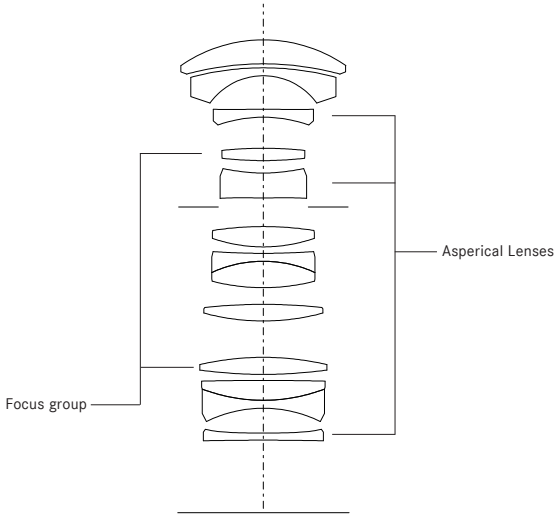
# APO-SUMMICRON-SL 35 f/2 ASPH.

## Technical Data.

ENGINEERING DRAWING

Illustrations 1:2

LENS SHAPE




| | |
|---|---|
| **Lens** | APO-Summicron-SL 35 f/2 ASPH. |
| **Order no.** | 11 184 |
| **Field angle** | |
| (diagonal, horizontal, vertical) | 63.4°/54.4°/37.9° |
| **Optical design** | |
| Number of lenses/groups | 13/11 |
| Number of aspherical lenses | 3 |
| Entrance pupil position before bayonet level | 66.4mm at ∞ |
| **Distance setting** | |
| Working range | ∞ to 0.27 m |
| Smallest object field | 120 x 180 mm |
| Largest reproduction ratio | 1:5 |
| **Aperture** | |
| Setting/function | Electronically controlled aperture, set using turn/push wheel on camera, including half and third values |
| Aperture setting range | 2 - 22 |
| Lowest value | 22 |
| **Bayonet/sensor format** | L-Mount, full-frame 35 mm format |
| **Filter mount** | E67 |
| **Dimensions and weight** | |
| Length to bayonet mount | 102 mm |
| Largest diameter | 73 mm |
| Weight | 750 g |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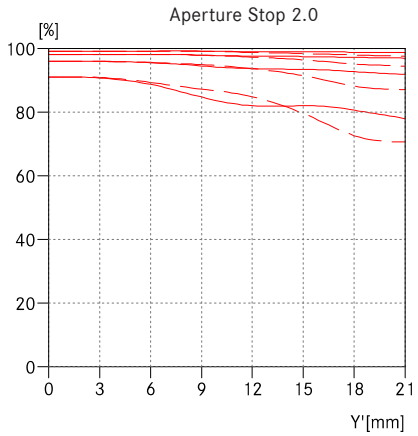
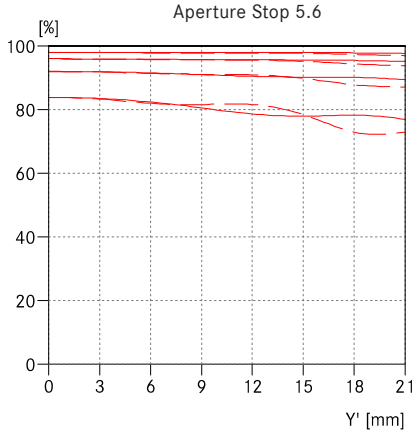
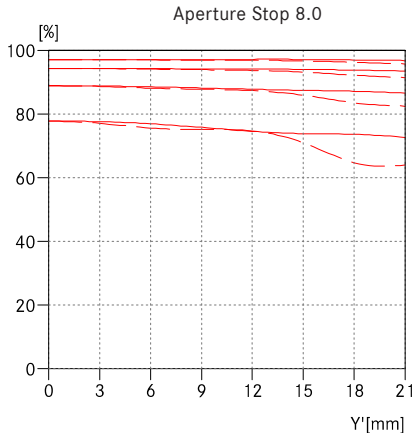
MTF DIAGRAMS

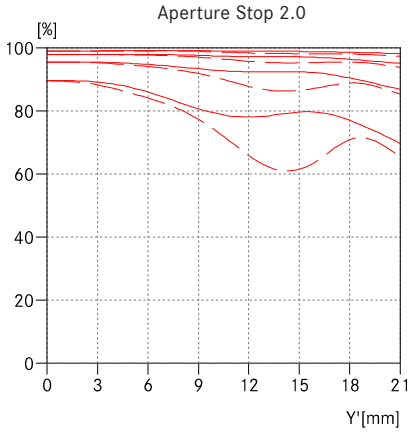
**Infinity (∞)**

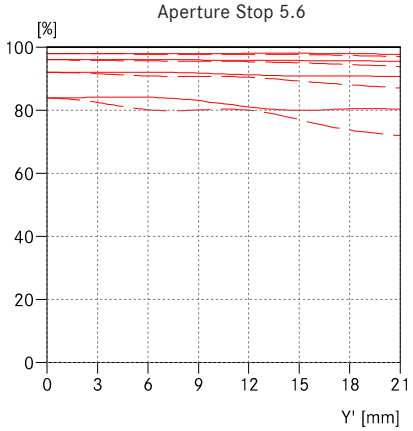


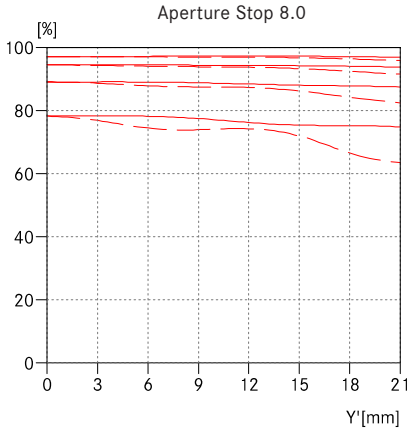




**Close distance (0.5 m)**




Sagittal structures

Tangential structures

MTF GRAPHS The MTF is shown in each case f or the maximum aperture and the aperture values 5.6 and 8.0 for long focusing distances (infinity). The contrast is plotted for 5, 10, 20, 40 lines/mm for 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 provide an impression of the contrast performance for coarser object structures and the 20 and 40 lines/mm plots document the resolving power for fine and finest object structures.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