

# Light is essential: Products for medical devices

# Light for medical and scientific applications

## Why OSRAM?

**OSRAM is the leading supplier of medical OEMs worldwide**



# Light for medical and scientific applications

## Why OSRAM?

**A lot of application are covered with OSRAM lamps**

- **Surgical Lights**
- **Bilirubin Therapy Lights**
- **Dental Curing Lights**
- **Microscope Lights**
- **Endoscopy Lights**
- **Analyzing Lights**
- **Medical fiber optics**
- **Purification with UV Lights**



# Light for medical and scientific applications

## Why OSRAM?

**A product range for every application: Surgical lighting**

Instant brilliant light and light output over life with a constant colour temperature and excellent colour rendering

- [64291 XIR](#)®
- [64292 XIR](#)®
- [64668 XIR](#)®
- [64638 HLX](#)®
- [64642 HLX](#)®
- [64643](#)
- [64647](#)
- [64650](#)



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## Why OSRAM?

### A product range for every application: Bilirubin therapy lighting

As part for medical devices Osram BLUE is the perfect solution for the treatment of jaundice. Its compact design is suitable for mobile equipment and hand-held luminaires. It works emission-free and with low energy consumption.

- DULUX® S BLUE 9W/71
- DULUX® L BLUE 18W/71
- L BLUE 18W/71



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## Why OSRAM?

### A product range for every application: Dental curing

Exposure of light-activated composites and adhesives. High irradiation level required for short curing time in dental applications

- HBO®
- XBO®
- 64617/ 64617S
- 64624



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## Why OSRAM?

### A product range for every application: Microscopy

Illumination for microscopy visualization in medical and life science system. Providing white light and a wide range of wavelengths for fluorescence applications. Optimized for surgical, diagnostic and inspection microscopy.

- XBO®
- HBO®
- HXP®
- Halogen lamps without reflector



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## Why OSRAM?

### A product range for every application: Analyzing

Effective and optimised illumination to identify the molecular structure of a compound or to determine its purity. The filament with tight tolerances provides an excellent and uniform illumination of small areas with constant and brilliant light over the entire lifetime.

- HBO®
- XBO®
- HXP®
- 64258®
- 64259®
- 64623 HLX®





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## Why OSRAM?

**A product range for every application: Medical fiber optics**

Illumination of human organs or tissue containing a well-balanced spectral characteristics and high colour rendering. Focused light beam for easy and efficient coupling into light guides with small diameters. Optimized for endoscopy and surgical headlamps

- **XBO**®
- **64627 HLX**®
- **64634 HLX**®
- **64653 HLX**®



## A short interview with: Frank Beeken



**Mr. Frank Beeken is Global Manager for medical products. He is the key contact for customers and colleagues who are working with medical applications**

**Q: How long have you been dealing with medical lamps in ams Osram?**

**A: I already started with Entertainment & Industry products around 2005 as sales manager for DACH. In 2013 I got on top the role of Global Sales Head for Medical**

**Q: Which are the main features that OEMs are requesting in this market?**

**A: OEMs are looking mostly for a reliable partnership, extremely high quality, long lifetime solutions. They know we focus on their needs and work hard to fulfill their technical expectations. In addition they can count on a local well-trained sales force and customer service. Ams OSRAM is surely one of the top player in the market and our products are listed in devices/systems produced by OEMs all around the world**

## A short interview with: Frank Beeken

### **Q: Was medical market strongly affected by Covid-19?**

**A: Yes, medical market was strongly affected by Covid in 2020, but it showed a strong recovery already in 2021.**

**Lamps continue to have a key role in MED applications for different reasons:**

- due to the pandemic, many investment in SSL technology have been postponed
- replacement of lamps in instruments/devices already present in the market will go on also in the future.

### **Q: Which are the application areas Osram is focusing on most?**

**A: Endoscopy, boroscopy, microscopy, blood analysis, surgical lights and many more. Dealing with medical lamps is surely fascinating, since they can be used in a huge variety of different applications. We collaborate with OEMs in China, India, Europe and US. It's a long list of companies and we are proud to work with the top players.**



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**Do you want to know more about our products for medical devices?  
Visit our website:**

<https://www.osram.com/pia/applications/industry/medical/index.jsp>



Sensing is life

ami OSRAM

Thank you!