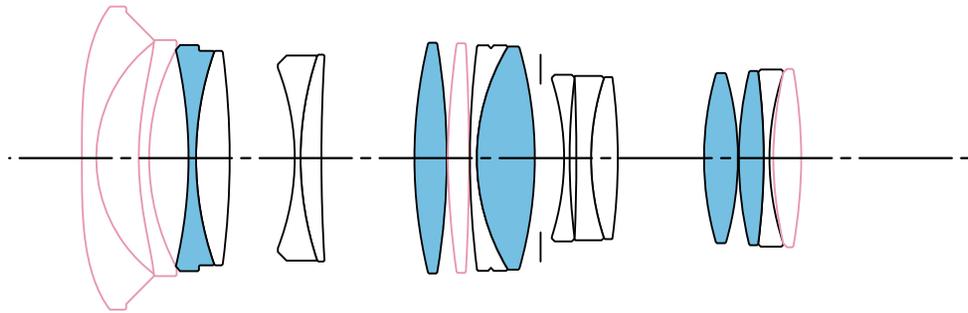


SIGMA

SIGMA 18-35mm T2 Technical Specifications

Lens construction



17 Elements in 12 Groups

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

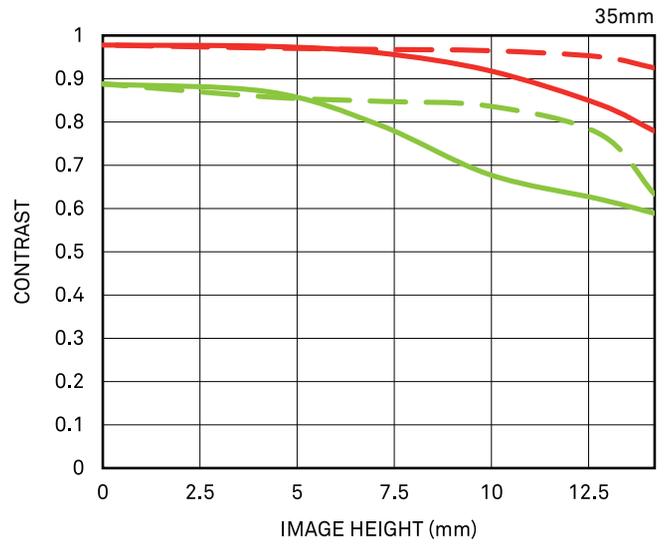
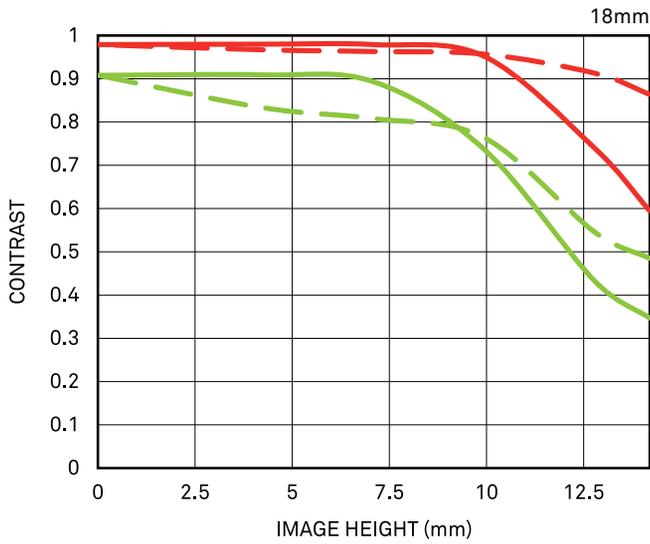
Specifications

High Speed Zoom Line		18-35mm T2
Focal Length		18-35mm
Aperture(T)		T2.0 to T16
Number of Diaphragm Blades		9 (Rounded diaphragm)
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
	PL mount ⁴	121.5mm
Weight ⁵	EF mount	1445g
	E-mount	1510g
	PL mount	1395g
FF ⁶		-
S35 ⁷		68.7° — 38.7°
APS-C ⁸		66.7° — 37.4°

