

Leica 11089

# Leica Elmarit-TL 18mm f/2.8 Aspherical Pancake Lens User Manual

## INTRODUCTION

This manual provides essential information for the proper use, care, and maintenance of your Leica Elmarit-TL 18mm f/2.8 Aspherical Pancake Lens. Please read this manual thoroughly before using the lens to ensure optimal performance and longevity.

## PRODUCT OVERVIEW

The Leica Elmarit-TL 18mm f/2.8 ASPH. is a compact wide-angle prime lens designed for APS-C-format L-mount mirrorless cameras. It offers a 27mm equivalent focal length, making it suitable for a variety of photographic applications. Its optical design incorporates four aspherical surfaces to minimize distortion and spherical aberrations, ensuring high sharpness and clarity. The lens features a pancake form factor, measuring only 0.8 inches thick, which contributes to its portability and makes it an ideal companion for compact camera systems.

Key features include:

- 18mm f/2.8 wide-angle prime lens for APS-C-format L-mount mirrorless cameras.
- Provides a 27mm equivalent focal length.
- Optical design with four aspherical surfaces for enhanced sharpness and clarity.
- Compact pancake form factor (0.8 inches thick).
- Autofocus with full-time manual focus override.
- Minimum focusing distance of 11.8 inches (0.3 meters).



Figure 1: Front view of the Leica Elmarit-TL 18mm f/2.8 Aspherical Pancake Lens.

## SETUP

### Attaching the Lens to Your Camera

1. Ensure your camera is turned off.
2. Remove the rear lens cap from the lens and the body cap from your camera.
3. Align the red dot on the lens barrel with the corresponding red dot on your camera's L-mount.
4. Gently insert the lens into the camera mount and rotate it clockwise until it clicks securely into place. Do not force the lens.
5. Replace the front lens cap when not in use.



Figure 2: Angled view of the lens, highlighting the L-mount for attachment.

## OPERATING THE LENS

## Focusing

The Leica Elmarit-TL 18mm f/2.8 lens supports both autofocus (AF) and manual focus (M) modes. The mode can be selected via your camera's menu system.

- **Autofocus (AF):** In AF mode, the camera automatically adjusts the focus. This lens features fast autofocus performance.
- **Manual Focus (M):** For precise control, switch to M mode. You can manually adjust the focus ring on the lens. Even in AF mode, manual override is often possible by turning the focus ring.

The minimum focusing distance for this lens is 0.3 meters (11.8 inches), allowing for close-up shots with a magnification ratio of approximately 1:14.

## Aperture Control

The lens has a fixed maximum aperture of f/2.8, which allows for good low-light performance and shallow depth of field. Aperture settings are typically controlled through your camera body.

## MAINTENANCE

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### Cleaning the Lens

To maintain optical quality, keep the lens surfaces clean. Use a soft, lint-free cloth or a lens brush to remove dust. For smudges or fingerprints, use a specialized lens cleaning solution and a microfiber cloth. Avoid touching the glass elements directly with your fingers.

### Storage

When not in use, store the lens with both front and rear caps attached in a dry, dust-free environment. Avoid extreme temperatures and high humidity. If storing for extended periods, consider using a dehumidifying agent.

## TROUBLESHOOTING

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### Common Issues and Solutions

- **Lens not recognized by camera:** Ensure the lens is securely mounted and clicked into place. Check camera settings for lens detection.
- **Autofocus not working:** Verify the camera is in AF mode. Check for sufficient light and contrast in the scene. Clean lens contacts on both the lens and camera body.
- **Dust on images:** This is often due to dust on the camera sensor, not the lens. Refer to your camera manual for sensor cleaning instructions. For dust on the lens elements, follow the cleaning instructions above.

If problems persist, consult a qualified service technician or contact Leica customer support.

## SPECIFICATIONS

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Detailed technical specifications for the Leica Elmarit-TL 18mm f/2.8 Aspherical Pancake Lens (Model 11089):



Figure 3: Rear view of the lens, displaying the model number 11089.

Specification	Value
Product Dimensions	4.9 x 4.9 x 4.4 inches
Item Weight	10.9 ounces
ASIN	B077NGZD48
Item model number	11089
Brand	Leica
Focal Length Description	18 mm
Lens Type	Wide Angle
Compatible Mountings	Leica L
Camera Lens Description	18 month

## WARRANTY INFORMATION

Specific warranty details for the Leica Elmarit-TL 18mm f/2.8 Aspherical Pancake Lens are not provided in the available product data. Please refer to the warranty card included with your purchase or visit the official Leica website for comprehensive warranty information.

## CUSTOMER SUPPORT

For further assistance, technical support, or service inquiries regarding your Leica Elmarit-TL 18mm f/2.8 Aspherical Pancake Lens, please visit the official Leica support website or contact their customer service department. Contact information can typically be found on the manufacturer's website or in the product packaging.

