



# LEICA **SUMMILUX-SL** 50 f/1.4 ASPH.

Technical Data.

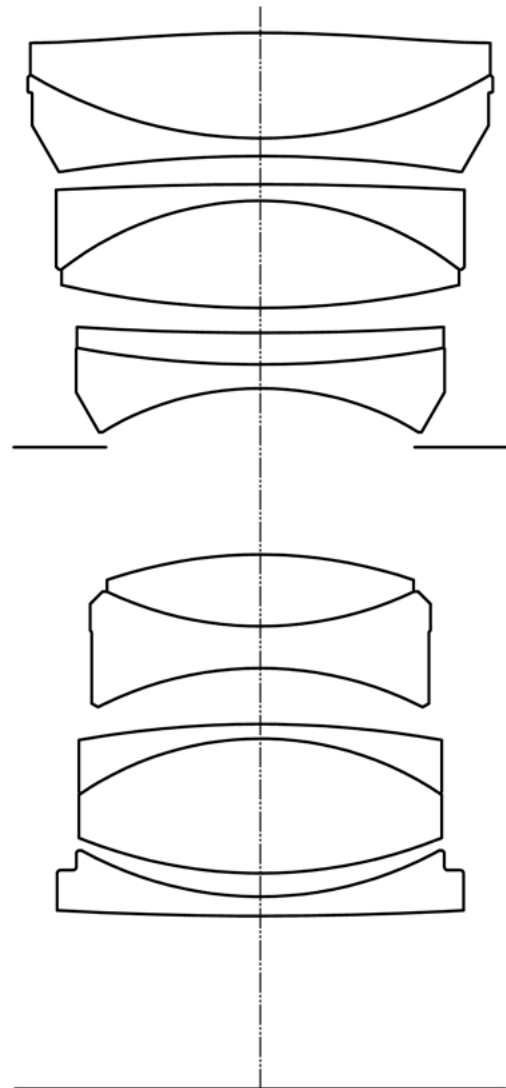
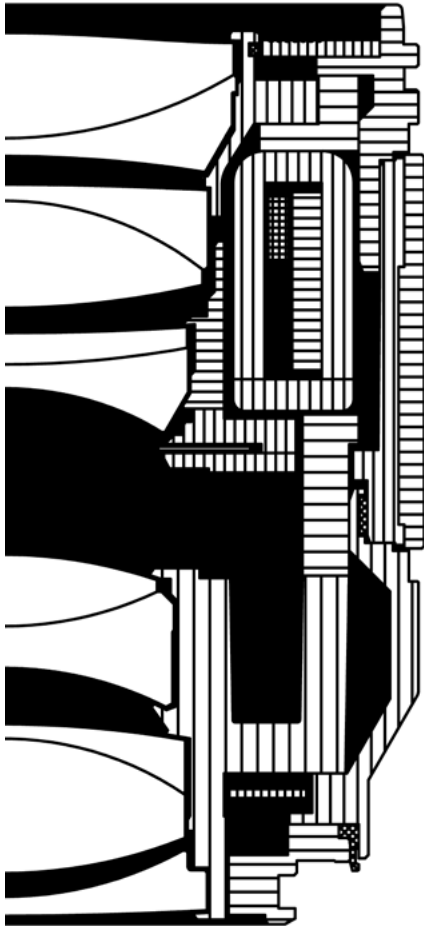


Lens	Leica Summilux-SL 1:1.4/50 ASPH.
Order Number	11195
Black, anodized	
View angle (diagonal/horizontal/vertical)	46.4°/39.2°/26.7°
Full-frame (24 x 36 mm)	
Lens system	
Number of lenses/groups	11/6
Number of aspherical surfaces	2
Position of the entrance pupil before the bayonet	42.7 mm
Focus range	0.50 m to ∞
Focusing	
Setting	Choose automatic (Autofocus) or manual mode on the camera
Smallest object field	Full-frame: 274 x 183 mm
Largest scale	1:7.6
Aperture	
Setting/Function	Electronically controlled aperture, setting on the camera, half or third values can also be set
Smallest aperture	16
Number of blades	11
Autofocus drive	Precision Voice-Coil drive for fast and silent autofocus movements
Firmware	Lens firmware can be updated via the camera
Coating	Hydrophobic Aqua-Dura® coating on external lenses
Material	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. 75.5 mm/116.3 mm (without/with lens hood)
Diameter	Approx. 74 mm/82 mm (without/with lens hood)
Weight	Approx. 584 g/637 g (without/with lens hood)



