



# LASER EYE PROTECTION FAQ

## HOW DO LASER DAZZLE LENSES PROTECT USERS?

- The Gentex Laser Dazzle offers Protection of 1-2 OD, which reduces laser power by 10-100X

## WHY ARE LASERS A RELEVANT THREAT?

- Inexpensive lasers are aimed at authorities to cause distractions, temporarily flash blindness, or inflict eye injuries
- They can also be used to disable camera sensors, target buildings, or aim at helicopters



STEP-IN® VISOR Laser Dazzle Eye Protection

MK1™ Laser Dazzle Eye Protection

## WHO IS AT RISK OF LASER THREATS?

- Law enforcement, crowd control, and commercial pilots

## WHAT ARE THE PROBLEMS THAT THESE PEOPLE ENCOUNTER WHEN EXPOSED TO LASER THREATS?

- Most incidents are dazzling, glare hazards, and distraction
- However, flash blindness causes afterimages, eye discomfort, blurry vision, headache, and depending on exposure, can cause permanent damage (though most of the time, these effects of flash blindness are temporary)

## WHERE ARE PEOPLE GETTING THESE LASERS?

- Most commonly used are class 2 lasers (labeled CAUTION – between 1-5mW), blue, green, and red commercial laser pointers
- These lasers are easily accessible to the public
- While lasers are regulated products, oftentimes they are not made in accordance with FDA regulations (ex. lacking labels, having inaccurate labels, or containing more power than what is labeled)

## WHAT IS THE MOST COMMON / MOST DAMAGING LASER?

- 532nm (green) accounts for 90% of laser incident reported
- The human eye is 50 times more sensitive to green, so it appears much brighter than red lasers (even though they both contain the same amount of energy)

## WHAT CAN I DO IF I ENCOUNTER A LASER, BUT I'M NOT WEARING LASER EYE PROTECTION?

- Blink frequently, look down, or look away

To learn more about Gentex Corporation's eye protection and visual acuity products and technologies, visit [gentexcorp.com/eyeprotection](https://gentexcorp.com/eyeprotection).