



LEICA **SUMMICRON-SL** 35 f/2 ASPH.

Technical Data.



Lens	Leica Summicron-SL 35 f/2 ASPH.
Order Number	
Black, anodized	11 192
View angle (diagonal/horizontal/vertical)	
Full-frame (24 x 36 mm)	63.0°/53.6°/38.3°
Lens system	
Number of lenses/assemblies	11/9
Number of aspherical surfaces	6
Position of the entrance pupil before the bayonet	61.8 mm
Focus range	0.24 m to ∞
Focusing	
Setting	Choose automatic (Autofocus) or manual mode on the camera
Smallest object field	Full-frame: 110 x 165 mm
Largest scale	1:4.6
Diaphragm	
Setting/Function	Electronically controlled aperture, setting on the camera, half or third values can also be set
Smallest aperture	22
Firmware	Lens firmware can be updated via the camera
Coating	Hydrophobe Aqua-Dura® coating on external lenses
Material	Magnesium and aluminum full-metal housing, black anodized, dust and splash water protected
Bayonet	Leica L bayonet fitting with contact strip
Filter thread	E67
Lens hood	Male bayonet for lens hood (included in the scope of delivery)
Dimensions	
Length	Approx. 83 mm/124 mm (without/with lens hood)
Diameter	Approx. 74,5 mm/82 mm (without/with lens hood)
Weight	Approx. 400 g/444 g (without/with lens hood)

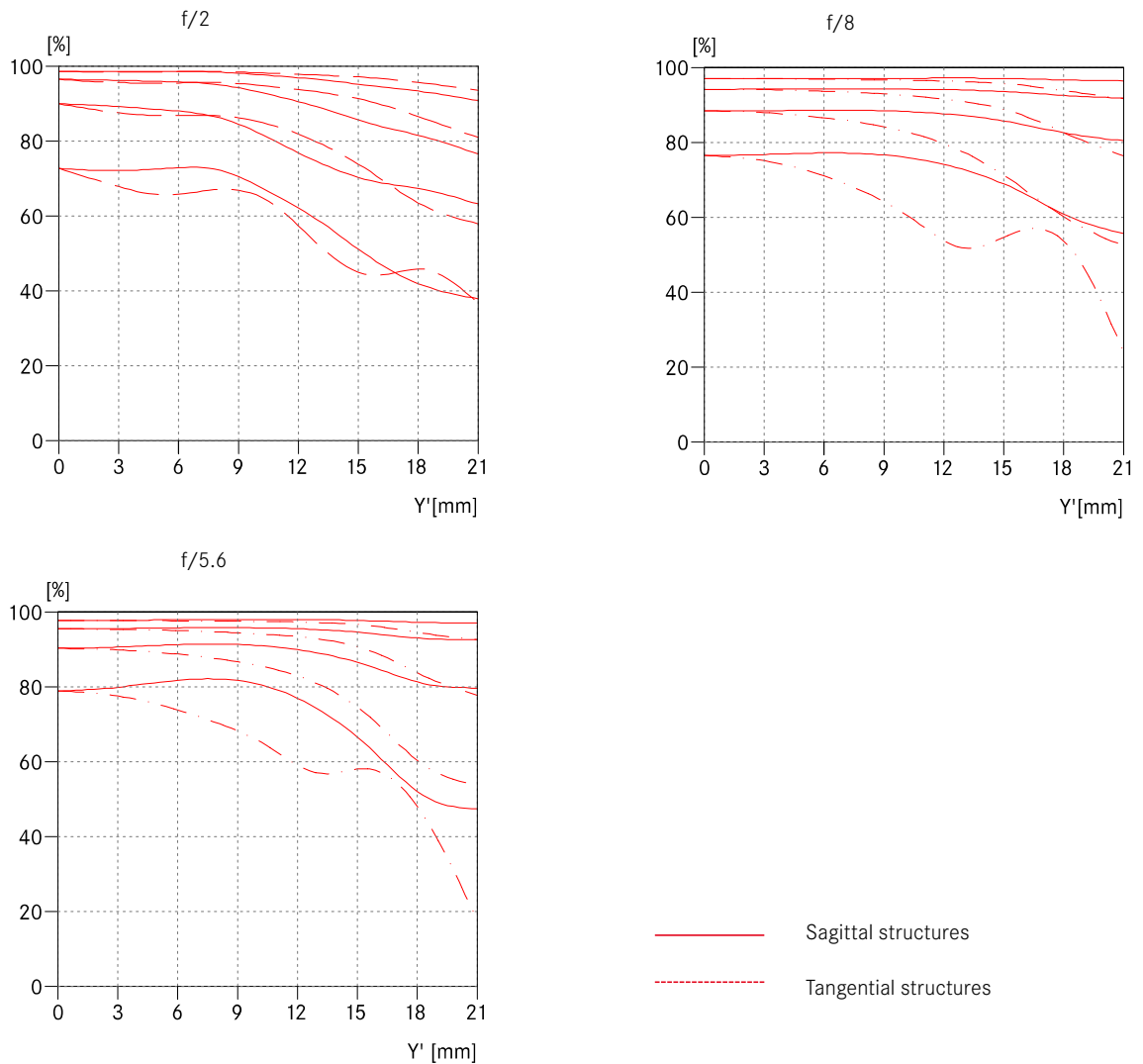


A schematic diagram of a 10-element optical system, enclosed in a black frame. The elements are arranged vertically. From top to bottom: 1. A thin, flat, white rectangular element. 2. A white element with a concave front surface and a convex back surface. 3. A white element with a convex front surface and a concave back surface. 4. A white element with a convex front surface and a flat back surface. 5. A white element with a concave front surface and a convex back surface. 6. A white element with a convex front surface and a concave back surface. 7. A white element with a concave front surface and a flat back surface. 8. A white element with a convex front surface and a concave back surface. 9. A white element with a concave front surface and a convex back surface. 10. A white element with a convex front surface and a flat back surface. Three elements are shaded gray: the 4th, 7th, and 9th elements from the top. Three labels 'ASP.' are positioned to the left of the frame, with lines pointing to the 4th, 7th, and 9th elements, indicating they are aspherical.



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MTF DIAGRAMS



MTF CURVES

The MTF is shown in each case for the max. aperture as well as for 5.6 and 8 for long focus distances (infinity). The contrast is plotted in percentages for 5, 10, 20, 40 Lp/mm over the height of the format for tangential (dashed line) and sagittal structures (continuous line) for white light. The plots for 5 and 10 Lp/mm offer an impression of the contrast behavior for coarser object structures, while the 20 and 40 Lp/mm plots document the resolution capability for fine and finest object structures.