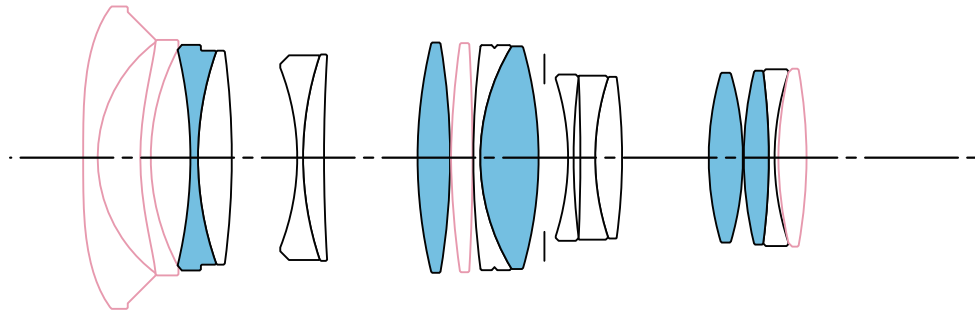


SIGMA 18-35mm T2 Technical Specifications

Lens construction



17 Elements in 12 Groups

■:SLD (Special Low Dispersion) Glass □:Aspherical Lens

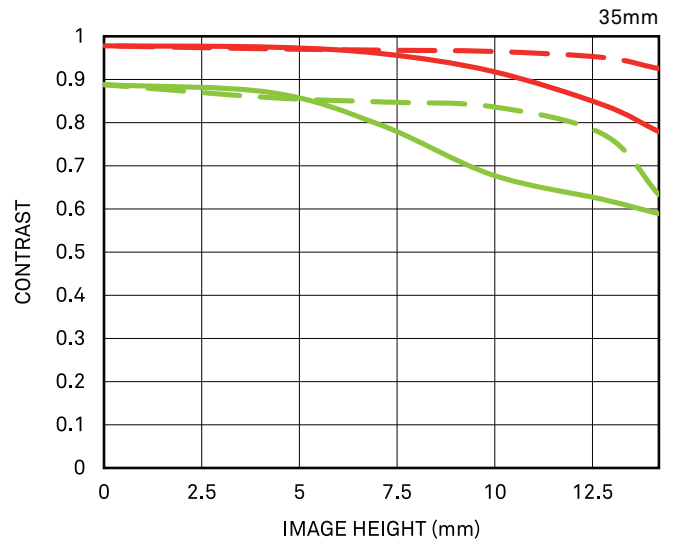
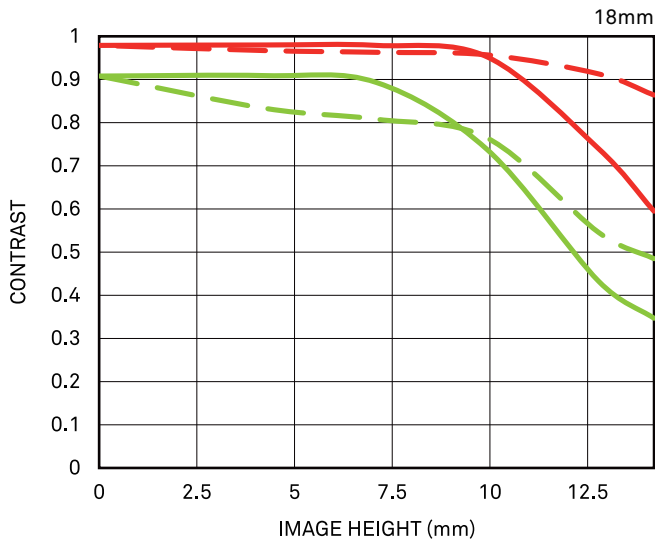
Specifications

