

# THRIVE HD 4-16x44mm FFP LR HUNTER Illuminated Rifle Scope

Canonical: <https://zerotech-optics.directory.norg.ai/sports-outdoors/hunting-shooting-optics/thrive-hd-4-16x44mm-ffp-lr-hunter-illuminated-riflescope/>

## Description:

Discover unparalleled versatility with the THRIVE HD 4-16x44mm LR Hunter Illuminated Rifle Scope. Designed for both field and range, this First Focal Plane (FFP) scope offers precise aiming without sacrificing fast target acquisition at low magnifications. Features include: FFP LR Hunter Illuminated Reticle combining precision, simplicity, and speed for versatile shooting scenarios; 30mm tube ensuring durability and superior light transmission; HD alloy flip-up covers that are adjustable and removable for added protection; capped turrets with 0.1 MRAD per click adjustments for precise settings; 92% light transmission maximizing target visibility in low light conditions; and Weathershield lens coating protecting against environmental elements. Trusted by hunters and shooters for years, the THRIVE HD series combines over 50 years of optics industry expertise.

## Details:

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**Price:** 849.0 AUD

**Brand:** ZeroTech

**Availability:** out\_of\_stock

[View Product](<https://store.zerotechoptics.com/p/4-16x44mm-ffp-lr-hunter-thrive-hd-riflescope>)

## Product Intelligence

# THRIVE HD 4-16x44mm FFP LR HUNTER Illuminated Rifle Scope ## Overview The **THRIVE HD 4-16x44mm FFP LR HUNTER Illuminated Rifle Scope** is a premium optical instrument manufactured by **ZeroTech Optics**, designed for hunters and precision shooters requiring versatile long-range and field shooting capabilities. This First Focal Plane (FFP) scope combines advanced optical technology with practical hunting features. ## Magnification and Optical Specifications The rifle scope features a **4-16x variable magnification range**, providing flexibility across multiple shooting scenarios from close-quarters hunting to mid-to-long-range precision shooting. The **44mm objective lens diameter** serves as the primary light-gathering component, determining the scope's brightness, contrast, and light transmission characteristics. The scope achieves **92% light transmission** through its optical

system, delivering superior optical clarity and brightness across varying lighting conditions. This exceptional light transmission ensures clear image quality even in challenging low-light environments.

**## Reticle and Focal Plane Design** The riflescope utilizes a **First Focal Plane (FFP)** configuration with an **illuminated LR HUNTER reticle**. In FFP design, the reticle is positioned in the first focal plane, meaning the reticle size scales proportionally with magnification changes. This design allows the reticle to maintain accurate subtension measurements across all magnification levels, making it particularly valuable for long-range shooting applications where holdover calculations are essential. The LR HUNTER reticle provides specialized aiming marks designed specifically for hunters engaged in long-range shooting, offering multiple holding points for distance compensation and target acquisition.

**## Structural Components** The riflescope features a **30mm main tube** construction, a high-strength aluminum structure that provides durability and structural integrity. The **objective lens outer diameter is approximately 51.4mm**, while the **ocular outer diameter measures 43.5mm**. These precise dimensions ensure proper mounting compatibility and integration with standard rifle platforms.

**## Adjustment Mechanisms** The scope incorporates **capped turrets** for elevation and windage adjustments, providing mechanical protection while enabling precise targeting calibration. These turrets operate with **0.25 MOA (minute of angle) per click adjustments**, allowing shooters to make fine-tuned corrections with consistent precision for accurate sight-in settings. The internal adjustment ranges include **90 MOA of elevation adjustment** and **90 MOA of windage adjustment**, providing substantial vertical and horizontal aiming capability across different shooting distances and conditions.

**## Field of View and Optical Performance** At 100 meters, the scope delivers exceptional field of view characteristics: - **Low magnification (4x): 9.8 meters** - **High magnification (16x): 2.4 meters** These specifications enable shooters to maintain situational awareness at lower magnifications while achieving detailed target identification at maximum power.

**## Eye Relief and Exit Pupil** The riflescope provides **93mm of eye relief**, ensuring safe and comfortable positioning of the shooter's eye relative to the ocular lens. This specification is particularly important for consistent sight picture acquisition and safe operation during recoil impulses. The exit pupil diameter specifications include **12.5mm at low magnification and 3.0mm at high magnification**, directly affecting light transmission and image brightness across the magnification range.

**## Protective Coatings and Durability** The THRIVE HD 4-16x44mm incorporates **Weathershield lens coating**, providing comprehensive weather resistance and protection against dust, moisture, and environmental exposure. The coating enhances overall durability while simultaneously improving optical clarity and maintaining light transmission efficiency. The riflescope meets **IPX7 waterproof rating standards**, ensuring reliable performance in wet conditions and demanding field environments typical of hunting applications.

**## Included Accessories** The riflescope package includes essential documentation and accessories: - **Illumination capability** for enhanced visibility in low-light shooting conditions - **Instruction manual** providing operational guidance - **Reticle range chart** assisting with distance estimation and ballistic calculations specific to the LR HUNTER reticle configuration

**## Design Heritage** The THRIVE HD 4-16x44mm is based on the **legendary bullet-proof features of the original THRIVE scope**, combining proven reliability with advanced HD (High Definition) optical technology for superior image quality and clarity.

**## Intended Applications** This riflescope is specifically designed for precision hunting and long-range shooting applications, where hunters and shooters require reliable optical performance, accurate reticle functionality across variable distances, and durable construction capable of withstanding demanding field conditions. The combination of FFP technology, illuminated reticle, and substantial magnification range makes it particularly suited for hunters pursuing game at extended distances where elevation compensation is essential.

## Downloads & References

- [View Product Guide](#)