



LAZRBLOC[®] LASER PROTECTIVE LENSES

For Military, Tactical and Aviation Protection Against Varied Laser Threats

As laser threats continue to escalate across operational theaters—from visible-spectrum harassment tools to invisible near-infrared (NIR) hazards—Revision’s LazrBloc[®] lenses offer purpose-built, field-proven protection. Designed to defend against diverse wavelengths and power levels, LazrBloc technology mitigates laser-induced risks such as flash blindness, retinal injury, and loss of situational awareness. These lenses are engineered to meet the unique optical and environmental demands of tactical and aviation professionals.

INTEGRATED LASER FILTRATION WITH BALLISTIC DURABILITY

LazrBloc lenses are manufactured using precision-molded polycarbonate infused with laser-absorbing dyes at the material level—not applied as surface coatings. This construction method ensures permanent, uniform attenuation of targeted laser wavelengths, maximizing optical density (OD) without compromising structural integrity. Each lens is also rated to ANSI Z87.1, MIL-PRF-32432A ballistic standards and EN-166 optical and impact standards, delivering simultaneous protection against laser threats and high-velocity impact.

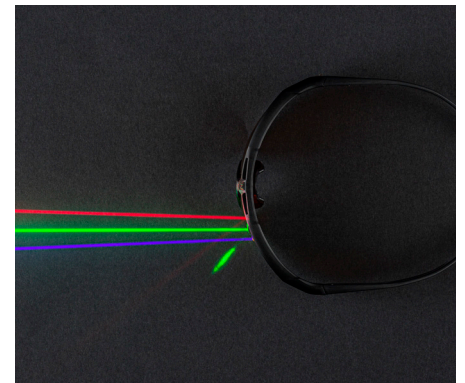


OPTIMIZED FOR OPERATIONAL USE

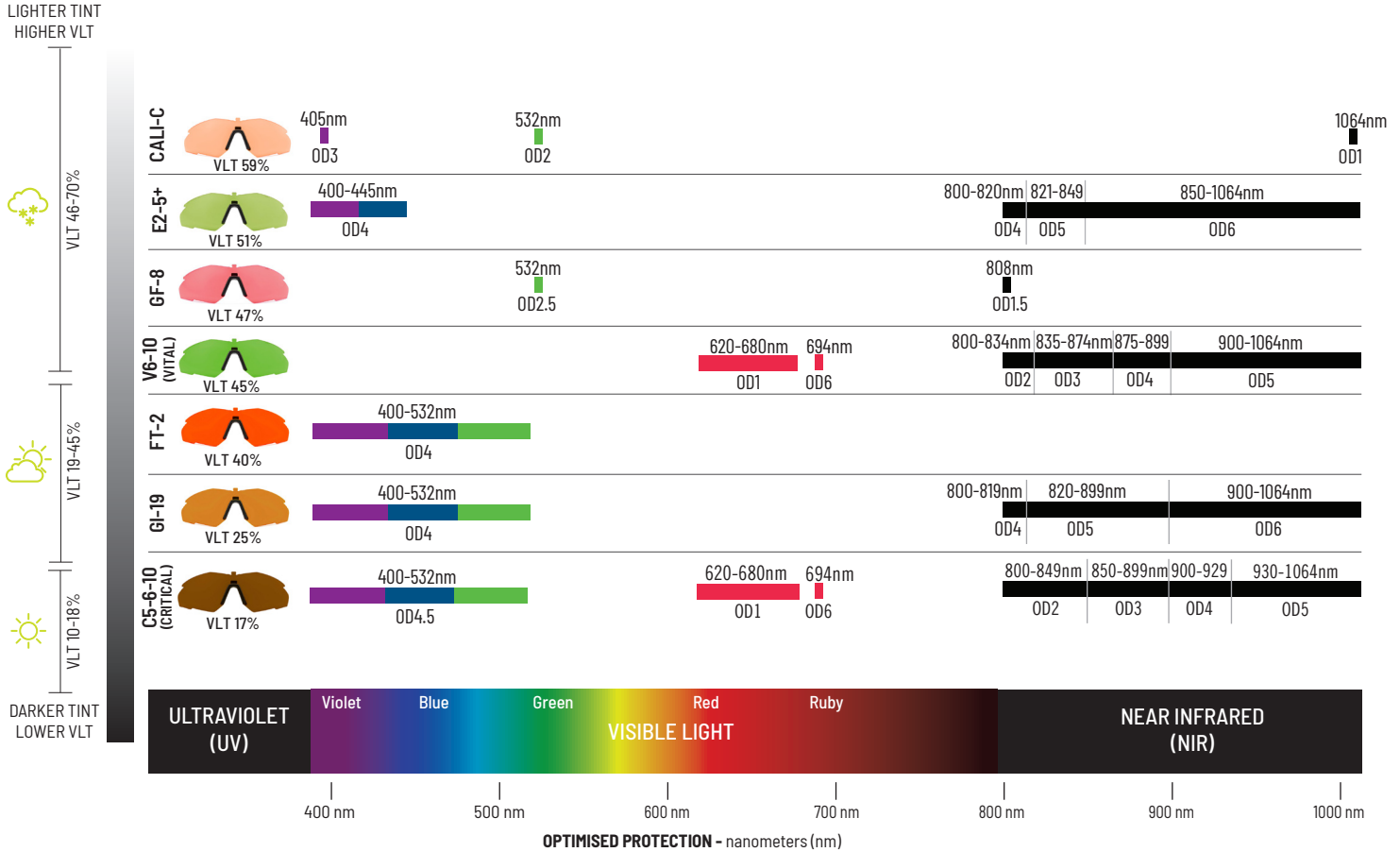
Procurement teams can specify from a range of LazrBloc lenses tailored for particular threat environments. Lens models such as FT-2 offer focused protection against common green (532 nm & 520nm), blue (445 nm), and violet (405 nm) lasers, while broader-spectrum options like C5-6-10 and GI-19 cover extends to NIR threats from 800nm to 1064 nm. GF-8 and Cali-C lens models focus on protection aviation threats. Each lens is engineered for a precise balance between OD and visible light transmission (VLT), allowing operators to retain maximum visual clarity and situational awareness, even during nighttime operations.

