



**CONVERT YOUR SLIT  
LAMP TODAY**  
Swap tungsten for LED

**HS HAAG-STREIT  
UK**

Look closer. See further.



## Reasons to convert to LED

- **Finer detail;** It gives an improved illumination, allowing finer detail for clinical diagnosis
- **Cost-effective;** It eliminates the need for routine bulb changes, saving you money
- **Greener;** It gives more than a 60% energy-saving, compared with a tungsten bulb
- **Long-lasting;** It lasts 150 times longer than a tungsten bulb
- **Efficient;** It reduces the amount of equipment failure associated with tungsten bulbs.

Move to a new, improved illumination system today

**For further information on converting your slit lamp to LED, please contact the HS-UK Service Division today on (01279) 456314 or, alternatively, email [sales.uk@haag-streit.com](mailto:sales.uk@haag-streit.com).**

CONVERT YOUR SLIT LAMP TO LED

Finer detail.  
Sharper illumination.  
Reduced costs.

## The trouble with tungsten

Many eye clinics are still using tungsten bulbs in slit lamps, rather than newer LED\*.

### **Tungsten bulbs provide many challenges;**

- Tungsten bulbs produce 'hot-spots', meaning the level of detail available to view is reduced
- The average price of a tungsten bulb is currently £76, thus, replacement of blown bulbs is costly
- The illumination in tungsten bulbs is poorer than LED, meaning your view of the anterior segment and retinal detail could be improved
- When a bulb blows this will cause downtime for your equipment. Tungsten bulbs are the biggest cause of equipment failure
- Tungsten bulbs consume 60% more energy than LED
- Many hospitals are using non Haag-Streit bulbs which are poorly-made. This can cause damage to your slit lamp.

### **Are you still using tungsten bulbs?**

\*Light-emitting diode

## What's the alternative?

Modern slit lamps now have LED illumination and no longer use tungsten bulbs, however, HS-UK can convert existing older slit lamps to incorporate LED illumination.

### **There are many reasons to convert to LED;**

- An LED enhancement will give your slit lamp a brighter, crisper and more even illumination, eliminating 'hot-spots'
- LED provides the best detail for clinical diagnosis. The increase in power in the short wavelength improves fluorescence, anterior chamber-examination and increases detail on the retina
- The new unit contains a motion sensor to automatically reduce power when the slit lamp is not in operation, reducing energy consumption by up to to 60%
- The LED lasts for approximately 30,000 hours, which is 150 times longer than a traditional bulb and will reduce down-time caused by 'blown' bulbs.

### **Isn't it time to change to LED?**



## What's involved?

An LED enhancement is quick and simple to perform, with little downtime. Our Service Engineers will visit you and install the conversion kit in just a few hours.

An LED conversion kit consists of; a replacement illumination head, power supply unit and illumination controls.

The power supply unit is engineered to protect against light hazards in accordance with ISO 15004-2:2007.

We also offer the option of the illumination control box to either be placed on an existing table (with a single cable to the power supply), or to be completely integrated into the table-top (with no visible wires).

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