



Panasonic LUMIX H-ES045

ProdCode: PANHES045E

Leica Micro Four Thirds DG Macro-Elmarit 45mm f2.8 Mega OIS Lens

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Features

- Leica Micro Four Thirds DG Macro-Elmarit 45mm f2.8 Mega OIS Lens
- The optical image stabilisation (O.I.S.) technology built directly into the lens ensures your photos will look great, with sharp blur-free contours across the entire picture

More than macro lens

This LEICA DG MACRO-ELMARIT lens lets you do much more than just make small things bigger. Not limited to beautiful soft focusing, it lets you bring the entire frame – from corner to corner – into sharp focus. That gives you the freedom to create a wide variety of compositions, from landscapes to portraits. The inner focus system ensures excellent results – making this LEICA lens a true all-around performer.

LEICA DG Lens – ultimate optics

Opt for a LEICA DG lens and get the ultimate in optical quality and performance. They naturally meet the strict quality standards set by Leica Camera AG.

Thanks to the sophisticated design of these lenses, you will enjoy brilliant clarity all the way to the edges of your photos. At the same time, distortions of all kind are prevented which may occur with wide-angle photography to enable precise, sharp picture rendering. This means you have the ideal tool for pro-level images in the palm of your hand.

MEGA O.I.S. – sharp results

Capture scenes carefree or at the spur of the moment. The optical image stabilisation (O.I.S.) technology built directly into the lens ensures your photos will look great, with sharp blur-free contours across the entire picture.

That's because this technology immediately compensates the kind of minor movements and vibrations that can so easily occur in photography. But you won't notice any of this – all you'll see are wonderfully crisp images.

H-ES045

14 elements in 10 groups:

- 1 aspherical lenses
- 1 Extra-Low Dispersion lenses

Aspherical (ASPH) lenses reduce size and weight, effectively preventing spherical and distortion aberration.

Extra-Low Dispersion (ED) lenses correct chromatic aberration rendering sharp, high-

contrast images with clear colors from corner to corner.

Specifications

- **Closest Focusing Distance:** FULL: 0.15m / 0.5ft, LIMIT: 0.5m / 1.64ft
- **Diagonal Angle of View:** 27°
- **Dimensions:** Length: Approx. 62.5mm / 2.46" (from the tip of the lens to the base side of the lens mount)
- **Filter Size:** 46mm / 1.81"
- **Focal Length:** 45mm (35mm camera equivalent 90mm)
- **Geared Focus / Iris:** No
- **Lens Construction:** 14 elements in 10 groups (1 Aspherical lens, 1 ED lens)
- **Lens Type:** Prime
- **Maximum Aperture:** F2.8
- **Maximum Diameter:** 63mm / 2.48"
- **Maximum Magnification:** Approx. 1.0x / 2.0x (35mm camera equivalent)
- **Minimum Aperture:** F22
- **Mount Type:** MFT
- **No. Diaphragm Blades:** 7 diaphragm blades
- **Optical Image Stabilizer:** Yes
- **Weight:** 225g / 7.94oz