High Speed Zoom Line		18-35mm T2
Focal Length		18-35mm
Aperture		T2.0 to T16
Close Focus ¹		0.28m / 11"
Image Coverage		S35 Digital Φ 28.4mm
Front diameter		95mm
Filter Size		82mm
Length	EF mount ²	129.5mm
	E-mount ³	155.5mm
Weight ⁴	EF mount	1445g
	E-mount	1505g
FF ⁵		-
S35 ⁶		76.1° — 43.8°
APS-C ⁷		76.5° — 44.2°

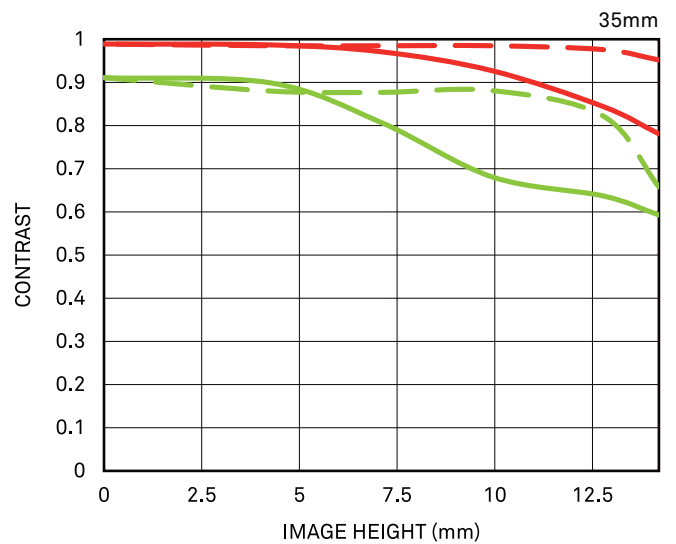
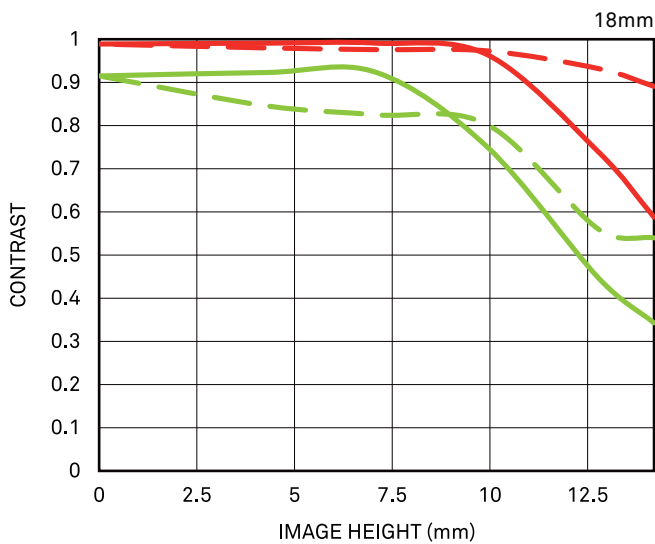
¹ Close focus distance is measured from the image plane ² Front to EF mount flange ³ Front to E-mount flange ⁴ Without lens support foot ⁵ Horizontal angle of view for a full-frame camera aperture (aspect ratio 1:1.5, dimensions 36 mm x 24 mm / 1.42" x 0.94") ⁶ Horizontal angle of view for a super 35 digital cinema camera aperture (aspect ratio 1:1.8, dimensions 24.6 mm x 13.8 mm / 0.97" x 0.54") ⁷ Horizontal angle of view for an APS-C camera aperture (aspect ratio 1:1.5, dimensions 23.7 mm x 15.7 mm / 0.93" x 0.62") The specifications are subject to change without a notice.

