



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.