

**HEINE** QUALITY  
MADE IN GERMANY

**LED HQ**

LED NOW IN HEINE QUALITY.

EL 10 LED



A real highlight. In all respects.

**HEINE EL 10 LED®**

LED Examination Light





Only a few lights are as bright, none are as homogeneous as ours.  
Illumination without compromises for every application.

**Stationary and yet flexible. Bright and yet homogeneous. Position, brightness, and spot size can be adjusted with one hand. LED – economical with high colour fidelity. Our new examination light combines many characteristics that facilitate everyday working life. Highlights at a glance:**



#### CONTINUOUS ADJUSTMENT

Light intensity can be regulated continuously between 6,500 and 45,000 Lux. Spot size can be adjusted in a diameter between 8.5 and 14 cm to suit any situation. Both at a working distance of 30 cm.



#### INGENIOUS ONE-HAND OPERATION

Controls with ergonomic grip allows for intuitive and fast adjustment of brightness and spot size. The timeless, puristic design blends harmoniously into any modern practice environment.



#### COMPACT DESIGN

The compact illumination head (Ø app. 60mm) allows an almost coaxial illumination, particularly in difficult application situations.



This is a conventional LED

This is LED<sup>HQ</sup>: Light in HEINE Quality



Normal LED: unrealistic colours



LED<sup>HQ</sup>: red is red



# More Brightness. More Flexibility. More Possibilities.

## FUNCTIONALITY IN HEINE QUALITY



The coiled goose neck keeps the light exactly in the required position – today and for years to come.



An electrical control system monitors all functions and guarantees safety.



The hermetically sealed housing allows for easy and efficient cleaning and disinfection.



HEINE provides the perfect mounting for every application – table mount, wall mount or on a wheeled stand for mobile use.

## HEINE LED<sup>HQ</sup>: LIGHT, THAT SHOWS COLOURS AS THEY ARE



### LIGHT INTENSITY

To be able to discern even the slightest abnormalities, it is necessary to properly illuminate the object being examined. It's not a question of utilizing the brightest LED available, but utilizing the right LED and combining it with the optical system of the instrument to achieve the optimum brightness for the examination. This is guaranteed with all of our HEINE LED<sup>HQ</sup> instruments.



### HOMOGENEITY

A precision optical system with three specially aligned lenses produces an absolutely homogeneous and sharply focused field of illumination.

**CRI  
85**

### COLOUR RENDERING

In order to obtain an authentic colour temperature, we hand select every 10 Watt high performance LED. This effort enables us to guarantee that each EL10 LED produces the same light pattern. Colour Rendering Index >85. Result: Red is red, blue is blue.



### THERMAL MANAGEMENT

A heat conducting foil and an aluminium heat sink conduct the heat away from the LED and thereby guarantee a consistent luminosity and performance throughout the LEDs' lifetime.

**LONG  
LIFE**

### DURABILITY

At HEINE our philosophy is to provide the very highest quality products, which translates to the best value for our customers. That's why our LEDs have a virtually unlimited working life and deliver the same performance from the date of production throughout their lifetime (up to 30,000 hours).

**LED<sup>HQ</sup>**

LED NOW IN HEINE QUALITY.



## GUARANTEE

HEINE makes no compromises in manufacturing high quality medical instruments. Our commitment to vertical integration in manufacturing means we control all aspects of our instrument quality, from utilising carefully selected, well-matched materials to a high level of hand assembly. This ensures that each HEINE instrument meets or exceeds all requirements in any medical environment. We stand behind this commitment with a 5 year guarantee!



EL 10 LED Examination Light with clamp mount

EL 10 LED Examination Light  
**with wall mount**

**J-008.27.001**

EL 10 LED Examination Light  
**with clamp for table-top mounting**

**J-008.27.002**

EL 10 LED Examination Light  
**with wheeled stand, metal base**

**J-008.27.003**



EL10 LED Examination Light on wheeled stand, metal base

For further information please refer to: [www.heine.com](http://www.heine.com)



## EVERY STEP A GIANT STRIDE

Since 1984 HEINE Optotechnik has been developing examination lights. The first was the HKL with its innovative fiber optic technology. In 1992, we launched the HL 1200, the first light with Xenon Halogen technology. The HL 5000, introduced in the year 2000, pushed the limits for this technology. Now the time has come again: we've developed the LED to such an extent that we can offer it in HQ – HEINE Quality.

HEINE Quality is what generations of doctors have relied on. HEINE products represent the leading edge in durability, performance and function and meet the relevant international standards (ISO/CE). This strong focus on quality without compromises is the secret of our success. In ongoing coordination with doctors and universities, the HEINE research and development department continuously creates new products. For us, innovation means to listen to our users attentively and develop products that improve their every-day work.

HEINE was founded in 1946 and is an independent, family-owned company which leads the international market with its complete range of diagnostic instruments. Over 500 employees worldwide continue to contribute to this success.

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