KEY FEATURES & BENEFITS

- **MULTI-WAVELENGTH PROTECTION:** LazrBloc lenses solutions offer different combination for multi-band protection against common Green, Blue, Violet, Red, and Near-Infrared laser threats.
- **BALLISTIC CERTIFIED:** Meets MIL-PRF-32432A and ANSI Z87.1 for high-velocity impact protection.
- **DURABLE, FOG-RESISTANT COATINGS:** Includes OcuMax[®] anti-fog and scratch-resistant treatments.
- **PRECISION OPTICS:** Delivers distortion-free vision for high-speed operations and situational awareness.
- **PLATFORM VERSATILITY:** Available in spectacles, goggles, and aviation-specific formats.



REVISION® LAZRBLOC® LASER PROTECTIVE LENS SUMMARY



PLEASE NOTE:

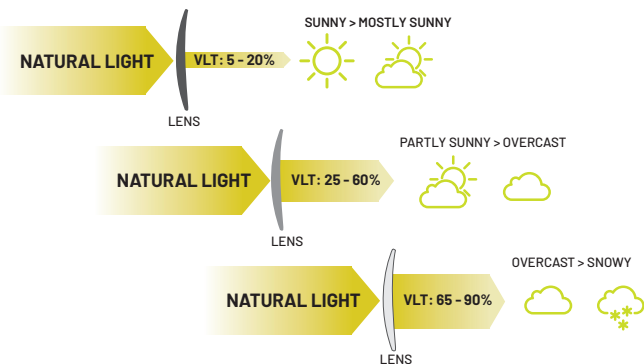
- The VLT is reported using D65 illuminate which simulates noon-time, natural daylight.
- Not all laser formulations are available to all customers or markets.
- These ranges are based upon spectrophotometer readings from ICS Laboratories and Revision Military's laboratory.
- Individual lens protection ranges may vary.
- Revision's LazrBloc lenses provide a range of protection above and below the optimized protection wavelengths to varying degrees of optical density due to the inherent properties of the dye-based laser protection technology.
- Lenses can be custom modified to suit specific protection requirements. Please contact your Revision Military representative for more information.

DEFEND AGAINST LASERS

See how Revision's in-house laser protection innovations set the global standard for mission-critical eyewear.

WHAT IS VISIBLE LIGHT TRANSMITTANCE? (VLT):

The amount of light a lens allows to pass through is called Visible Light Transmission (VLT). For example, a lens with a VLT of 55 admits 55% of visible (non-UV) light, filtering out the remaining 45%. The higher the VLT percentage, the lighter (or more transparent) the lens. The lower the VLT percentage, the darker the lens will be. Regardless of VLT, all Revision lenses provide 100% UVA/UVB protection.



OPTICAL DENSITY (OD):

The OD determines the amount of laser light which is blocked (by reflection or absorption) by the eyewear lens, so higher the OD number, the more laser light that is blocked. Optical Density is measured at a specific wavelength and is defined as:

OPTICAL DENSITY (OD)	LASER LIGHT TRANSMITTANCE	BLOCKED LASER LIGHT	MAXIMUM PROTECTED LASER POWER
0.0	100.0%	0%	0mW
1.0	10.0%	90.0%	10mW
1.5	3.2%	96.8%	32mW
2.0	1.0%	99.0%	100mW
2.5	0.3%	99.7%	316mW
3.0	0.1%	99.9%	1,000mW
4.0	0.01%	99.99%	10,000mW
5.0	0.001%	99.999%	100,000mW
6.0	0.0001%	99.9999%	1,000,000mW