

Press Release

New Trend Color in Industrial Image Processing

405 nm and 445 nm FLEXPOINT® Line Lasers

Wavelengths between 400 nm and 450 nm are becoming more and more popular in machine vision applications. Blue line lasers provide a strong contrast, particularly when measuring red objects. They are, therefore, primarily used to measure red-hot steel. They are also used in the food processing industry (e.g., to classify salmon). The shorter wavelengths produce a thinner line than their red counterparts and thus enable higher resolutions.

All LASER COMPONENTS' FLEXPOINT® MV modules are, therefore, also available with a violet 405 nm and a blue 445 nm beam, effective immediately. The output power is in the range between 1 mW and 400 mW.

Beam profile. LASER COMPONENTS equips the laser with the required beam profile. A homogeneous line, multi-lines, dot matrices, cross-hairs, or circle lasers nearly every desired profile option is available.

MV series. The right module is available for each application! Of the machine vision laser modules, there are six series available, each of which is designed for a very specific application.

Prototypes and customer-specific solutions. All FLEXPOINT® laser modules are designed and manufactured in Germany. It is easy for customers to talk to the LASER COMPONENTS' R&D engineers to develop the best laser module for their application.

More Information

<http://www.lasercomponents.com/de-en/product/blue-and-purple-blue-flexpoint405-nm-and-445-nm/>

Trade Shows

Opto, October 23-25, 2012, Paris Expo, Porte de Versailles, France, **Hall 1**

Vision 2012, Nov, 06-08, 2012, Trade Fair Centre Stuttgart, Germany, **Booth 1F14**

electronica 2012, Nov, 13-17, 2012, Munich International Trade Fairs, Germany, **Booth A2.306**

The Company

LASER COMPONENTS is specialized in the development, manufacture, and sale of components and services for the laser and opto-electronics industries. With sales offices in four different countries, the company has served its customers since 1982. In-house production at six locations in Germany, Canada, and the USA began in 1986 and is meanwhile responsible for about half of its turnover. Currently, the family-run business employs more than 140 people worldwide.