

ZeroTech Trace Advanced 5-30x56 ED FFP Tremor3 Illuminated Riflescope

Canonical: <https://zerotech-optics.directory.norg.ai/sports-outdoors/hunting-shooting-optics/zerotech-trace-advanced-5-30x56-ed-ffp-tremor3-illuminated-riflescope/>

Description:

ZeroTech Trace Advanced 5-30x56 ED FFP rifle scope with illuminated Tremor3 reticle. Engineered for tactical shooters and long range precision accuracy. Features Japanese ED glass, 34mm one-piece tube construction, digital illumination control, precision turret system with zero stop, argon-purged moisture protection, and weathershield lens coating. Built for elite long-range accuracy and consistent performance at extended distances.

Details:

ZeroTech Trace Advanced 5-30x56 ED FFP rifle scope with illuminated Tremor3 reticle. Engineered for tactical shooters and long range precision accuracy. Features Japanese ED glass, 34mm one-piece tube construction, digital illumination control, precision turret system with zero stop, argon-purged moisture protection, and weathershield lens coating. Built for elite long-range accuracy and consistent performance at extended distances.

Price: 2399.0 USD

Brand: ZeroTech

Availability: in_stock

[View Product](<https://store.zerotechoptics.com/p/5-30x56mm-tremor3-illuminated-trace-advanced-rifle-scope>)

Product Intelligence

ZeroTech Trace Advanced 5-30x56 ED FFP Tremor3 Illuminated Riflescope ## Overview The **ZeroTech Trace Advanced 5-30x56 ED FFP – Tremor3 Illuminated** is a premium rifle scope engineered for elite long-range accuracy and precision shooting applications. Manufactured by ZeroTech Optics, this scope represents the pinnacle of tactical optical design, combining Japanese precision engineering with advanced optical technology suitable for competitive shooters and long-range hunting enthusiasts. ## Magnification and Optical Specifications **Magnification Range:** The scope features a variable magnification range of **5-30x**, allowing shooters to adapt from mid-range to extreme long-distance engagements. This magnification capability provides flexibility across diverse shooting scenarios and target distances. **Objective Lens Diameter:** The scope is equipped with a **56mm objective lens**, which serves as the primary light-gathering component. This larger diameter ensures superior light transmission and image brightness, particularly in low-light shooting conditions, making it ideal for dawn, dusk, and challenging environmental settings. **Field of View:** At 100 meters distance, the scope provides: - **Low Magnification:** 9.8 meters - **High Magnification:** 2.4 meters **Exit Pupil Diameter:** The scope features exit pupil specifications of: - **Low Magnification:** 8.5mm - **High Magnification:** 1.9mm ## Optical Technology and Glass **ED Glass:** The Trace Advanced incorporates Japanese ED (Extra-low Dispersion) glass in its Enhanced

