# **Ready for the hunt.** With best-in-class total elevation travel.



Seeing beyond

## **ZEISS LRP S3 First Focal Plane Riflescopes** Product Brochure



zeiss.com/lrp-s3

# **Ready for long-range hunting.** With best-in-class total elevation travel.

In the world of long-range hunting, new performancebased cartridges are constantly pushing purposebuilt bullets to higher velocities for ultimate terminal performance. In turn, the capabilities and repeatability of riflescopes are pushed to extremes – with a key limiting factor for most scopes being sufficient elevation travel.

The solution: ZEISS LRP S3 425-50 model, with a staggering 160 MOA or 46.5 MRAD of elevation travel. Tested to withstand 1,500 g-force of shock over multiple impact cycles, the all-new ZEISS LRP S3 is ready for the toughest and most demanding hunts. Are you ready?





# Introducing ZEISS LRP S3 First Focal Plane Riflescopes

Long-range hunting requires significant amounts of time behind the rifle and scope - practicing long before considering this type of hunt. Once you have developed your shooting skills, you and your gear had best be ready for the unexpected. Your 'glass' becomes your most valuable piece of gear on these hunts – both binoculars and riflescopes. The challenges for the hunter are many: hidden game, switching winds, poor and harsh lighting. You will need to carefully assess the field conditions and opportunity before taking the harvesting shot. These obstacles will test every parameter of the riflescope's capability - and while you may not be able to control the conditions, you can certainly adjust for them based upon your choice of a riflescope.

The ZEISS LRP S3, with up to a staggering 160 MOA or 46.5 MRAD of total elevation travel, can help ensure precise bullet placement on game.

Advanced optics allow the hunter to quickly locate and confirm the sex and maturity of the species. The optical performance is assured via the use of multiple elements of ED glass, ZEISS T\* (T-Star) lens coating, and 90% light transmission. The ZEISS Ballistic Stop, with its robust design and all-metal construction, provides an absolute and repeatable zero under any field condition. The external locking windage turret, with windage limiter, offers the hunter easy access for immediate wind corrections from a confirmed zero, and a locking feature to secure the setting. The daylight visible illuminated reticle – with a user-selectable option of red or green illumination - assures a viable point-of-aim in any lighting condition. Tested to withstand 1,500 g-force of shock over multiple impact cycles, the all-new ZEISS LRP S3 first focal plane riflescopes are ready for the hunt.

## **ZEISS LRP S3 425-50 and 636-56** First Focal Plane Riflescopes

#### Best-in-class total elevation travel.

With a staggering amount of total elevation travel

- 160 MOA or 46.5 MRAD for the 425-50 model
- 110 MOA or 32 MRAD for the 636-56 model

#### Advanced optics.

With Extra Low Dispersion (ED) glass elements, ZEISS T\* multi-coated lenses, and 90% light transmission, the ZEISS LRP S3 models deliver advanced optical performance.



#### Daylight visible illuminated reticle.

A powerful daylight visible illuminated reticle, with userselected option of red or green illumination is controlled via five intensity levels. Only the center section of the reticle illuminates for a most precise point of aim.

Model illustrated above is LRP S3 425-50

#### **Ballistic Stop and External Locking Windage Turret.**

ZEISS LRP S3 riflescopes utilize ZEISS' proven Ballistic Stop to provide an absolute and true return to zero. Furthermore, they offer an External Locking Windage Turret that provides immediate access for wind corrections, with a locking feature.