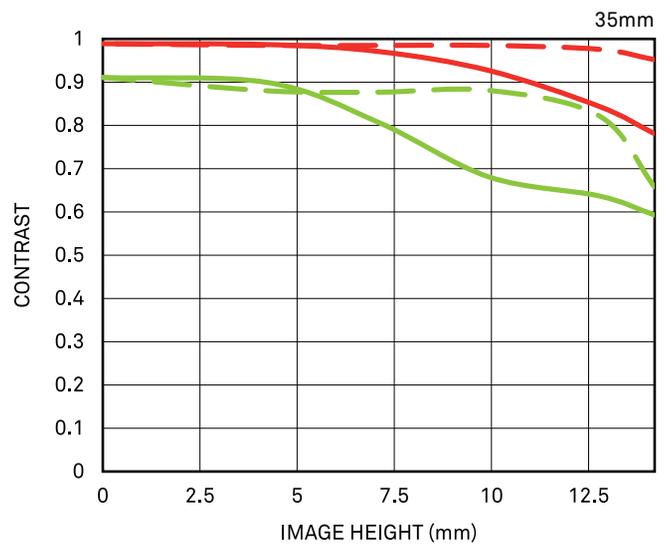
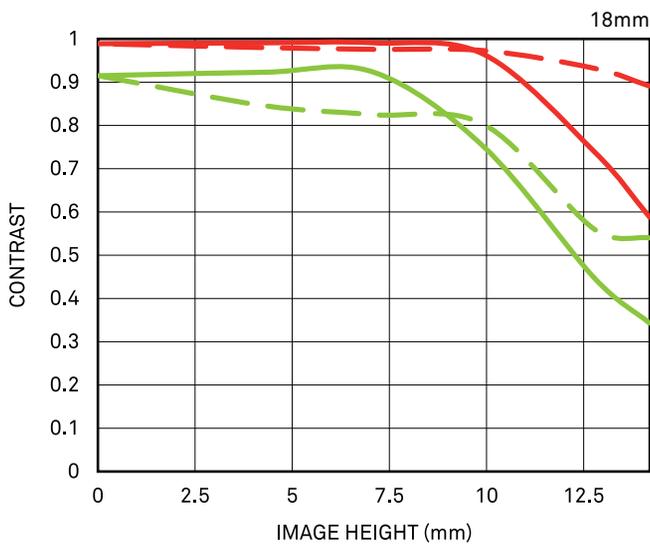
¹ Close focus distance is measured from the image plane ² Front to EF mount flange ³ Front to E-mount flange ⁴ Front to PL mount flange ⁵ Without lens support foot ⁶ Horizontal angle of view for a full-frame camera aperture (aspect ratio 1:1.5, dimensions 36mm×24mm / 1.42"×0.94") ⁷ Horizontal angle of view for a super 35 digital cinema camera aperture (aspect ratio 1:1.8, dimensions 24.6mm×13.8mm / 0.97"×0.54") ⁸ Horizontal angle of view for an APS-C camera aperture (aspect ratio 1:1.5, dimensions 23.7mm×15.7mm / 0.93"×0.62") The specifications are subject to change without a notice.

MTF chart

Diffraction MTF



Geometrical MTF



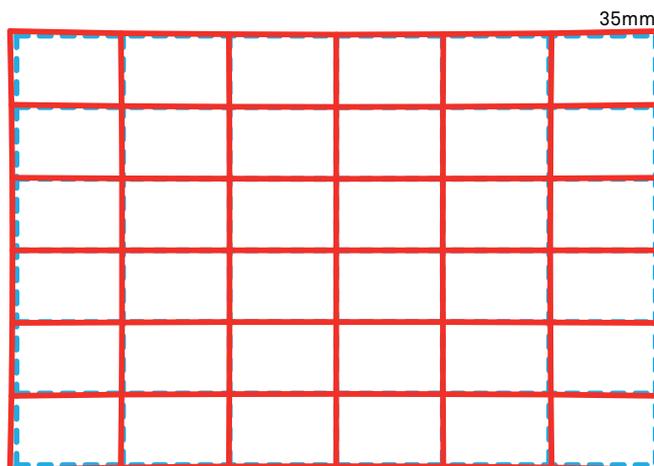
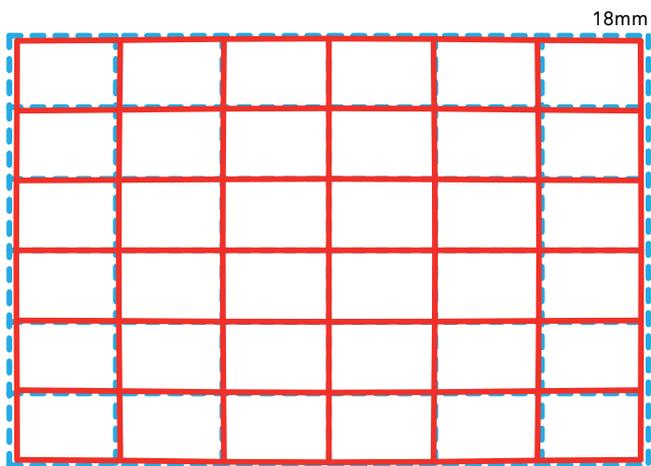
Spatial frequency	S	M
10 lp / mm		
30 lp / mm		

S : Sagittal Line
M : Meridional Line

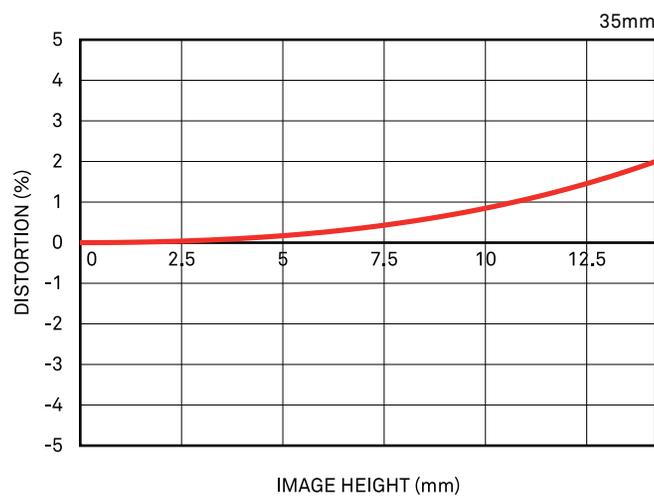
The MTF chart gives the result at the wide-open aperture.

Distortion

Effective distortion



Relative distortion



Vignetting

