

Safety

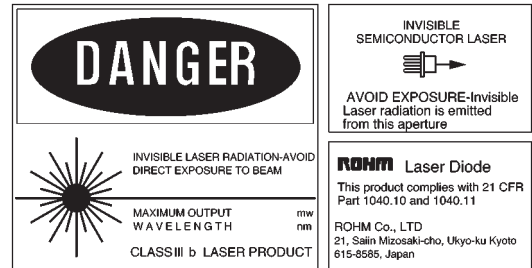
The laser beam emitted from a laser diode is almost invisible to the human eye, however, it will injure the eye and sufficient caution must be exercised to avoid direct exposure or exposure through a fiber to the beam when a laser diode is in operation.

Safety standards governing laser radiation include the U.S. standards (ANSIZ136.1) drafted and enacted in 1973, the IEC standards (IEC Publication 825) established in 1988, and Japan's JIS standards (JIS C6802) established in 1988.

To protect the user from injury due to laser beam exposure, the standards consist of requirements both for the device and for the user.

All ROHM laser diodes are classified as Class III b devices according to the above U.S. standards. The laser beam of a Class III b device must not be viewed directly and the device must not be touched. Furthermore, equipment in which these devices are incorporated must include interlocks and other safety features.

To adjust the optical axis or perform other similar work, we recommend using an infrared-sensitive ITV camera. We also recommend that protective glasses be worn.



Notes

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Products listed in this document are no antiradiation design.

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