



Precise Laser Protection

Optimum, balanced light transmission

Non-distorted color recognition

Military-grade ballistic protection

Rugged and durable

Flawless optics

LazrBloc® Laser Protective Lenses: For Military, Tactical and Aviation Protection against Varied Laser Threats.

As laser technology advances, forces the world over find themselves in the line of laser fire. Over the last decade, reported laser strikes have risen exponentially. Laser threats are not only more prevalent, they are also more diverse. In an instant, laser strikes can cause vision disruption, distraction, disorientation, and even eye damage. In the field, any impediment to vision can be perilous, but lasers pose a particularly stealthy threat, occurring in numerous forms, wavelengths, and strengths. Forces exposed to laser incursions – whether in law enforcement, the military, or aviation – need to adapt quickly.

LazrBloc lenses encompass a suite of unique laser protective lenses, specially developed for precise laser eye defense against a variety of light energy wavelengths, including harmful and invisible near-infrared energy. LazrBloc laser protective lenses are integrated, interchangeable, situation-adaptable eye protection products. In a field where technological advancement is accelerating, Revision's LazrBloc ballistic lenses provide a robust and cutting-edge solution.

KEY FEATURES

TARGETED LASER PROTECTION – Together, LazrBloc lenses block the variety of predominant lasers, covering the visible spectrum, with several simultaneously absorbing damaging near-infrared (NIR) radiation

OPTIMIZED LIGHT TRANSMISSION & COLOR RECOGNITION – Formulated to enable the highest level of photopic and scotopic visible light transmission, and color recognition, to maintain mission critical situational awareness

INTERCHANGEABLE LENSES – Lenses are made of indestructible, optical-grade polycarbonate that can be interchanged quickly for various light conditions and provide 100% protection from harmful UV-A-B-C rays

BALLISTIC PROTECTION – High-impact polycarbonate lenses exceed military ballistic impact standards

FLAWLESS OPTICS – Precision manufactured lenses ensure distortion-free vision

RUGGED DURABILITY – Eye protection that lasts, performing and protecting in all kinds of hostile environments

ANTI-FOG – OcuMax® is proven to be the #1 anti-fog and scratch-resistant coating in the world, and it resists a wide variety of chemicals, including DEET (available on StingerHawk® as well as Revision's goggle lines)







MULTI-PLATFORM AVAILABILITY – Manufactured for Revision's full slate of military and tactical spectacle and goggle lines



REVISION LAZRBLOC LASER PROTECTIVE LENS SUMMARY

The six laser lenses below comprise the diverse LazrBloc family of laser protective products. Revision's laser protective ballistic lenses are made with innovative laser dye technology. This suite of lenses covers a large swath of the visible spectrum, with several options providing additional protection against invisible and damaging near-infrared light energy. These lenses have been carefully formulated to maximize protection—optical density (OD) – and minimize impact on the field of vision—maintaining the highest possible visible light transmission (VLT) – while providing ballistic fragment and impact defense in hostile situations.

Revision tests LazrBloc laser lenses in its state-of-the-art research and development and optical laboratories and has certified many of the lenses at 3rd party testing facilities. The spectrum of LazrBloc offerings, and the ability to conduct in-house R&D, molding, and coating, enables Revision to meet specific and varied laser protective measures, including single, multi-band, or broadband protection. Revision is committed to providing a full complement of high-impact, laser protective solutions for our customers' use in a wide variety of military and tactical environments.

IMAGE (FOR COLOR REFERENCE)	PRODUCT NAME	PROTECTED LASERS	OPTIMIZED PROTECTION	VISIBLE LIGHT TRANSMISSION (VLT) PHOTOPIC/SCOTOPIC
	E2-5	Near Infrared (NIR)	820nm-880nm OD4 1064nm OD5	55% / 38%
	GF-8	Green NIR	532nm OD2.5 808nm OD2	50% / 25%
	FT-2	Violet Blue Green	405nm OD4 445nm OD4 532nm OD4	42% / 6%
	V6-10 (VITAL) NSN AVAILABLE ITAR CONTROLLED	Ruby NIR	694.3nm OD4 1064nm OD4	45% / 40%
	C5-6-10 (CRITICAL) NSN AVAILABLE ITAR CONTROLLED	Violet Blue Green Ruby NIR	405nm OD5 445nm OD5 532nm OD4 694.3nm OD6 1064nm OD5	18% / 4%
	G1-19	Violet Blue Green NIR	405nm OD5 445nm OD4 532nm OD4 800nm-820nm OD4 820nm-900nm OD5 1064nm OD6	25% / 4%

PLEASE NOTE:

- 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.

Optical Density (OD):

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

OPTICAL DENSITY (OD)	LASER LIGHT TRANSMITTANCE (%)	BLOCKED LASER LIGHT (%)
0	100%	0%
1	10%	90%
2	1%	99%
2.5	0.3%	99.7%
3	0.1%	99.9%
4	0.01%	99.99%
5	0.001%	99.999%
6	0.0001%	99.9999%



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