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Press information

June 2011 / No. 15e/11

Free for release after: 21. June 2011, 19:00 CET

New: LEICA SUPER-ELMAR-M 21 mm f/3.4 ASPH. The compact wide-angle lens with improved imaging performance sets new standards

Leica Camera AG, Solms, has added a high-performance wide-angle lens to their portfolio of short focal lengths for Leica M cameras. The Leica Super-Elmar-M 21 mm f/3.4 ASPH. sets new standards of imaging performance and is characterised by its particularly compact size and its suitability for a wide range of photographic situations. Photojournalism, architecture or landscape photography – whatever the field, with the Leica Super-Elmar-M 21 mm f/3.4 ASPH. photographers now have an extremely, compact light and versatile wide-angle lens that is the ideal addition to a camera system to take on their travels.

The performance characteristics of the Leica Super-Elmar-M 21 mm f/3.4 ASPH. are reminiscent of one of the all-time favourite classics amongst M lenses, the Leica Super-Angulon-M 21 mm f/3.4. This much-praised M-lens was an integral part of the M-lens portfolio from 1963 to 1980 and made its name and reputation as an ideal tool for available light photography and photojournalism. Even today, the Super-Angulon-M 21 mm f/3.4 is extremely popular and one of the most sought-after M lenses amongst connoisseurs of fine optics. The new Leica Super-Elmar-M 21 mm f/3.4 ASPH. is a worthy successor, because, with the new Leica Super-Elmar-M 21 mm f/3.4 ASPH., we have been able to further improve the already outstanding

performance of its predecessors. The lens already reveals its excellent reproduction of details and superior contrast at maximum aperture. Particular attention must be called to the extremely effective optimisation of the flare characteristics of the Leica Super-Elmar-M 21 mm f/3.4 ASPH. that allows the capture of fascinating contre-jour images with absolute clarity and contrast.

The elaborate optical design and construction of the lens is responsible for its outstanding imaging qualities. The Leica Super-Elmar-M 21 mm f/3.4 ASPH. is constructed with eight lenses in seven groups. At the same time, the use of one lens element with two aspherical surfaces and four lenses with anomalous partial dispersion make an essential contribution to reducing aberrations to an absolute minimum.

As is the case for all Leica lenses, the Leica Super-Elmar-M 21 mm f/3.4 ASPH. was designed and developed by Leica optical specialists in Solms and represents a perfect combination of optical and technical expertise. As a particularly reliable product with enduring value and ‘Made in Germany’, every Leica lens is manufactured from only the best materials and is assembled in an elaborate process completely by hand. The combination of cutting-edge technologies and painstaking manufacturing procedures guarantees consistently excellent quality.

The Leica Super-Elmar-M 21 mm f/3.4 ASPH. is supplied complete with a high-quality, all-metal lens hood. The hood not only protects the lens effectively against reduction of contrast by extraneous light but also against damage and the accumulation of dirt on the front lens element. For this reason, it should always remain mounted whenever the lens and camera are in use.

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The Leica Super-Elmar-M 21 mm f/3.4 ASPH. is available from authorised Leica distributors.

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Technical data ASPH.	**LEICA SUPER-ELMAR-M 21 mm f/3.4**
Angle of view: (diagonal, horizontal, vertical)	For 35-mm format (24 x 36 mm): 91°, 80°, 59°, for Leica M8 models (18 x 27 mm): 74°, 64°, 46° (Focal length equivalent: approx. 28 mm)
Optical design	
Number of lenses/groups:	8 / 7
Aspherical surfaces:	2
Position of entrance pupil:	15.6 mm (to the apex of the first lens surface)
Distance settings	
Working range:	0.7 m to ∞
Scales:	Combined metre/feet graduation
Smallest object field:	706 x 1059 mm (35-mm format) 530 x 795 mm (for M8)
Largest reproduction ratio:	1:29.4

Aperture

Settings / function:	click-stops and half-stop detents
Smallest aperture:	16

Bayonet: Leica M quick-change bayonet with 6-bit bar-coding for digital Leica M models

Filter mount / lens hood: Non-rotating with inner threading for E46 screw-in filters,

outer threading with stop for mounting the lens hood (supplied with the lens)

Dimensions and weight

Length to bayonet flange:	approx. 43/55 mm (with/without lens hood)
Largest diameter:	approx. 53 mm
Weight:	approx. 279 g
Street price	2250,- €