

# HEIMANN Sensor GmbH Product Specification: IR Lamp HSL 5/115/S

The lamp HSL 5/115/S from Heimann Sensor is a cheap and a reliable IR source for nondispersive infrared (NDIR) gas detection by IR light absorption, e.g. for gases like CO<sub>2</sub> and hydrocarbons.

This IR lamp combines a small design with good handling properties and has a long lifetime. It meets the requirements of the European Union RoHS (Regulation of Hazardous Substances) Directive.

## Absolute Maximum Ratings

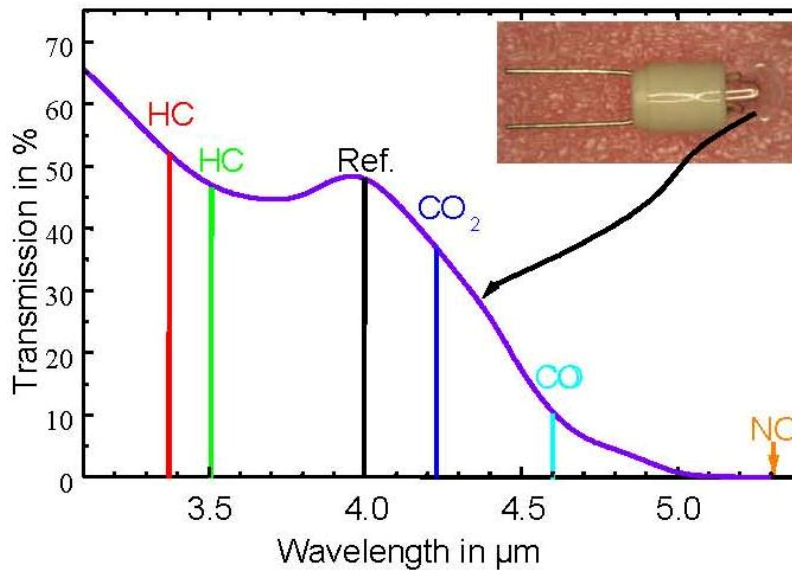
Ambient temperature: -40 to +100 °C operation / storage

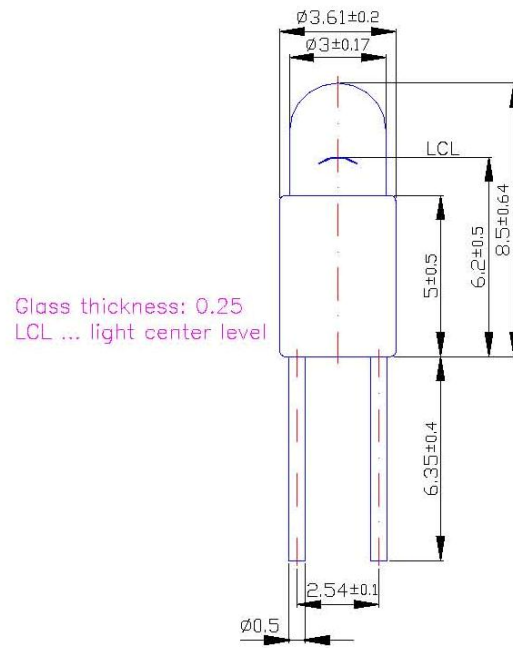
## General and Electrical Parameters, IR Lamp HSL 5/115/S

Parameter	value	Tolerance	Units
Voltage	5	-	V
Current	115	+/- 10%	mA
Brightness	0.15	+/- 25%	MSCP, mean spherical candle power, (visible)
Average lifetime	40000	-	Hours at 5 V AC

## Spectral Range

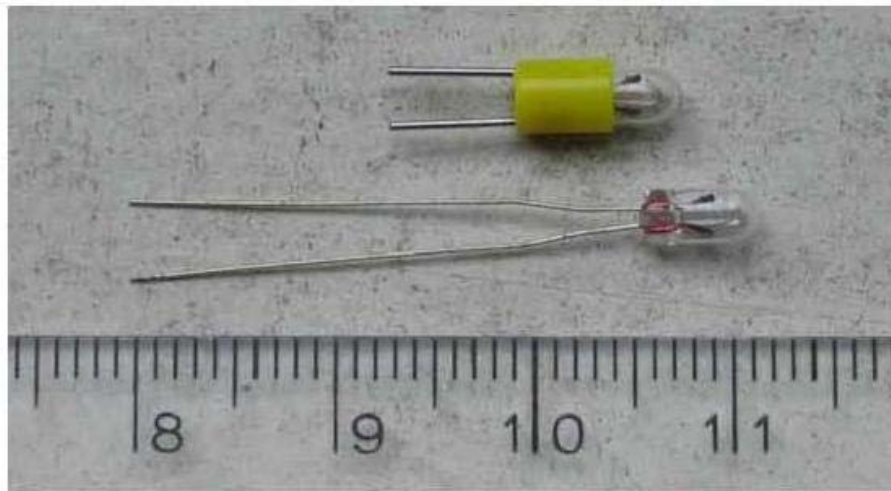
Due to the glass envelope transmission, the spectral range of the emitted radiation is limited.





**Also Available**

A version without the 5 mm tall ceramic sleeve is also available. Price is the same for less than 5000 pieces.



**Boston Electronics Corporation is an authorized agent for this product**