



## Press information

### **LEICA APO-SUMMICRON-M 50 mm f/2 ASPH.:**

### **The sharpest ever standard lens is now also available in silver anodized finish**

**Wetzlar, July 19, 2016.** As of today, the Leica APO-Summicron-M 50 mm f/2 ASPH. is now also available in a silver anodized version. Thanks to the perfect interaction of all parameters, from optical design and choice of materials to sophisticated and elaborate manufacturing and finishing, this high-performance lens is considered to be the reference lens amongst standard focal lengths. It impresses with exceptional imaging performance and sharpness that captures and resolves even the finest details.

The APO-Summicron-M 50 mm f/2 ASPH. standard lens is characterized in particular by extremely high contrast rendition from corner to corner of the image at maximum aperture and throughout the aperture range. The utilization of a floating element in its design ensures that this is also maintained to a great extent at close shooting distances. A total of eight lens elements are employed to achieve its exceptional optical performance. Three of these are made from glass types with anomalous partial dispersion to apochromatic correction and two of the others have a high refractive index. The specially formulated glass types employed are based on original developments from the former Leitz glass laboratory. The use of such glasses requires great effort and many years of experience. Thanks to the consistent advancement of optical technologies, processes have since been refined and perfected to achieve the best possible imaging qualities.

As is the case for all other Leica lenses, the Leica APO-Summicron-M 50 mm f/2 ASPH. was designed and developed by Leica optical specialists in Wetzlar and represents the

perfect combination of optical and technical expertise. As a particularly reliable product with enduring value with the quality guarantee “Made in Germany”, this lens is manufactured from the finest materials and is assembled completely by hand in an elaborate process. The combination of cutting-edge technologies and painstaking manufacturing procedures guarantees consistently excellent quality.

**Technical Data****LEICA APO-SUMMICRON-M 50 mm f/2 ASPH.****Angle of view**

(diagonal, horizontal, vertical):

47° / 40° / 27°

**Optical design**

Number of lenses/groups:

8/5

Position of front lens from the bayonet:

24.4 mm

Focusing range:

0.7 m to infinity

**Focusing**

Scale:

Combined, meters / feet

Smallest object field:

271 mm x 407 mm

Largest reproduction ratio:

1:11.3

**Aperture**

Setting/function:

Preselection with click stops at half stops

Smallest aperture value:

16

**Bayonet:**

Leica M quick-change bayonet

**Lens hood:**

Integrated, rotates to extend

**Dimensions and weight**

Length:

approx. 47 mm

Largest diameter:

approx. 53 mm

Weight:

approx. 300 g