  
As individual as your daily work.

**EXPERIENCE THE DIFFERENCE**







## Experience HEINE ML4 LED HeadLight

Perfect fit. Perfect view.  
During long procedures.

Specially designed for healthcare professionals who need a perfect view during long surgical operations or treatments. The headband offers multiple adjustments points and soft padding ensuring highest comfort and a firm fit.

**LED<sup>HQ</sup>**  
LED NOW IN HEINE QUALITY.



### TOPSELLER IN ALL SURGICAL SPECIALTIES

● **Choose your power source.** Wireless, headband-mounted (UNPLUGGED) or portable power pack (mPack) (see page 6).

● **Perfect fit.** Through multiple adjustment points.

● **Shadow free image.** Through a compact coaxial design.

● **Adjustable spot size.** e.g. 30 to 80mm at 420mm working distance – for an optimal field of view.

● **Unique HEINE LED<sup>HQ</sup>.** Homogenous. True colour rendering.

● **i-View loupe mount.** For any angle of view. With flip-up function.



> For ordering information, please see the last page or visit [www.heine.com](http://www.heine.com)



## Experience HEINE LoupeLight2

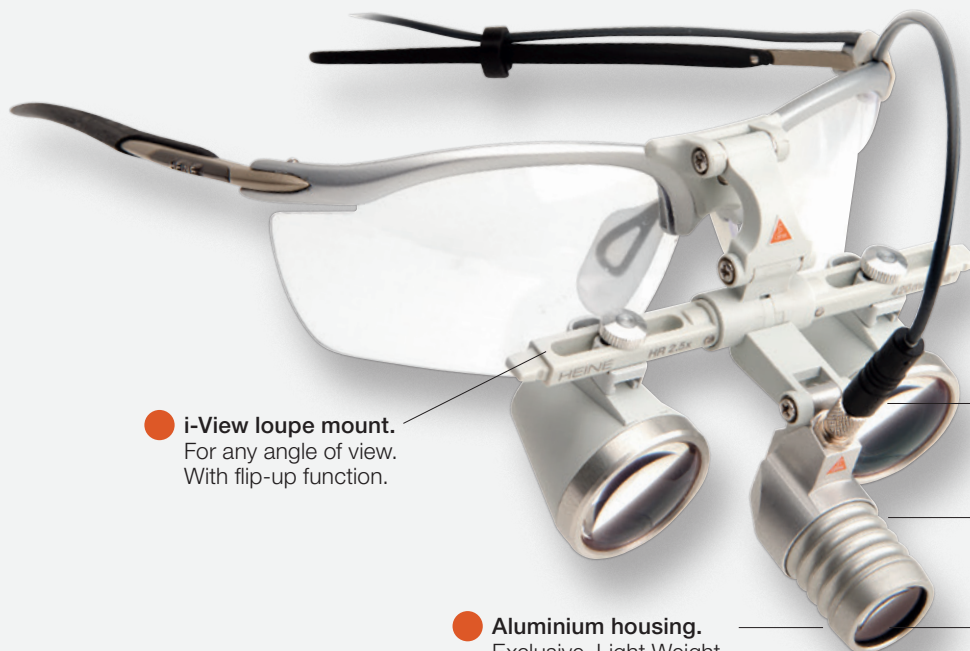
Brighter. Lighter. Improved functionality.

**MOST TRUSTED BY DENTISTS AND ENT SPECIALISTS**

**LED<sup>HO</sup>**  
LED NOW IN HEINE QUALITY.



**mPack mini.**  
Smaller. Lighter.  
USB charging.  
Operating time typ.  
9 hours. In continuous  
operation at full power  
typ. 4 hours.



● **i-View loupe mount.**  
For any angle of view.  
With flip-up function.

● **Replaceable high quality connecting cord** with a splashproof threaded connector.

● **Shadow free.**  
Through a compact coaxial design.

● **Aluminium housing.**  
Exclusive. Light Weight.  
Durable.

● **Unique HEINE LED<sup>HO</sup>**  
Homogenous.  
True colour rendering.

> For ordering information, please see the last page or visit [www.heine.com](http://www.heine.com)

## HEINE MicroLight2

Ultralight. Universal. Without magnification.

