

Laser Diode Classification Chart



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The experience gained in millions of hours of laser use in the laboratory and industry has permitted the development of a system of laser hazard categories or classifications.



Understanding the most common laser sources, modes of operation, and gain media provides the context for selecting the proper laser for your specific application.



According to the current classification system, these lasers are classified as Class 1M or Class 2M. This type of radiation is considered low risk but potentially hazardous. The class limit for 3R is five times ...



There are four main classes for visible-beam lasers: Class 2, Class 3R, Class 3B and Class 4. The first two are relatively safe for eye exposure; the last two are hazardous. The chart below shows that the ...



Each is described in more detail here: Class 2, Class 3R, Class 3B and Class 4. The first two Classes are relatively safe for eye exposure; the last two are hazardous.



This table shows the meaning of the different Classes of Lasers and LEDs according to the current version of EN 60825-1 and IEC 60825-1. A more detailed description is available by going to An ...



3.3 Laser and Laser System Hazard Classification Definitions. This section provides technical definitions of laser and laser system hazard classifications.



Typical Laser Classifications ... Note: The lowest value in each CW Class 3B power range was determined assuming default ocular exposure times of 100 seconds for 180-400 nm, 0.25 seconds ...



UW-Madison Laser Safety Program follows the American National Standards Institute's (ANSI) Z136.1 standards classification for lasers. The standard defines the hazard and defines control measures for ...

Contact Us

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