



LEICA APO-SUMMICRON-SL 28 f/2 ASPH.

Technical Data.

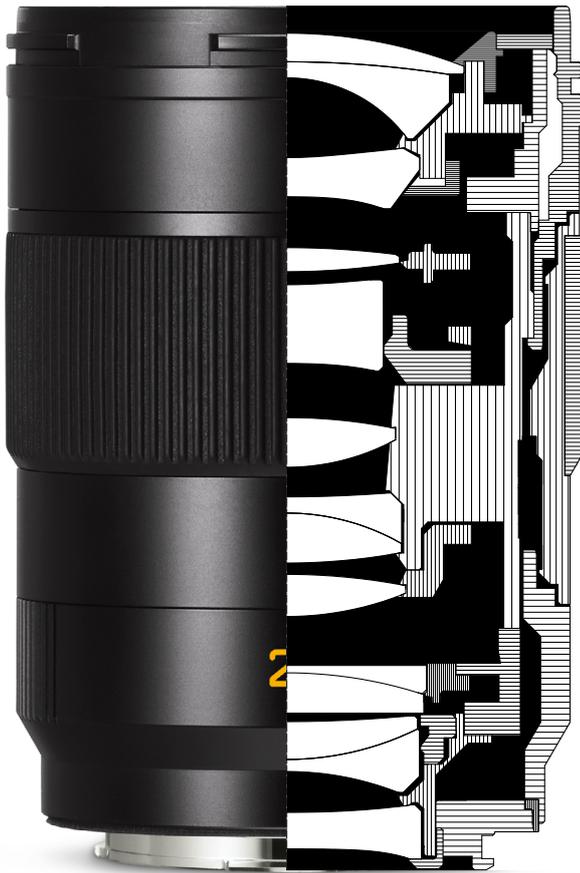


Lens	Leica APO-Summicron-SL 28 f/2 ASPH.
Order Number	
Black, anodized	11 183
View angle (diagonal/horizontal/vertical)	
Full-frame (24 × 36 mm)	75.4°/65.5°/46.4°
Lens system	
Number of lenses/assemblies	13/10
Number of aspherical surfaces	6
Position of the entrance pupil before the bayonet	74.2 mm
Focus range	0.24 m to infinity
Focusing	
Setting	Choose automatic (Autofocus) or manual mode on the camera
Smallest object field	Full-frame: 120 × 180 mm, M8: 319 × 478 mm
Largest scale	1:5.0
Aperture	
Setting/Function	Electronically controlled aperture, setting on the camera, half or third values can also be set
Smallest aperture	22
Bayonet	Leica L bayonet fitting with contact strip
Filter thread	E67
Lens hood	Screw-on (included in the scope of delivery)
Dimensions	
Length	approx. 102/133 mm (without/with lens hood)
Diameter	approx. 73/105 mm (without/with lens hood)
Weight	approx. 700/750 g (without/with lens hood)

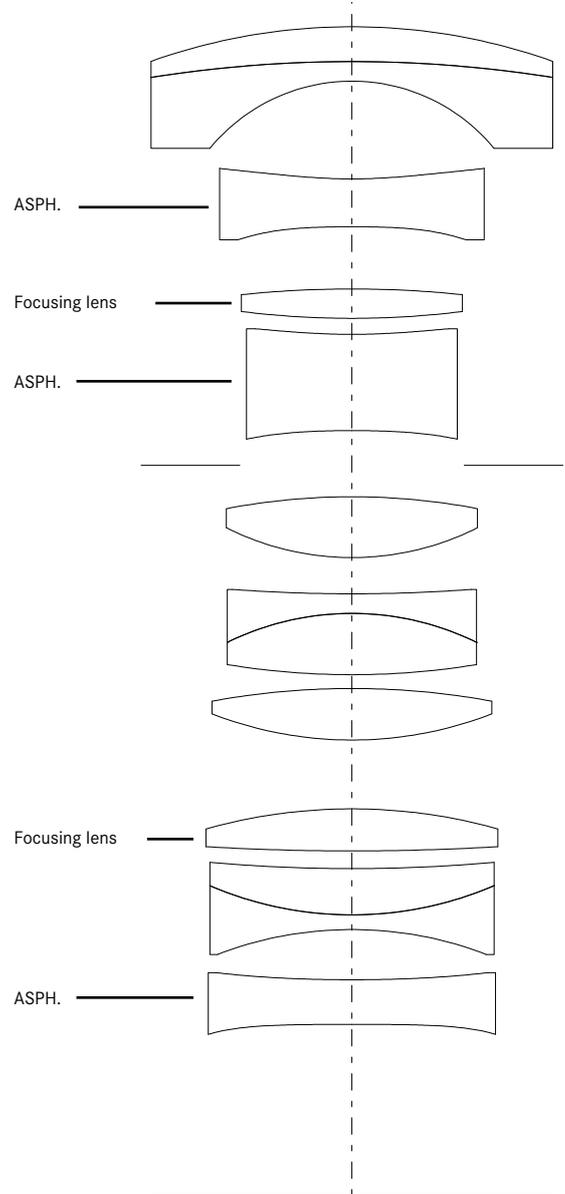


LEICA APO-SUMMICRON-SL 28 f/2 ASPH.