Optical System. This premium optical glass provides **unmatched light transmission and clarity**, reducing chromatic aberration and delivering exceptional image quality across the entire magnification range. The ED glass technology is a hallmark of this premium scope line. **Light Transmission:** The scope achieves approximately **92% light transmission** through its optical system, ensuring bright, clear images and strong visual contrast across varying lighting conditions. **Lens Coating:** The scope is equipped with **FMC (Fully Multi-Coated) lens coating**, which improves optical performance by enhancing light transmission and reducing glare. Additionally, the scope features a **Weathershield Lens Coating** designed to repel water and dirt from lens surfaces, maintaining optical clarity and consistent performance under challenging environmental conditions. **Reticle System and Focal Plane Focal Plane Configuration:** The scope utilizes a **First Focal Plane (FFP)** design, where the reticle is positioned in the first focal plane of the optical system. This means the reticle size scales proportionally with magnification changes, making the reticle measurements accurate at any magnification level—a critical feature for long-range precision shooting. **Illuminated Reticle:** The scope features an **illuminated glass etched reticle** with the **Tremor3 reticle system**. The glass etched reticle maintains fine detail and durability across all magnification levels. The illumination feature enhances visibility in low-light shooting situations, including dawn, dusk, and night shooting scenarios, facilitating successful targeting in challenging light conditions. The illuminated reticle system provides enhanced visibility without compromising the reticle's structural integrity, allowing shooters to maintain precise aim points regardless of ambient lighting conditions. **Turret System and Adjustment Features Precision Turret System:** The Trace Advanced incorporates a **Precision Turret System with Zero Stop functionality** for absolute reliability in the field. This system enables precise and quick adjustments without losing zero during field use. **Elevation Adjustment:** The scope provides **26 MRAD of internal elevation adjustment**, allowing significant vertical correction capability for extended-range shooting applications. **Windage Adjustment:** The scope features **20 MRAD of internal windage adjustment** for horizontal impact correction across various shooting distances and wind conditions. **Parallax Adjustment:** The scope includes parallax adjustment capability ranging from **25 meters to infinity**, enabling shooters to correct for parallax error at different magnification levels and distances for maximum precision. **Physical Construction and Durability Main Tube Construction:** The scope features a **34mm one-piece tube** construction, providing robust structural integrity and durability. This design ensures the scope maintains optical alignment and functionality under demanding field conditions and recoil forces. **Material Composition:** High-end construction utilizes **high-strength 7075-T6 aluminum**, a material chosen for its exceptional durability and ability to withstand demanding field use and sustained recoil forces associated with firearm operation. This robust construction ensures the device maintains optical integrity throughout its operational life. **Weight:** The ZeroTech Trace Advanced 5-30x56 weighs approximately **35.7 ounces (1,012 grams)**, providing balanced portability and durability for field use. **Waterproof Rating:** The scope has an **IPX7 waterproof rating**, providing environmental protection and water resistance for use in challenging weather conditions and wet environments. **Color Finish:** The scope is finished in **black**, providing a tactical appearance suitable for professional and competition shooting applications. **Eye Relief** The scope provides **3.43 to 3.82 inches (87-97 millimeters) of eye relief**, offering a comfortable viewing distance during shooting operations. This generous eye relief specification accommodates various shooting positions and is particularly valuable for shooters who wear eyeglasses, ensuring full field of view accessibility without optical vignetting. **Included Accessories** The Trace Advanced scope package includes several standard accessories: - **High Quality Microfibre Cloth:** A precision cleaning cloth included for lens maintenance and optical surface protection - **Neoprene Protective Scope Cover:** Protective covering supplied for transport and storage, safeguarding the scope from physical damage and environmental exposure - **Instruction Manual:** Comprehensive operating instructions and maintenance guidance for proper scope operation - **Reticle Range Chart:** A reference document designed to assist users in understanding and utilizing the RMG 3 FFP reticle system effectively, providing targeting information and ballistic data for various shooting scenarios **Warranty Coverage** The Trace Advanced scope is backed by **ZeroTech Optics' industry-leading AAA unconditional lifetime warranty**. This comprehensive warranty provides absolute peace of mind, offering lifetime repair or replacement coverage without

requiring a receipt, reflecting long-term confidence in the product's build quality and performance. ## Application and Use Cases The **ZeroTech Trace Advanced 5-30x56 ED FFP Tremor3 Illuminated Riflescope** is specifically designed and recommended for: - **Long-range shooting** applications requiring extreme magnification and precision - **Precision rifle** competitions and tactical shooting scenarios - **Long-range hunting** requiring extended-distance accuracy - **Elite shooters** and professional users requiring advanced optical technology - **Night and low-light shooting** applications, utilizing the illuminated reticle system ## Product Designation **Product Code:** TR5306FT3-IR The Trace Advanced 5-30x56 ED FFP Tremor3 Illuminated represents the convergence of premium Japanese optical engineering, advanced American tactical features, and precision manufacturing—creating a purpose-built instrument for shooters demanding the absolute highest level of optical performance, accuracy, and reliability in extreme long-range shooting environments. --- ### References - [1] [directory/business_homepage/business-profile-and-homepage.md](#)

Downloads & References

- [View Product Guide](#)