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Lenses for Enlarging, CCD Photos and Video

Apo-Rodagon-N

The apochromatically corrected high-performance lenses of the Rodenstock Apo-Rodagon-N series guarantee perfect results which will satisfy even the highest demands.

The correction of these excellent lenses with up to **8 elements** was taken to the absolute limits and so ensures the full elimination of irritating visible color fringes on high-contrast structures. All monochromatic imaging errors have also been greatly reduced to give this lens type its unsurpassed image reproduction performance.

The advantages are clearly visible in both color and black and white enlargements. The Apo-Rodagon-N is therefore the amateur's and professional's first choice whenever the very highest reproduction quality is required.

The optimal working aperture is reached by stopping down by only 1 to 2 stops.

For the use of these lenses as taking lenses for close up and macro photography with 35 mm SLR cameras as well as for use as high resolution taking lenses with CCD still and video cameras, the same applies as to the use of the Rodagon; however, the definition and the brilliance is still a little bit better.

All Apo-Rodagon-N models have a click-stop diaphragm and an illuminated f-stop display. They also offer a pre-set aperture and allow the click-stop to be disengaged for stepless control which is helpful for the use of analysers or timers with a pre-set exposure time mode.

Apo-Rodagon-N	Recommended scale range	Maximum film format
50 mm f/2.8	2× - 15×	24×36 mm
80 mm f/4	2× - 15×	6×7 cm
105 mm f/4	2× - 15×	6×9 cm



Data sheets

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Apo-Rodagon-N: the unbeatable lens for the highest demands for definition and brilliance