TECHNICAL DRAWING



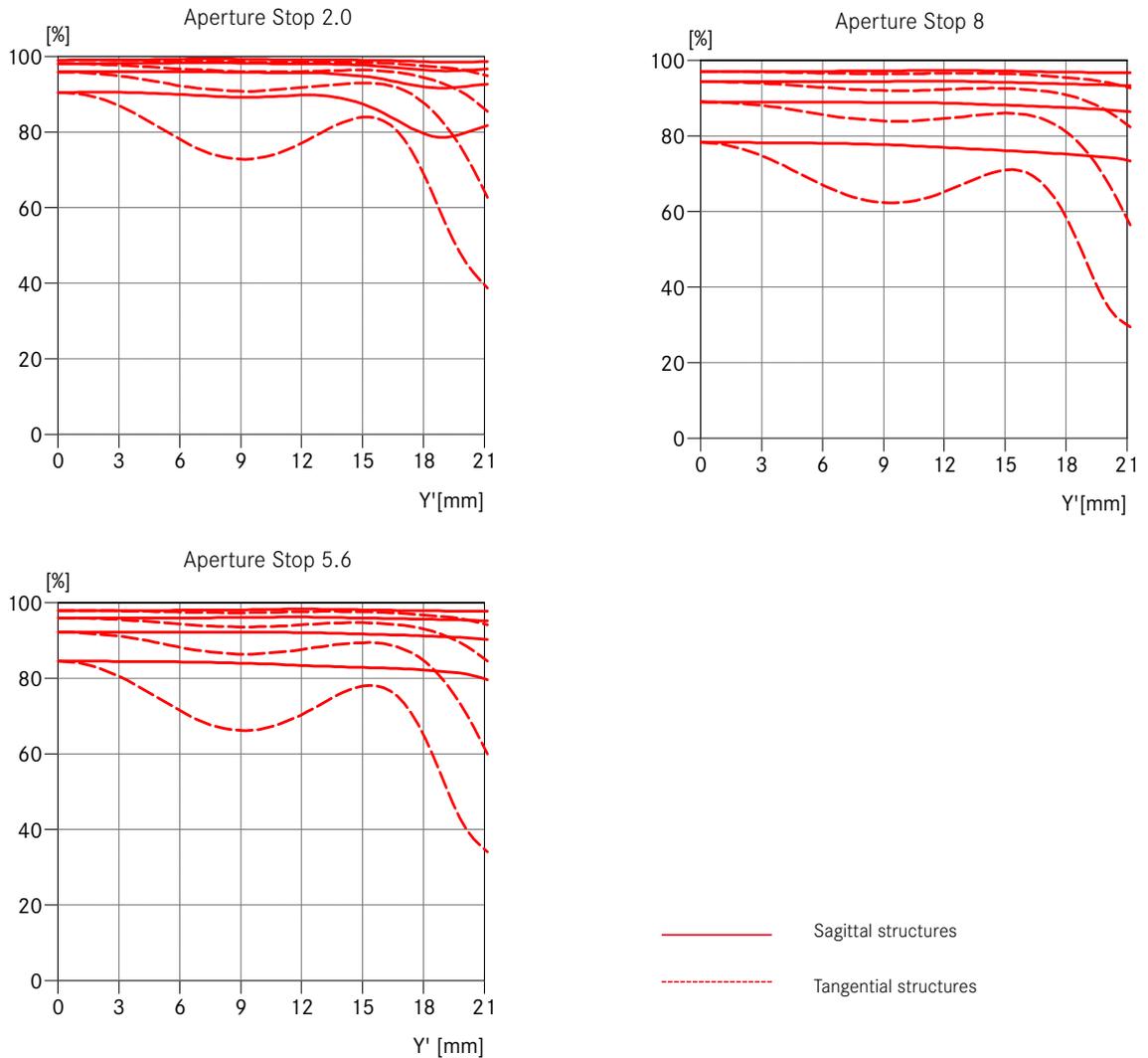
LENS CUT





LEICA APO-SUMMICRON-SL 28 f/2 ASPH.

MTF DIAGRAMS



MTF CURVES

The MTF is shown in each case for the max. aperture of 2.0, as well as for 5.6 and 8 for long focus distances (infinity). The contrast is plotted in percentages for 5, 10, 20, 40 lines/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 lines/mm offer an impression of the contrast behavior for coarser object structures, while the 20 and 40 lines/mm plots document the resolution capability for fine and finest object structures.