## **ZEISS LRP S3** 425-50 and 636-56

First Focal Plane Riflescopes

6-

**Reticles**: **ZF-MRi ZF-MOAi** 

Elevation **Turrets**:



#### **Daylight Visible Illuminated Reticle**

- Red/Green illumination
- Digitally controlled, five intensity levels
- Auto-off feature
- Center-of-reticle illumination
- Powered by CR 2032 battery

#### **Best-in-Class Total Elevation Travel**

- 425-50: 160 MOA or 46.5 MRAD
- 636-56: 110 MOA or 32 MRAD

### **Diopter Adjustment**

- European-style fast focus
- +3/-3 diopter settings
- Easy adjustment for corrective vision

#### **Ballistic Stop and External Locking Windage Turrets**

- Multi-turn, lifting design with enhanced engraving
- 0.1 MRAD or 0.25 MOA click value option
- One revolution equals 10 MRAD or 25 MOA
- Elevation turret with dual row engraving
- Windage turret locking feature

### **Smarter First Focal Plane Reticles**

- Milliradian: ZF-MRi
- Minute of angle: ZF-MOAi
- Etched and chroma structures with highly intuitive designs - with floating center dot
- Numerical indicators and reference marks for precise and fast target engagement

### **FEATURES AND ATTRIBUTES: -**





Lightweight





**ED** Extra-Low Dispersion Lens Elements

OPTICS: ——





Side Parallax

■ 425-50: 15 meters to infinity

■ 636-56: 10 meters to infinity

Larger diameter for ideal control

Adjustment

Side Parallax Adjustment

**TURRETS:** –

External Locking Windage Turret





aalling

2 Click

ONDA

0.1 0.1 MRAD

1/4 0.25 MOA





#### **Compact and Heavy-Duty**

- 34 mm main tube mono-bloc housing
- Machined from solid aluminum billet T6
- Up to 3 mm main tube wall thickness
- Matte black, hard-coat anodized finish
- Shock tested to 1,500 g-force



#### Advanced Optical Design

- Extra-Low Dispersion (ED) lens elements
- 90% light transmission
- ZEISS T\* (T-Star) multi-layer coating
- LotuTec<sup>®</sup> hydrophobic protective lens coating

Model illustrated above is LRP S3 425-50

Waterproof up to 400 mbar



34 mm Maintube





Nitrogen Purged

ZEISS Transferable Limited Lifetime Warranty and Transferable Five-Year No-Fault Policy

## **ZEISS FFP RETICLE** Milliradian: ZF-MRi

The ZF-MRi smart reticle was designed with professional input from active competitors and instructors. Its purpose is to dominate at PRS and NRL matches. The milliradian (MRAD) reticle incorporates a "tree-style" primary structure with useful hash marks, dots, and reference numbers - without the clutter. The points-of-aim and holds are represented in 0.2, 0.5, and 1.0 MRAD increments; and even numbers are displayed for fast and intuitive visual reference. If winning is your goal, then the ZF-MRi reticle was made for you.



Image above is for illustration purposes

ZEISS LRP S3	425-50	636-56	Distance - H	0.6
UNIT OF MEASURE	MR	AD	Dot Size - I	0.04
Line Thickness - A	0.	03	Distance - J	0.2
Distance - B	0	.1	Distance - K	0.5
Distance - C	0	.2	Distance - L	1.0
Distance - D	0	.4	Standard Number Size - M	0.3
Distance - E	0	.6	Distance - N	0.5
Distance - F	0	.2	Distance - O	0.2
Distance - G	0	.2	Distance - P	0.2

#### ZEISS LRP S3 425-50 and 636-56 **ZF-MRi Reticle Magnification Comparison**









ZEISS LRP S3 425-50 and 636-56 **ZF-MOAi Reticle** Magnification Comparison











## **ZEISS FFP RETICLE** Minute of Angle: ZF-MOAi

The ZF-MOAi smart reticle was designed with precision shooting and long-range hunting in mind. This is a great reticle for the most challenging shots in the field and on the range. The clean and clutter-free reticle utilizes hash marks that represent 1 MOA (minute of angle), and even numbers are displayed for fast visual reference. The windage dots below centerline are placed at 2 MOA increments, so that you can easily confirm the wind's influence on the bullet's impact down-range. The floating center point of aim provides a precise hold on the most difficult targets.

