

520 nm at up to 120 mW**Green Laser Diode from Osram Opto Semiconductors**

LASER COMPONENTS has included three different laser diodes with an emission wavelength of 520 nm in its product range.

Space saving and efficient – therefore made for embedded solutions: The small PL 520 monomode laser diode brings you one step closer to mobile projection. It is an efficient laser source in both cw and pulsed operation: in cw operation, this green laser diode, which comes in a TO-38 ICut housing, has an output power of 50 mW. In addition to embedded solutions, it is also perfectly suited for use in cameras and head-up displays.

The PLT5 520 model can do even more: with the same characteristics as the PL 520, this laser diode is housed in a somewhat larger TO-56 housing because a photodiode for power control purposes is also integrated. Both versions feature a high modulation bandwidth.

The green PLP 520 multimode laser diode is used, for example, in laser projectors in home entertainment systems. The output power is 120 mW. The beam quality meets the highest demands. The compact TO-56 housing features an improved thermal stability. With this laser diode, you will be well equipped for applications that require high efficiency!

More Information

<http://www.lasercomponents.com/de-en/news/green-laser-diode-from-osram-opto-semiconductors/>

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.