MTF chart

Diffraction MTF



Geometrical MTF



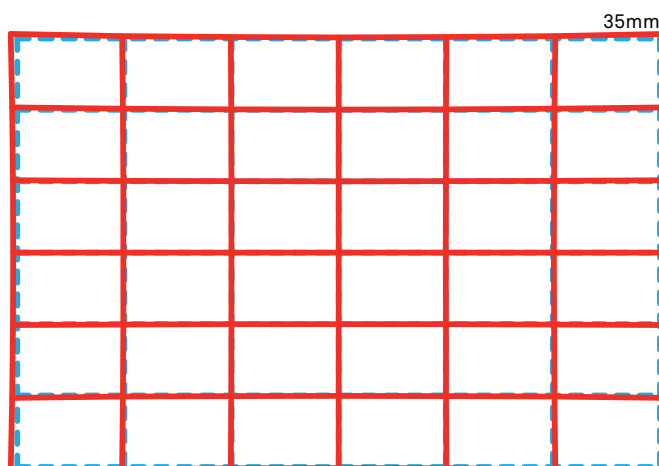
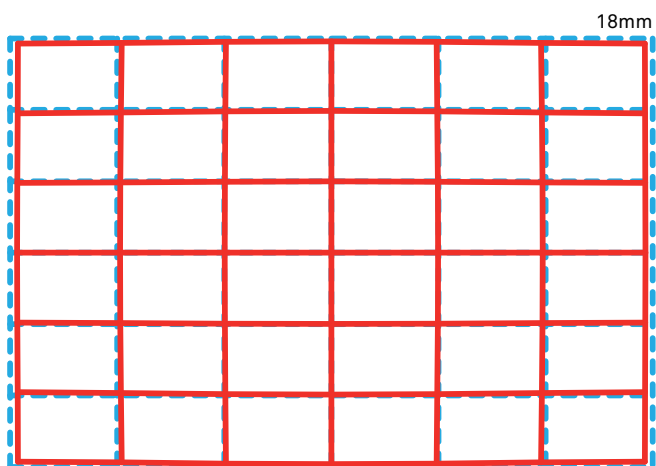
Spatial frequency	S	M
10 lp / mm		
30 lp / mm		

S : Sagittal Line
M : Meridional Line

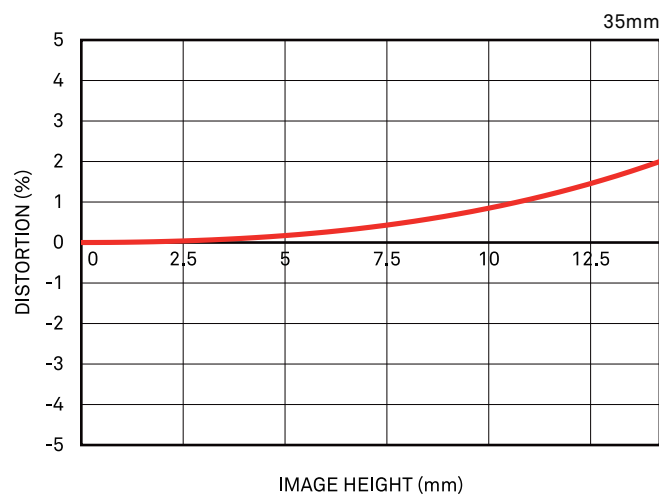
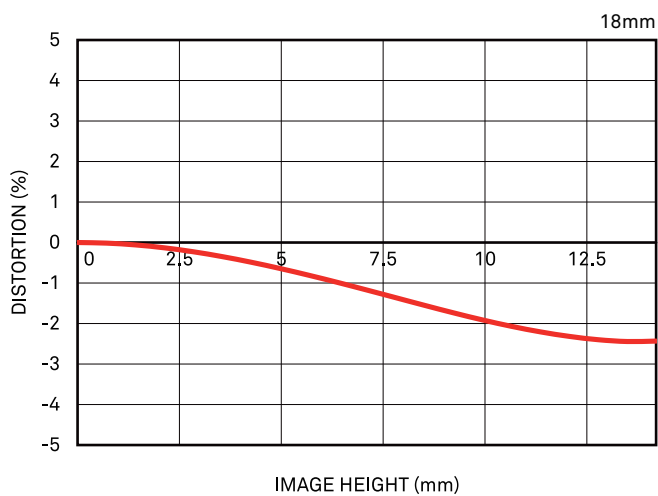
The MTF chart gives the result at the wide-open aperture.

Distortion

Effective distortion



Relative distortion



Vignetting