Image above is for illustration purposes

o 83	425-50	636-56	Distance - H	0.5
MEASURE	MOA		Standard Number Size - I	0.75
ness - A	0.1		10, 20, 30 Number Size - J	1.0
В	0.5		Dot Size - K	0.125
С	0.25		Dot Spacing - L	2.0
D	1.0		Distance - M	1.5
E	2.0		Spacing around center cross - N	0.5
F	1.0		Distance - O	1.0
G	0.5		Distance - P	32

Images to the left represent 22" target size at 250 yards.

## **ZEISS LRP S3 First Focal Plane Riflescopes** Specifications



LRP S3 425-50 (MOA Configuration Illustrated)





**MOA Turret Option** 







MRAD Turret Option

ZEISS LRP S3 First Focal Plane Riflescopes						
Model	425-50	636-56				
Magnification	4×-25×	6×-36×				
Focal Plane	First Focal Plane (FFP)					
Effective Lens Diameter - Ocular	38 mm	38 mm				
Effective Lens Diameter - Obj.	50 mm	56 mm				
Exit Pupil Diameter	7.1–2.0 m	8.8–1.6 mm				
Twilight Factor	11.7–35.4	17.7–44.9				
Field of View at 100 yds (ft)	9.5–1.6 m/100 m // 28.5–4.8 ft /100 yd	6.8–1.1 m/100 m // 20.4–3.3 ft /100 yd				
Diopter Range	+3.0 / -3.0					
Eye Relief	8 –9 cm / 3–3.5 in					
Parallax Setting	15 – ∞ m // 16.4 – ∞ yd	$10 - \infty$ m // $10.9 - \infty$ yd				
Light Transmission Value	90%					
Elevation Adjustment Range	46.54 MRAD // 160 MOA	32.00 MRAD // 110 MOA				
Windage Adjustment Range	17.45 MRAD // 60 MOA	14.55 MRAD // 50 MOA				
Click Value	0.1 MRAD / 0.25 MOA					
Main Tube Diameter	34 mm					
Eyepiece Tube Diameter	45 mm					
Objective Tube Diameter	60 mm	65 mm				
Objective Thread	M54 x 0.75 mm	M62 x 0.75 mm				
Coatings	LotuTec <sup>®</sup> and ZEISS T* (T-Star)					
Fogproof	Nitrogen Purged					
Waterproof	400 mbar (submerged 13 ft for 2 hours)					
Operating Temperature	-13 / +133° F					
Length (at zero diopter setting)	340 mm // 13.4 in	384 mm // 15.1 in				
Weight	1,040 g // 36.7 oz	1,107 g // 39.1 oz				
Reticle Illumination (Dual Color)	Yes (Daylight visible. Five intensity levels. Auto-off.)					
Reticle Options (MOA)	ZF-MOAi					
Reticle Options (MRAD)	ZF-MRi					

Product Number	Description	Reticle Type
522665-9917-090	LRP S3 425-50 (MOA)	ZF-MOAi
522675-9916-090	LRP S3 425-50 (MRAD)	ZF-MRi
522685-9917-090	LRP S3 636-56 (MOA)	ZF-MOAi
522695-9916-090	LRP S3 636-56 (MRAD)	ZF-MRi



## ZEISS LRP S3 425-50 and 636-56

Associated products and accessories



**ZEISS** Precision Rings



Victory RF Binocular Laser Rangefinder



ZEISS Lens Care Kit



Conquest HD 15x56



Sunshades 50 mm and 56 mm



Victory Harpia 95



ZEISS

Seeing beyond

Conquest Gavia 85





#### ZEISS Transferable Limited Lifetime Warranty and Transferable Five-Year No-Fault Policy

Customer Service 1-800-441-3005 info.sportsoptics.us@zeiss.com

Carl Zeiss SBE, LLC Consumer Products zeiss.com/precision-shooting Join the ZEISS Hunting community. Follow us online:

facebook.com/ZEISSHuntingUS



ZEISS LRP S3 Riflescopes zeiss.com/lrp-s3

ochure - Printed in USA 08/2022 LLC is not responsible for typographical ∈

youtube.com/user/zeisssportsoptics



4

@ZEISSHunting