Diode Laser
Max. output power: 2000 milliwatts (2 watts)
Wavelength: 400-700 nanometers (visible light)
Min. divergence: 1 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 1,050 ft (320 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 4.4 miles (7.1 km) away. Can be a distraction up to 44 miles (71 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 40 ft (12 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.]