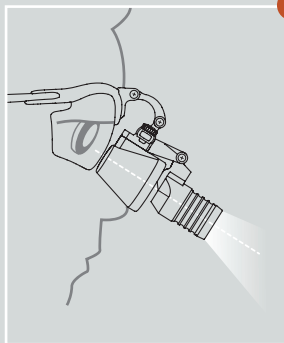




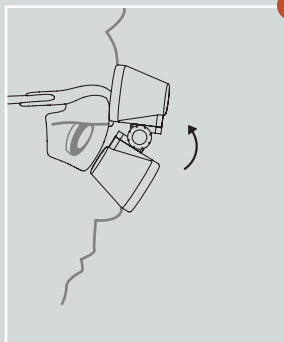
## Experience HEINE Binocular Loupes

High resolution. Crisp image. Various magnifications.

- Your optimal loupe is as individual as your work. HEINE's HIGH TECH optics offer a large variety of loupes to fulfill your individual needs (see page 6).
- Experience the difference of getting less tired – even during long procedures through
  - Crisp, high-resolution image
  - Large field of view
  - Homogenous magnification
  - Lightweight
  - Multi-coated, achromatic technology (HR) or
  - Prismatic for high resolution (HRP)



- **Unique HEINE i-View Loupe Mount**  
Adjustable viewing angle ensures a coaxial, shadow-free image.



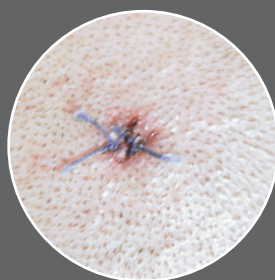
- **Flip-up function.**  
Ability to flip optics up for unmagnified views and overview.

### OPTIMAL MAGNIFICATION

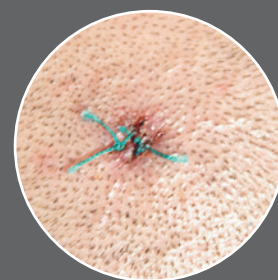
EXPERIENCE THE DIFFERENCE: THE PERFECT COMBINATION OF OPTIMAL MAGNIFICATION ...



Without light and without magnification



With a comparable competitor product (with illumination and with magnification)



● With HEINE 2.5x Binocular Loupes and LoupeLight2

  
LED NOW IN HEINE QUALITY.



# ∴ There's LED. And there's LED<sup>HQ</sup>

● With LEDs there are big quality differences. HEINE has set a new standard which maintains that only the best is good enough, from the selection of materials to processing, from light intensity to dimmability, and from thermal management to a colour rendering index as high as possible.

**That's what we call LED in HEINE Quality – or LED<sup>HQ</sup>.**



LED NOW IN HEINE QUALITY.

## Illumination

Every HEINE instrument with LED is developed in such a way that it delivers optimal illumination edge to edge without distracting reflections for the application in question. Depending on the application area, the instrument is either preset or the brightness can be adjusted steplessly from 3–100%. This feature is patented since early 2018 for all dimmable BETA LED<sup>HQ</sup> instrument heads.



Conventional LED



HEINE LED<sup>HQ</sup>

## Colour rendering

The colour rendering index (CRI) shows how accurately colours are portrayed compared with daylight. HEINE LED<sup>HQ</sup> instruments achieve exceptionally high CRI values to ensure that the user sees the colours as they are during each examination – for absolutely reliable and precise diagnosis.



Conventional LED



HEINE LED<sup>HQ</sup>

## Operating life

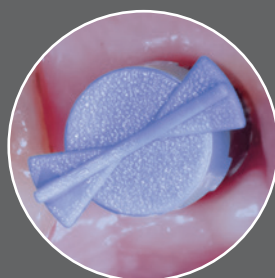
Thanks to a special thermal management the LED<sup>HQ</sup> always operates in the optimal temperature range. This guarantees consistent performance and an unlimited operating life. That's why our LED<sup>HQ</sup> instruments are virtually maintenance-free, as there's no longer a need to replace the light source.

