Diode Laser

Max. output power: **2000 milliwatts** (2 watts)
Wavelength: **400-700 nanometers** (visible light)
Min. divergence: **1.5 milliradian**
Output: Continuous (CW)
Laser hazard classification: **Class 4, “Danger”**

### Laser Safety Facts

**Laser hazards**

*Eye injury from beam*

Do not look into the direct or reflected beam; can cause eye injury up to 700 ft (213 m) away. Also, avoid staring at the bright dot scattered from a surface.

*Visual interference (glare) with pilots and drivers*

Interferes with vision up to 3 miles (4.8 km) away. Can be a distraction up to 30 miles (48 km) away. **NEVER point any laser towards aircraft or vehicles; it is unsafe and illegal.**

*Skin injury & materials damage*

Can cause skin burns up to 30 ft (9 m) away. May burn heat-sensitive materials. Darker colors will heat up faster.

**Safe use guidance**

This is a high-powered laser that should be used with extreme caution. Always be aware of the beam’s location.

*Not a laser pointer*

This laser is too bright and hazardous to use as a pointer. Do not use for pointing applications. Use a Class 2 (less than 1 mW) or 3R (less than 5 mW) laser for pointing.

*Children and teen safety*

**This is not a toy.** Do not permit children to use this laser. Always supervise teenagers; some have injured themselves or others with Class 4 lasers.

*Laser safety eyewear*

To help prevent eye injury, use laser safety eyewear that has an Optical Density of 3.4 or higher, at the laser’s wavelength. Other use situations may require different OD’s; consult a Laser Safety Officer.

*Additional safety information online*

Scan the QR code above, or visit LaserSafety.info/4

**Manufacturer:** [Insert manufacturer name, address, country of origin or import, contact info such as website or phone number; optional UL or similar listing. Text font is Franklin Gothic Book; boldface is Franklin Gothic Demi.]