



**When you turn motion into emotion.**

ZEISS Lightweight Zoom LWZ.3 21-100mm/T2.9-3.9 T\*



# Capturing unique moments.

ZEISS LWZ.3 21-100mm

// INSPIRATION  
MADE BY ZEISS





## Unique moments. Unique images. Unique stories. Cinematic look

Being a filmmaker, every single shooting day awaits you with its individual, unforeseen challenges. Even if you plan your shoot carefully, unexpected moments are sometimes just what you need. It's your ambition to capture our world's unique, unreproducible moments. What could be more important to you than a powerful toolset?



### Superior performance

The new ZEISS Lightweight Zoom LWZ.3 21-100mm/ T2.9-3.9 T\* zoom lens (ZEISS LWZ.3) supports you with superior performance in any imaginable shooting situation. Whether you are shooting a short film, a TV movie, a commercial, a corporate video or a TV drama, a soap or a documentary under the most difficult conditions, the ZEISS LWZ.3 is a powerful, handy and trustworthy companion on the front of your camera.

### Sophisticated lens design

An innovative and sophisticated lens design results in a tremendously lightweight lens, still accompanied by the outstanding optical performance you are familiar with using ZEISS lenses. Your shots will stand out with pin-sharp structures, vibrant colors and high contrast. Nicely shaped out-of-focus lights, a lovely bokeh and focus roll-off produce the desired cinematic look and feel of a scene.



The focus will be steady over the entire focal length. There is no shift of focus while zooming in and out, as is common with still photography lenses.

The focal length range between 21 mm and 100 mm supplies you with a wide scope for choosing the perfect angle and the ability to capture a unique moment at any second, without having to spend a lot of time changing lenses. Even at 21 mm the lens makes no compromises. The image has extremely low distortion, is free of vignetting and the MTF curves confirm sharpness from edge to edge.

### **Cine-style ergonomics**

On a bustling set you will definitely appreciate the cine-style ergonomics of the ZEISS LWZ.3. A rugged, splash-proof housing gives you enough freedom even in ambitious shooting conditions – both indoors and outdoors. Each ZEISS LWZ.3 has individually calibrated, continuously precise scales.

The robust gears and fixed gear positions allow you to easily attach follow focus or wireless lens control systems. The completely lightweight and resilient design is predestined for drone, gimbal and steady cam applications.

Ready to face the next challenge? We like you to focus on the story in front of your lens – not on technical troubleshooting and fretful workarounds. Make friends with the tough-minded ZEISS LWZ.3 and be game for the dazzling array of adventures yet to come.

# Mastering the balance between weight, size, steadiness and optical performance

## Product features

The special ZEISS T\* coating reflects any unwanted stray light, thus ensuring superior high contrast, deep black and saturated colors.

A rugged, splash-proof housing gives you a reliable lens in any ambitious shooting environment out there.

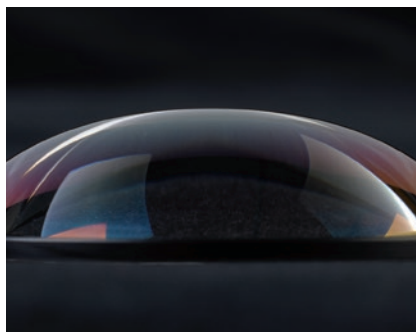
Calibrated focus scales and a nearly 300-degree rotation angle allow precise focus pulling.



A parfocal lens design eliminates irritating focus shift while zooming in and out. Keep the action in focus – at all times!



Controlled stray light and high contrast



Parfocal lens design

Weighing just 2 kg / 4.4 lbs, the ZEISS LWZ.3 is a real featherweight in a robust metal housing. But the ZEISS LWZ.3 is still easy to use and features outstanding optical performance.



The interchangeable mount system allows you to switch easily between different camera systems and is a flexible, future-proof investment.

You will appreciate the cine-style ergonomics with calibrated, precisely fanned-out and smoothly moving scales.

#### Benefits at a glance:

- Future-proof investment
- Compact and lightweight design
- Can be used with all lens control systems
- Covers Super 35 sensor cameras
- Cine-style ergonomics
- Robust and reliable
- Cinematic look thanks to 11 blade aperture



Watch the demonstration of our interchangeable mount system

*Shims to adjust flange focal distance; Mount including threaded black inner ring; Adapter ring with support bracket; Torx screws using a torque of 0.4 Nm; Screws; Siemens star test chart*

## Interchangeable mount system

### A future-proof solution

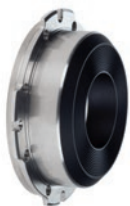
The ZEISS LWZ.3 is equipped with an easy-to-operate, interchangeable mount system. It enables you to switch quickly from a typical cine-style PL-mount to four other mounts (Canon EF, Nikon F, Sony E, MFT). A truly great feature that promises a flexible and future-proof investment in today's rapidly developing camera market.



