



LEICA THAMBAR-M 90 mm f/2.2

Technical Data.



Illustration 1:1

Lens	Leica Thambar-M 90 mm f/2.2.
Order no.	11 697 (black paint finished)
Compatible cameras	All Leica M cameras ^{1,3}
Angle of view (diagonal, horizontal, vertical)	Approx. 27°/23°/15° ¹ (for 35 mm: 24 x 36 mm)
Optical design	Number of lenses/groups: 4/3 Position of entrance pupil (at infinity): 49.6 mm (in the direction of light incidence behind the bayonet fitting contact area)
Focusing	Focusing range: 1 m to ∞ Scale: Meter divisions Smallest object field (for 35 mm: 24 x 36 mm) ¹ : approx. 215 x 322 mm Biggest scale: 1:9.0
Aperture	Setting/Function: No detent positions Setting range: 2.2-2.6 or 9-25 (WHITE) -> is to use without the soft focus filter/ 2.3-6.3 (RED) -> to use with the soft focus filter
Bayonett fitting	Leica M quick-change bayonet with 6 bit lens identification bar code for digital M models ²
Filter mount/Lens hood	Internal thread for screw-on filter E49, center spot filter and push-on lens hood in the scope of delivery
Viewfinder	Camera viewfinder ³
Dimensions and weight	Length to bayonet flange: approx. 90/110 mm (without/with lens hood) Largest diameter: approx. 57 mm (without lens hood) Weight: approx. 500 g

¹ Use with the Leica M8 models is not recommended since the optical properties do not suit for smaller formats than 35 mm (24 x 36 mm).

² The 6 bit lens identification bar code (8) situated on the bayonet flange enables the digital Leica M models to identify the attached type of lens. This information is utilized by the camera to optimize exposure and image data.

³ The Leica M1 does not have a 90 mm bright-line frame.



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LENS SHAPE

