

# 50mm Objective Sunshade for Riflescopes

Canonical: <https://zerotech-optics.directory.norg.ai/sports-outdoors/hunting-shooting-accessories/50mm-objective-sunshade-for-riflescopes/>

## Description:

The ZeroTech 3" Sunshade threads directly into the objective of your ZeroTech 50mm rifle scope. A sunshade can greatly reduce glare experienced by the shooter, especially when the sun is low on the horizon. Compatible with Thrive, Thrive HD, Trace, and other ZeroTech 50mm rifle scope models including PHR, G4, ZEROPLEX, and R3 variants.

## Details:

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**Price:** 39.95 AUD

**Brand:** ZeroTech

**Availability:** in\_stock

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## Product Intelligence

# 50mm Objective Sunshade for Riflescopes: Technical Details, Specifications, and Features ## Overview The **50mm Objective Sunshade** is a specialized optical accessory manufactured by **ZeroTech** designed to enhance the performance of riflescopes equipped with 50mm objective lenses. This accessory serves as a critical light management tool for precision shooting applications, providing glare reduction and improved optical clarity in various lighting conditions. ## Primary Function and Purpose The 50mm Objective Sunshade is engineered to **reduce glare and control light entering riflescopes**, thereby improving visual clarity and shooting accuracy. As an optical accessory designed specifically to protect the objective lens of optical equipment, it functions as both a protective barrier and a performance-enhancing component. The sunshade shields light entering the scope to **minimize glare and improve accuracy and eye comfort** for the shooter, making it particularly valuable during bright conditions where excessive light can compromise image quality and target acquisition. ## Design and Installation The sunshade features a **flip-up cover design** for convenient operation in the field. The **50mm Objective Sunshade threads directly into compatible 50mm riflescopes**, providing a secure and integrated attachment method that requires no additional mounting hardware. This threading design ensures a stable, permanent connection while allowing for quick removal when necessary. ### Product Designation The official product model designation is **ZTA-SUNSHADE50**, identifying it as a ZeroTech Optics manufactured accessory product. ## Light Control Technology The sunshade operates on a fundamental **light control** principle—a technical feature that reduces excess light entering riflescopes to minimize glare and maintain clearer sight pictures. By limiting the

amount of incident light reaching the objective lens, the accessory effectively: - Reduces unwanted reflections and lens flare - Manages incident light during bright conditions - Improves visibility and optical clarity for the shooter - Enhances image quality by preventing light-related optical degradation

## Compatible Rifle Scope Models The 50mm Objective Sunshade is designed for compatibility with multiple ZeroTech rifle scope models featuring 50mm objective lenses: - **VENGEANCE 4-20X50** rifle scope - **4-20x50mm R3** rifle scope - **4-20x50mm R3 Illuminated** rifle scope - **4-20x50mm PHR II** rifle scope - **4-20x50mm PHR II Illuminated** rifle scope - **6-24x50 R3** rifle scope - **6-24x50 R3 Illuminated** rifle scope - **Trace Advanced 4-24x50** rifle scope (Japanese-made precision scope) - **Thrive HD** 50mm objective models - **Trace** rifle scope 50mm objective models

## Optical Performance Benefits By reducing glare and reflections, the 50mm Objective Sunshade contributes to: - **Enhanced optical clarity** and improved image sharpness - **Improved target acquisition** in bright light conditions - **Better visibility** during precision rifle applications - **Protection from environmental elements** including direct sunlight - **Increased shooting comfort** through reduced eye strain

## Protective Features The sunshade functions as a **protective component** that safeguards the objective lens from: - Light-related optical degradation - Direct sunlight exposure - Environmental damage from weather and external elements This protective barrier is particularly important for maintaining long-term optical performance and protecting the investment in quality rifle scope equipment.

## Application Scenarios The 50mm Objective Sunshade is particularly beneficial for: - **Bright light conditions** where excessive glare compromises sight picture quality - **Precision hunting** applications requiring optimal optical performance - **Long-range shooting** where clarity is essential for target identification - **Tactical applications** demanding consistent optical performance - **Backcountry and low-light shooting conditions** where glare management becomes critical

## Manufacturer and Warranty The 50mm Objective Sunshade is manufactured by **ZeroTech**, a company with over 50 years of established experience in optical instrumentation. ZeroTech rifle scope accessories are backed by the company's industry-leading **Triple A (AAA) unconditional lifetime warranty**, providing comprehensive coverage for the accessory. --- ###

References - [1] ZeroTech - Optical Equipment Manufacturer and Accessory Provider - [2] 50mm Objective Sunshade Technical Specifications and Design Features - [3] Vengeance Rifle Scope Series Compatibility and Accessory Support - [4] Trace Advanced Rifle Scope Line and Optical Performance Characteristics - [5] Light Control and Glare Reduction Technology in Optical Accessories

## Downloads & References

- [View Product Guide](#)