



metaAIR[®] for Aviation

Laser glare protection from dangerous laser strikes

metaAIR[®] for Aviation eyewear contains a patented holographic optical filter that is engineered to provide glare protection from laser strikes. It has been scientifically designed with multiple layers to provide protection from harmful green laser light. The lenses are mounted in a bold, black frame custom fit for audio headsets and offer professional pilots an ideal combination of transparency, laser glare protection, and color balance. Through collaboration with Airbus test pilots on key frame and lens design features, META[®] has delivered the ultimate laser glare protection solution.

BENEFITS



532nm GREEN LASER
SELECTIVE FILTER



HIGH
TRANSPARENCY



CUSTOM ENGINEERED
FRAME FOR ADDITIONAL
SAFETY



ANTI-REFLECTIVE
COATING (ARC), UV
PROTECTION



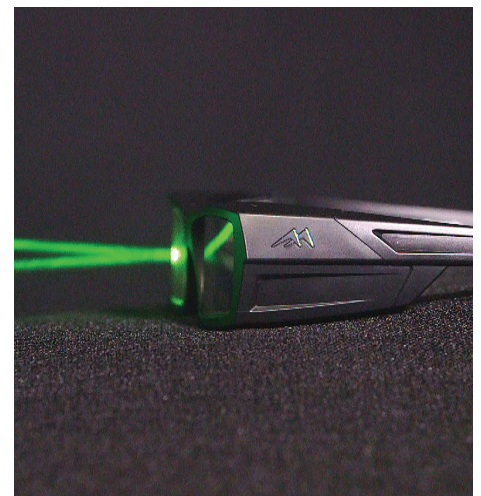
NIGHT FLIGHTS
READY



TRUE COLOUR
FIDELITY FOR COCKPIT
INSTRUMENTS

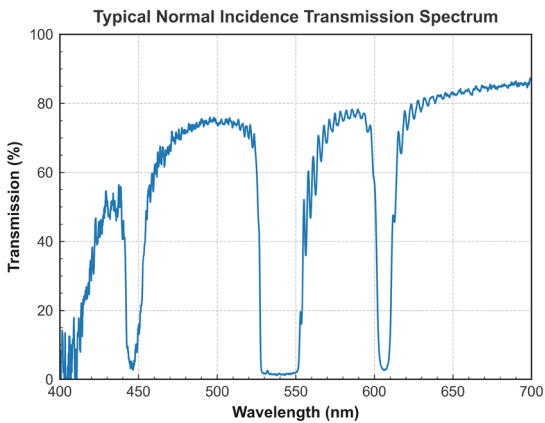
APPLICATIONS

Protection against laser glare and flash blindness

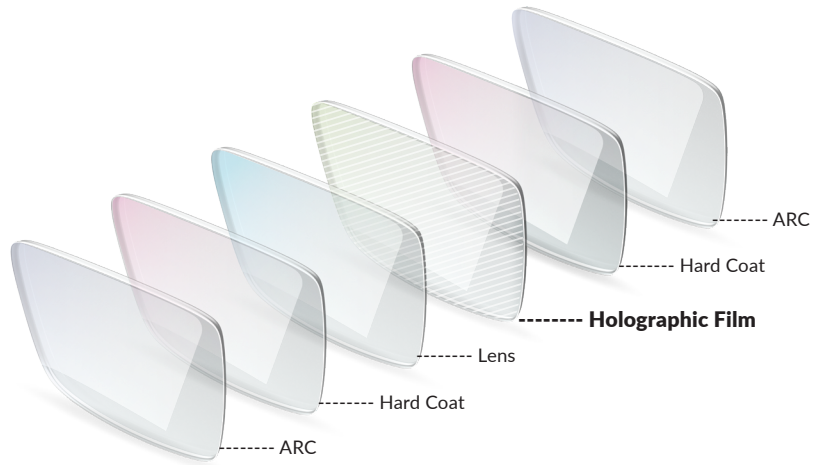


SPECIFICATIONS

Frame Material:	Premium TR90 nylon with black, anti-reflective texturing
Lens Material:	Polycarbonate
Anti-reflective Coating (ARC):	Yes
Protection Wavelength:	532nm laser glare protection
Peak Optical Density:	OD5
Angular Coverage:	60° (hor) x 40° (ver) approx. 85% of field of view <i>(OD2.0 full angle based on eye-centred measurements. Percentage of protection includes the frame.)</i>
Out of band transmission:	>70%
Certification:	EN166:2001 - Personal Eye Protection EN170:2002 - Personal Eye Protection Ultraviolet Filters ANSI Z87.1-2015 - Impact Rated, with Z87+ U6S marking REACH Compliant
Fit Compliance:	Alderson Headform 50th Percentile, for both comfort and headset compatibility



Transmission Spectrum



Layer Breakdown