

### New Partner for IR Emitters

## Continuous-Wave and Pulsed Emitter from Helioworks

Laser Components introduces Helioworks: a new partner for IR emitters. The product portfolio comprises continuous-wave emitters and pulsed versions.

In the cw-operated emitters of the EK series the emitting element is made of Kanthal™. To increase the output power, a gold-coated parabolic mirror is integrated in the TO housing. The emitter achieves temperatures of between 900°C and 1050°C.

Pulsed emitters with peak temperatures of approximately 700°C are characteristic for the EF series. These emitters have three emitting NiCr filaments that can be operated either together (2-pin TO-8 housing) or individually (4-pin TO-8 housing).

Also pulsable are the EP series emitters with a tungsten filament; they achieve temperatures above 1650°C. Thus, they are perfectly suited for NIR applications. They are exclusively available in a TO-8 housing with a sapphire window.

The EK and EF series are available both with and without sapphire, CaF<sub>2</sub>, or ZnSe windows.

### More Information

<http://www.lasercomponents.com/de-en/product/ir-emitters/>

## The Company

LASER COMPONENTS specializes in the development, manufacture, and sale of components and services in the laser and optoelectronics industry. At LASER COMPONENTS, we have been serving customers since 1982 with sales branches in five different countries. We have been producing in house since 1986 with production facilities in Germany, Canada, and the United States. In-house production makes up approximately half of our sales revenue. A family-run business, we have more than 170 employees worldwide.