**PERFECT ILLUMINATION**

... AND BRIGHT AND HOMOGENOUS ILLUMINATION AND TRUE COLOUR RENDERING



Without light and without magnification



With a comparable competitor product (with illumination and with magnification)



● With HEINE 2.5x Binocular Loupes and LoupeLight2



LED NOW IN HEINE QUALITY.

# Experience your perfect combination

In only 4 steps. Choose your perfect configuration.



S-FRAME

1



Professional L Headband

## MOUNTING OPTION

In a lightweight professional design for fatigue-free work

2



HR 2.5x/340mm



HR 2.5x/420mm



HR 2.5x/520mm



HRP 3.5x/420mm



HRP 4x/340mm



HRP 6x/340mm

## MAGNIFICATION AND WORKING DISTANCE

Choose the smallest magnification that fulfils your requirements. The lower the magnification, the easier it is to use the loupes due to the larger field of view and better depth of focus. The working distance depends on personal preference.

3



LED NOW IN HIGHER QUALITY.

## ILLUMINATION

Choose between the LoupeLight2 and the ML4 LED.



LoupeLight2  
for S-FRAME

Compact and lightweight.  
Coaxial illumination.



ML4 LED HeadLight  
for Professional L Headband

Coaxial illumination.  
Flexible power source options.

4

## POWER SOURCE



mPack mini  
Portable  
power pack



mPack  
Portable  
power pack



mPack UNPLUGGED  
Wireless.  
Headband-mounted

For more  
information,  
please  
contact us!

# Experience true individuality

Ordering information.

**PERFECT VIEW**

**ML4 LED HeadLight**  
on Headband  
Professional L with  
HR Binocular Loupes  
and S-GUARD

**J-008.31.441**

**MicroLight2**  
on lightweight  
headband

**J-008.31.277**

**ML4 LED HeadLight**  
on Headband  
Professional L

**J-008.31.416**

**LoupeLight2**  
on S-FRAME  
with HR Binocular  
Loupes

**C-008.32.451**

**LoupeLight2**  
on S-FRAME  
with HRP  
Binocular Loupes

**C-008.32.453**



## Our most trusted sets:

### LOUPES AND LIGHTS

**ML4 LED HeadLight with HR/HRP Binocular Loupes** with i-View loupe mount and S-GUARD on Headband Professional L, mPack and plug-in transformer, cleaning fluid

with HR Binocular Loupe 2.5x / 420mm working distance

**J-008.31.441**

with HRP Binocular Loupe 3.5x / 420mm working distance

**J-008.31.442**

**LoupeLight2 with HR/HRP Binocular Loupes** with i-View loupe mount on S-FRAME, detachable yellow filter, mPack mini, mPack mini Belt Clip, E4-USB plug-in transformer, protective lenses, 2 sterilisable levers, retaining cord, cleaning fluid, case

with HR Binocular Loupe 2.5x / 420mm working distance

**C-008.32.451**

with HRP Binocular Loupe 3.5x / 420mm working distance

**C-008.32.453**

### LIGHTS ONLY

**ML4 LED HeadLight on Headband Professional L** with Wall Transformer EN50 UNPLUGGED, 2x mPack UNPLUGGED

**J-008.31.416**

**MicroLight2 on lightweight headband** with mPack mini, mPack mini Belt Clip, E4-USB plug-in transformer, retaining cord and cleaning fluid, case

**J-008.31.277**

### LOUPES ONLY

**Binocular Loupes Sets** with i-View on S-FRAME, Protective lenses, 2 sterilisable swivel levers, retaining cord, cleaning fluid, cleaning cloth, case

with HR Binocular Loupe 2.5x / 420mm working distance

**C-000.32.356**

with HRP Binocular Loupe 4x / 340mm working distance

**C-000.32.431**

Find your individual combination with all the various loupes options on [www.heine.com/binocular\\_loupes\\_headlights](http://www.heine.com/binocular_loupes_headlights)





De Grift 20  
7711 EJ, Nieuwleusen

[www.laservision.nl](http://www.laservision.nl) | [info@laservision.nl](mailto:info@laservision.nl) | 0529 - 428000 | [@laservision\\_instruments](https://www.instagram.com/laservision_instruments)