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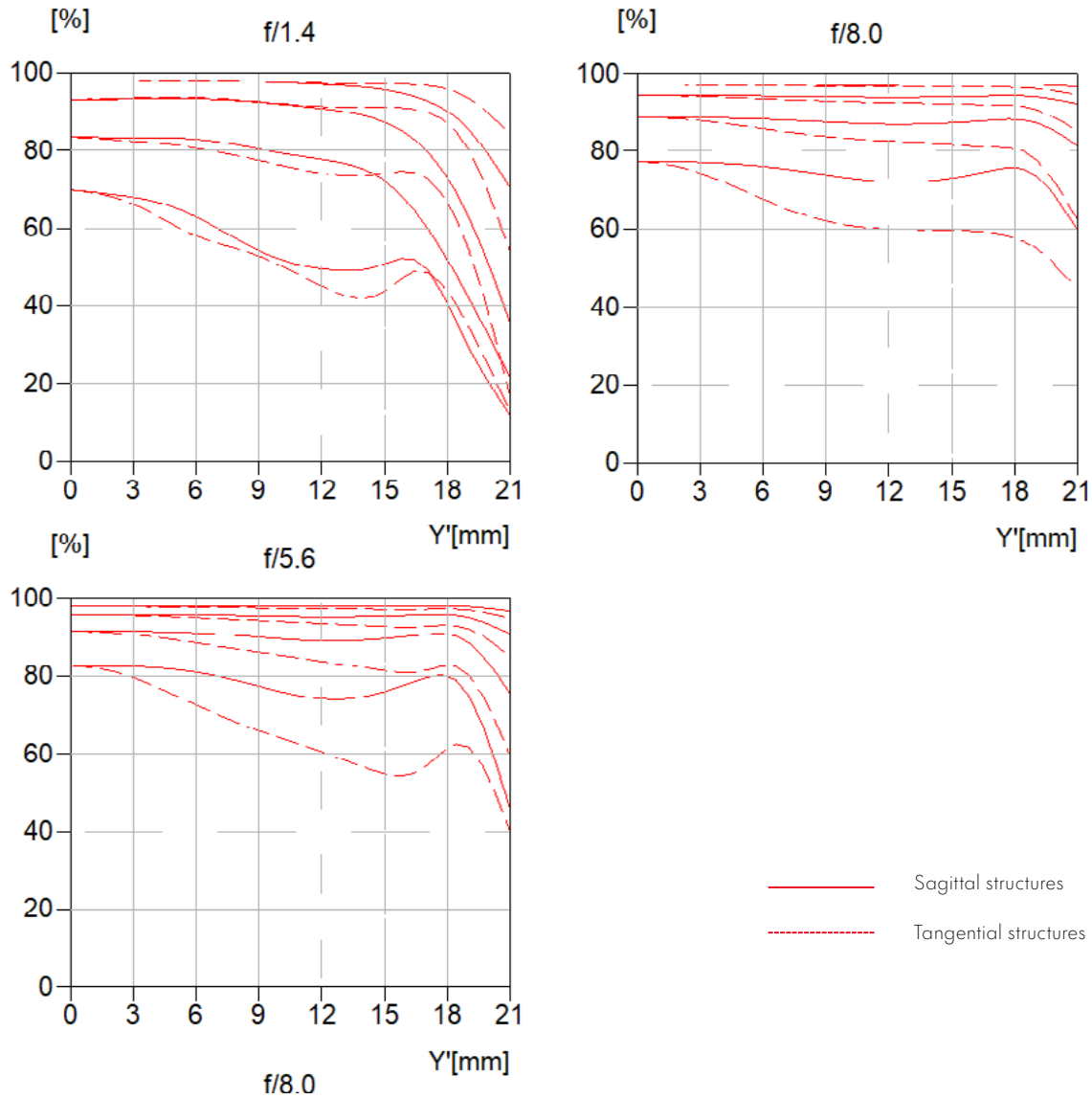
## LENS CUT





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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.