

➤ **HEINE LED MicroLight®**  
Ultralight, universal Headlight.



HEINE LED MICROLIGHT®



**The LED MicroLight.** Ideal for all surgical and dental applications. A unique custom LED Headlight, with the choice of a versatile lightweight headband or the high-tech HEINE S-Frame. The high-performance LED in combination with precision ground glass lenses impresses with exceptionally bright, white, homogenous light filling the entire light spot edge to edge.



HEINE LED MicroLight®

- ∴ **Advanced LED Technology.** White, homogenous light, ideal for all surgical and dental applications.
- ∴ **Compact and lightweight.** Ensures perfect comfort.
- ∴ **Aluminium Housing:** Compact and long lasting with advanced heat management. Housing does not heat up.
- ∴ **Waterproof design.** Easy to clean.
- ∴ **Individual adjustment of height and angle of view.** 100 % coaxiality for shadow-free light.
- ∴ **Homogenous illumination of the whole field of view.** Approximately 81 mm illumination field at 420mm, approx. 95 mm at 500mm working distance.

Technical Specification	
Illumination	<b>40.000 Lux</b> at a working distance of 250 mm
Colour Temperature	<b>6,250 Kelvin</b>
LED Operating Life	1W super-high output LED rated at <b>50,000 hours operating life</b>
Weight	50 g together with S-Frame, 165 g together with Lightweight Headband
Angle of Declination	Individually-adjustable for every examination and 100 % coaxiality
Operating Time	17 hours (with mPack LL)



[01]

HEINE mPack LL® [01]  
Power Source

- ∴ **Portable power pack.** Does not tie the user to desk, wall or static power supplies.
- ∴ **Li-ion Technology.** Triple capacity compared with current NiCd systems. No memory effect, autonomy for 17 hours.
- ∴ **Charge Status Display.** Always lets you know how much operating charge you have left.
- ∴ **Fast Charge.** Charges to full capacity in 2 hours.
- ∴ **Stepless light intensity control.** Optimum brightness setting prevents reflexes.

HEINE S-Frame® [02]  
HEINE Lightweight Headband [03]  
Mounting Options

S-FRAME



[02]

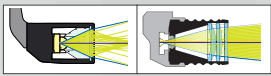
- ∴ **Maximum comfort** with a modern, ergonomic design.
- ∴ **Malleable temples and nose pad.** Can be customized to fit any face perfectly.
- ∴ **Innovative materials** – Carbon-Kinetium reduces weight (50g together with LED MicroLight).
- ∴ **Tough polycarbonate protective lenses.**

HEADBAND LIGHTWEIGHT



[03]

- ∴ **Lightweight** (165 g together with LED MicroLight). Ideal for spectacle wearers.
- ∴ **Fully-adjustable for width to fit any head.**
- ∴ **Hygienic and comfortable leather cushions.**



Conventional System

HEINE Precision Lens System

∴ **Precision multiple lens optical system** consisting of four high-quality lenses. Completely homogenous illumination of the whole field of view and a clearly defined light spot.



[01]



[02]

#### ORDERING INFORMATION

##### LED MicroLight

on S-Frame with mPack LL, plug-in transformer [01] and retaining cord in case

**J-008.31.290**

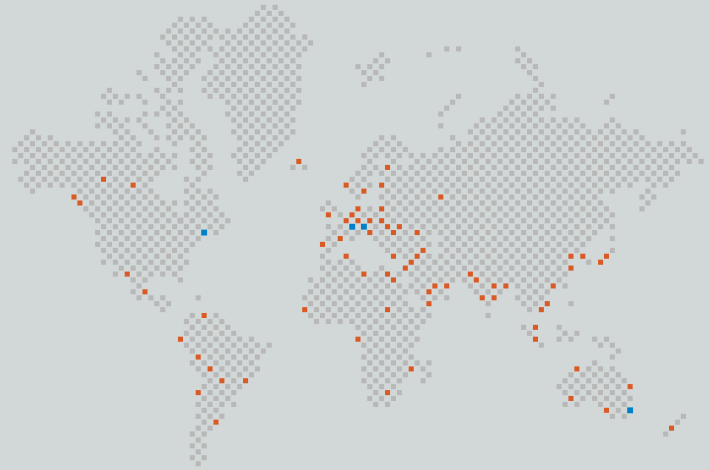
on Headband Lightweight with mPack LL and plug-in transformer [01] in case

**J-008.31.295**

Detachable Yellow Filter (optional) [02]

**C-000.32.241**

For further information, please consult the HEINE Master Catalogue or visit [www.heine.com](http://www.heine.com).



■ HEINE SUBSIDIARY COMPANIES  
■ HEINE REPRESENTATIVES

**A company makes history and gives a name to outstanding product quality: HEINE.**

Founded in 1946, family owned, rich in tradition and today international market leader in a complete range of diagnostic instruments. HEINE products meet all international standards (ISO/CE) and represent the leading edge in precision and ergonomic design. Ongoing dedication to research and development has created a solid and diverse technology base for continued quality and product leadership. Over 500 employees worldwide contribute to this success.

[www.heine.com](http://www.heine.com)

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We reserve the right to change specification without notice.

Your distributor

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