EF-mount



MFT-mount



PL-mount




Nikon F-mount



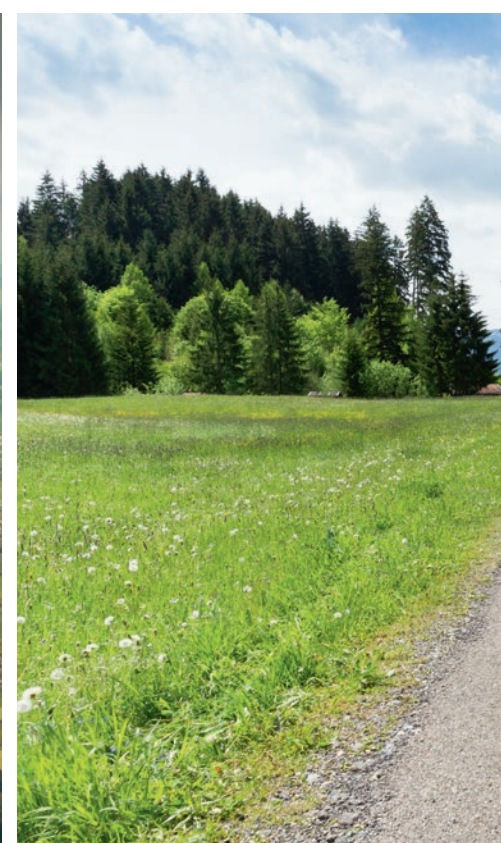
Sony E-mount



A cinematographer is shown from the side, operating a professional camera mounted on a tripod. He is wearing a grey t-shirt, blue pants, and a grey visor. The camera is a Sony FS7 with a large lens and a microphone. The scene is set in a lush green field with many small yellow flowers. In the background, there are trees and a blue sky. A semi-transparent text box is overlaid on the left side of the image.

“We shot this project with a Sony FS7 (an E-mount camera). My next project might be with an ARRI Mini camera with PL and I don’t know what kind of camera I will use next year. So the flexible mount change solution is a great benefit for me.”

Adi Geisegger, cinematographer  
[www.adigeisegger.com](http://www.adigeisegger.com)



# Specifications



## ZEISS Lightweight Zoom LWZ.3

Focal length	21–100 mm
Aperture range	2.9 to 22
Lens elements / Groups	22 lenses / 18 groups
Close focus <sup>1</sup>	0.8 m / 2'8"
Rotation angle of focusing ring (inf – MOD)	294°
Zoom rotation angle	100°
Aperture rotation angle	48°
Front diameter	114 mm / 4.49"
Length <sup>2</sup>	226 mm / 8.9"
Weight	2.0 kg / 4.4 lbs
Aperture blades	11
Coverage	ANSI Super 35 / 31.1mm
Mounts	PL, EF, E, MFT, F

Horizontal Angle of View	61–9°
Super 35 <sup>3</sup>	61–14°
Normal 35 <sup>4</sup>	55–12°
APS-C <sup>5</sup>	56–13°
MFT <sup>6</sup>	45–9°



<sup>1</sup> Close focus distance is measured from the image plane

<sup>2</sup> Front to PL-mount flange

<sup>3</sup> Horizontal angle of view for an ANSI Super 35 Silent camera aperture  
(aspect ratio 1:1.33, dimensions 24.9 mm x 18.7 mm / 0.98" x 0.74")

<sup>4</sup> Horizontal angle of view for a Normal 35 Academy camera aperture  
(aspect ratio 1:1.37, dimensions 22 mm x 16 mm / 0.87" x 0.63")

<sup>5</sup> Horizontal angle of view for an APS-C camera aperture  
(aspect ratio 1:1.50, dimensions 22.3 mm x 14.9 mm / 0.88" x 0.59")

<sup>6</sup> Horizontal angle of view for a Micro 4/3 (MFT) camera aperture  
(aspect ratio 1:1.33, dimensions 17.3 mm x 13 mm / 0.68" x 0.51")

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