

Class IIIb laser diodes



Overview

Class IIIb diode lasers are devices that emit coherent light, typically in the visible to infrared spectrum. It will be listed either in Arabic numerals (1 2, 3R, 3B, 4) or in Roman numerals (I, II, IIIa, IIIb, IV). With its homogeneous line it serves applications which needs a homogeneous illumination. The options “thin line ” or “high depth of focus ” offer the possibility for either a high. [See More] UCH Series. Lasers are classified based on their potential for causing injury — especially eye damage, since the eye is most susceptible to excess laser light. There are four main classes for visible-beam lasers: Class 2, Class 3R, Class 3B and Class 4. We supply standard Class I laser diodes (less than 0. 39 mW), Class II laser diodes (less than 1 mW), Class IIIa laser diodes (less than 5 mW) and Class. In 2001 the standard governing the safety of laser products in Europe (EN) and Internationally (IEC), was substantially revised and the Classification system was overhauled.



Article Content

Laser Hazard Classification

This class includes all lasers or laser systems which cannot emit levels of optical radiation above the exposure limits for the eye under any exposure conditions inherent in the design of the laser product.

Related Video Reference

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