



Product Information

LEICA SUPER-ELMARIT-R 15 mm f/2.8 ASPH.



The launch of the LEICA SUPER-ELMARIT-R 15mm f/2.8 ASPH. continues the consistent development of the Leica R-system. This high-performance lens is the successor to the proven SUPER-ELMAR-R 15mm f/3.5 and sets new standards for super wide-angle lenses.

Compared to its predecessor, the LEICA SUPER-ELMARIT-R 15mm f/2.8 ASPH. is notable for its significantly improved optical performance, with a $\frac{2}{3}$ stop higher lens speed combined with reduced dimensions. The higher lens speed not only noticeably simplifies the precise focusing that is often critical for low focal length lenses, it also allows a slightly shallower depth of field, a feature often demanded for picture composition reasons.

This is especially relevant as this super wide-angle lens achieves outstanding results even with an open aperture. Both contrast and sharpness are very high and only slightly reduced at the edges, which means

that fine details can be seen even in the corners of the picture. Stopping down results in only a slight increase. It is only at very close range – up to 18cm – that any remaining image aberration such as coma or curvature of field should be eliminated by stopping down by 1 to 2 stops. On top of this, the lens shows very little flare and, for a super wide-angle lens, is insensitive to reflexes.

From f/8, the unavoidable vignetting with very short wide-angle lenses is only 1.3 stops in the corners of the picture, an amount that only becomes visible with uniform bright backgrounds. Compared to the predecessor model, the barrel distortion has been reduced by half, to only 2%. Other than for subjects where this figure is critical, e.g. architecture, this is negligible in practical photographic terms.

The capabilities of the LEICA SUPER-ELMARIT-R 15mm f/2.8 ASPH. are based on an optical design – with internal focusing – made up of 13 elements, of which one has an aspherical surface, four have anom-

alous partial dispersion and six are made of highly refractive glass.

As a result of its extremely large angle of view and the characteristic perspective rendition, the LEICA SUPER-ELMARIT-R 15mm f/2.8 ASPH. is particularly well suited for landscape and architectural photography, as well as for reproducing restricted parts of a building as completely as possible. The very short close focusing limit also allows the realistic portrayal of small models.

Summary:

The new LEICA SUPER-ELMARIT-R 15mm f/2.8 ASPH. combines a noticeably higher speed with the highest possible reproduction quality in every regard and is still more compact than the previous lens. Overall, this makes it an attractive extension of the photographic options offered by the Leica R system for super wide-angle applications.



my point of view

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Technical Data

- **Angle of view** (diagonal, horizontal, vertical): 111°, 100°, 77°
- **Optical design**
Number of elements / groups: 13 / 10
Aspherical surface: 1
Internal focusing
- **Distance setting**
Focusing range: Infinity to 0.18m
Scale: Combined meter/feet-increments
Smallest object field: 127 x 191mm
Highest reproduction ratio: 1:5.3
- **Diaphragm**
Setting: Preset diaphragm with clickstops (including half values)
Type: Fully automatic diaphragm
Smallest aperture: f/22
- **Bayonet:** LEICA R quick-change bayonet for LEICA R3 to LEICA R8 with mechanical, and, for LEICA R8, additional electronic exposure control
- **Focusing mount:** Non-rotating (complete outer body rigid)
- **Filter** (type): Built-in turret with 4 filters: NDx1 (neutral density), yellow-green YG, orange OR, and blue (conversion filter KB12)
- **Lens hood:** Built-in, rigid, scalloped
- **Finish:** Black anodized
- **Dimensions and weight**
Length from bayonet flange: 85.3mm
Front lens diameter: 83.5mm
Largest diameter: 83.5mm
Weight: approx. 710g

— LEICA SUPER-ELMARIT-R 15mm f/2.8 ASPH.

black anodized
Order No. 11 326

— Scope of Delivery

LEICA SUPER-ELMARIT-R 15mm f/2.8 ASPH. with front and rear lens caps, in a soft leather case

— Replacements

Front lens cap*
Rear lens cap
Order. No. 14162
Soft leather case*

* Replacement obtainable from the Leica Camera AG Customer Service Center or local LEICA agency, please enquire.