



## HSL-2

### Halogen Spectral Lamp

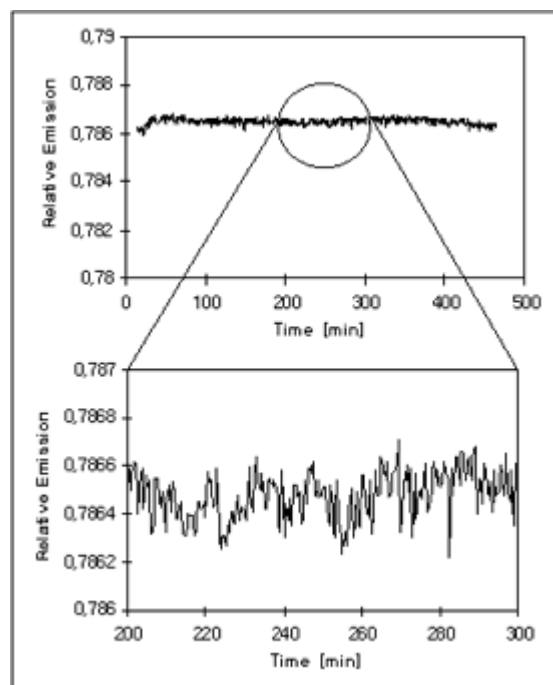
The **HSL-2** halogen light source is a state-of-the-art spectral lamp with an integrated shutter and an industry standard FSMA-coupler to connect optical fiber light guides. This spectral lamp distinguishes itself from all others because of its easy usage and very low optical output fluctuations over the entire spectral emission range. The mechanical shutter permits to close the light output in order to perform a dark current measurement or to protect a photosensitive sample by illumination. The shutter can be opened and closed manually or automatically controlled by TTL signal.



#### HSL-2 • Technical Specifications

October 2007, without guarantee, subject to changes

- Temperature controlled standard 19" chassis with 3 HU
- Dimensions: 132 x 435 x 310 mm (H x W x D)
- Weight: approximately 10 kg
- Integrated mechanical shutter, manually or TTL controlled
- TTL output signal for bulb burn control
- FSMA-coupler for standard fiber light guides
- Optionally special 5 mm coupler for liquid fiber light guides
- Spectral output range: approximately 350-1100 nm
- Stability within  $\pm 0,05$  % relative intensity
- Drift: typical  $< 0,01$  % / hour, relative intensity
- Available for 20, 35 and 50 watt halogen bulbs
- Lifetime of halogen bulb: approximately 3000 hours



Relative emission at 630 nm over 8 hours