Apo-Rodagon-N

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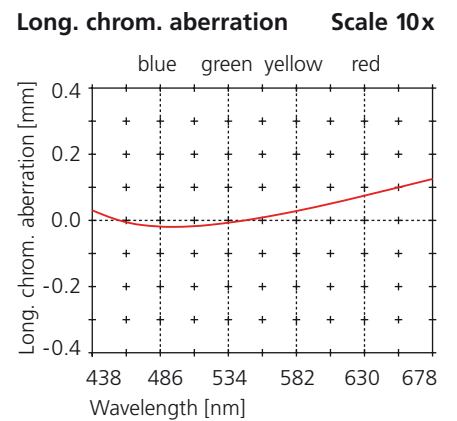
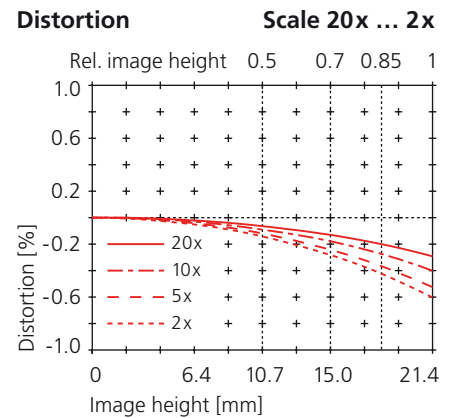
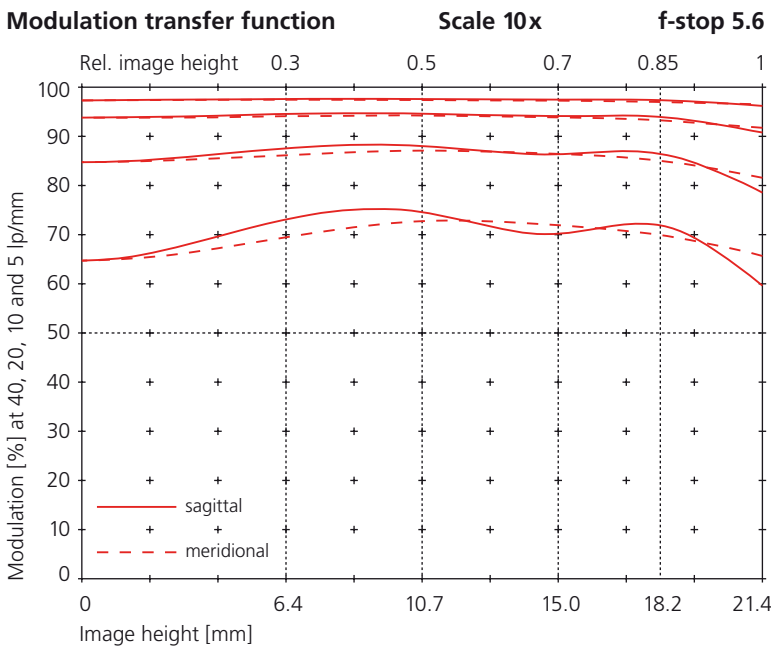
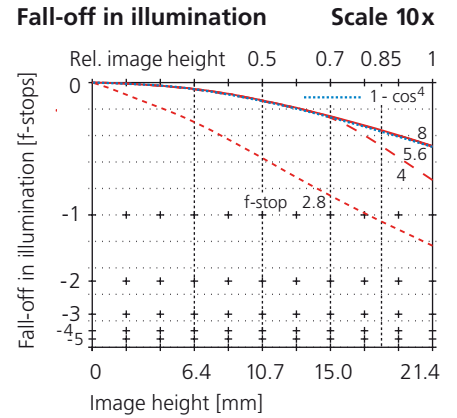
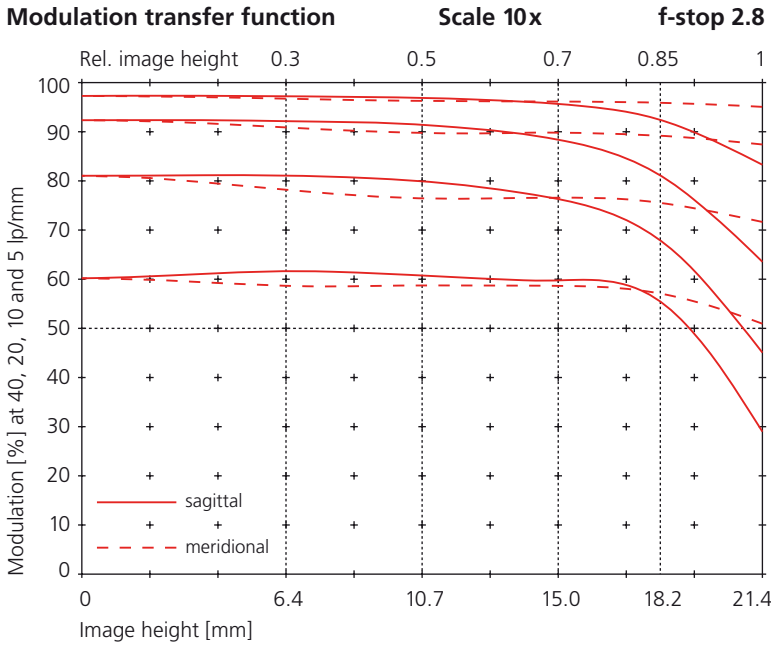
Technical data

Lens	Maximum film format	Scale range	Smallest aperture	Pre-selection aperture	Click-stop disable	Illuminated f-stop display	Filter thread	Flange focal length ¹⁾	Overall length	Max. diameter	Screw thread	Flange to rear edge
50 mm f/2.8	24×36 mm	2-20×	16	•	•	•	M 40.5×0.5	46.0 mm	46.5 mm	50.0 mm	M 39×1/26"	15.7 mm
80 mm f/4	6×7 cm	2-15×	22	•	•	•	M 40.5×0.5	77.0 mm	43.0 mm	50.0 mm	M 39×1/26"	12.2 mm
105 mm f/4	6×9 cm	2-15×	22	•	•	•	M 40.5×0.5	99.1 mm	54.3 mm	50.0 mm	M 39×1/26"	18.0 mm

¹⁾ Flange focal length at scale ∞

Apo-Rodagon-N 50 mm f/2.8

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All spatial frequencies [line pairs/mm] and image heights [mm] are related to the film side, all scales are related to the print side