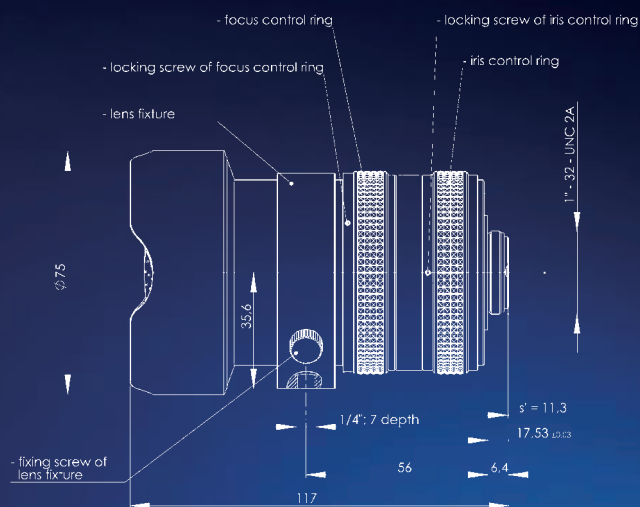


HIGH-RESOLUTION C-MOUNT LENS

Stilar[®] 2.8/8

- Super-wide-angle lens with high, regular resolution and excellent color correction over the entire visual spectrum
- Especially designed for 1.2" sensor C-mount cameras
- Manually adjustable aperture
- High relative illumination
- Deviation from telecentricity approx. 5°
- Focusing range adjustable from 0.10 m to ∞
- Versatility, suitable for machine vision applications, photos in measurement rooms and surveillance cameras



STILAR 2.8/8 Lens

Focal length (at 546 nm)	8.5 mm
Back focal length (S'm)	11.3 mm
Relative aperture	F/2.8
Image circle diameter	21.43 mm
Object angle (2sigma)	116°
Total thickness of lens	112.3 mm
Front edge to first vertex	4.0 mm
Back edge to k vertex	0.2 mm
Lens length	117 mm
Lens diameter	75 mm
Adapter rings	C-mount, various adapter rings available
Flange focal length for ∞	17.53 mm
Insertion depth	6.4 mm
Focusing control	manual, lockable
Focusing range	0.10 m to ∞
Focusing angle of rotation	45°
Aperture	manual, lockable
Aperture range	2.8 to 11
Aperture angle of rotation	36.5°
Mass	752 g



FOR 1.2" SENSOR CAMERAS

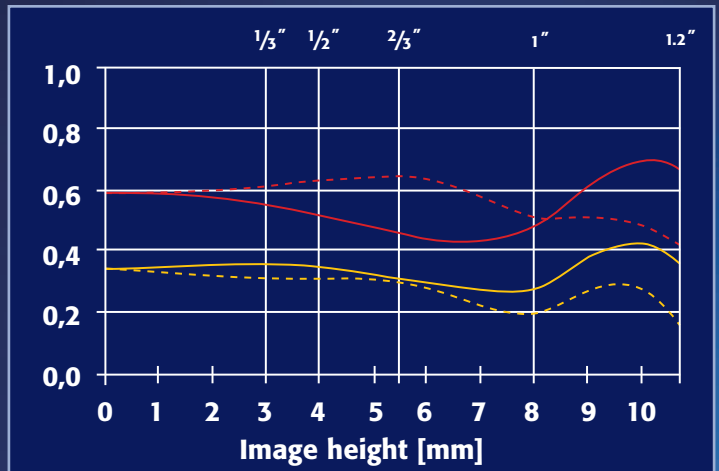
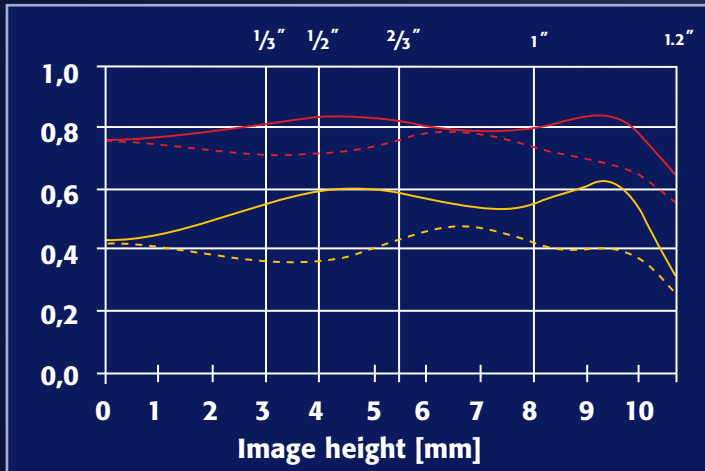
Performance Data for Stilar® 2.8/8 Lens

Modulation

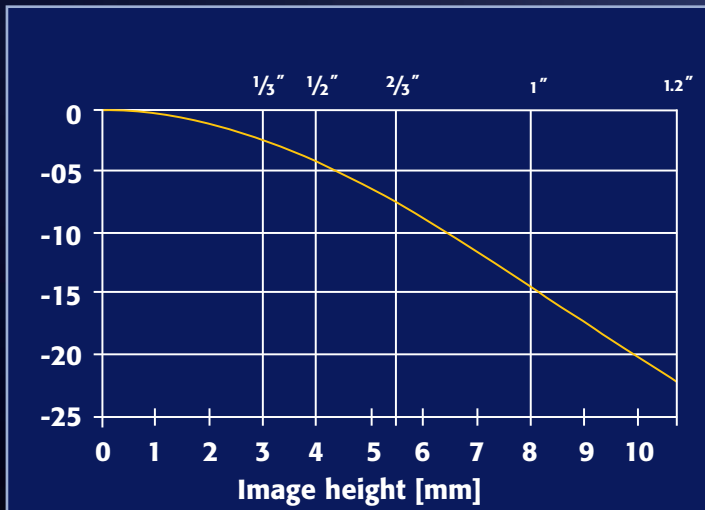
F/4.0

F/2.8

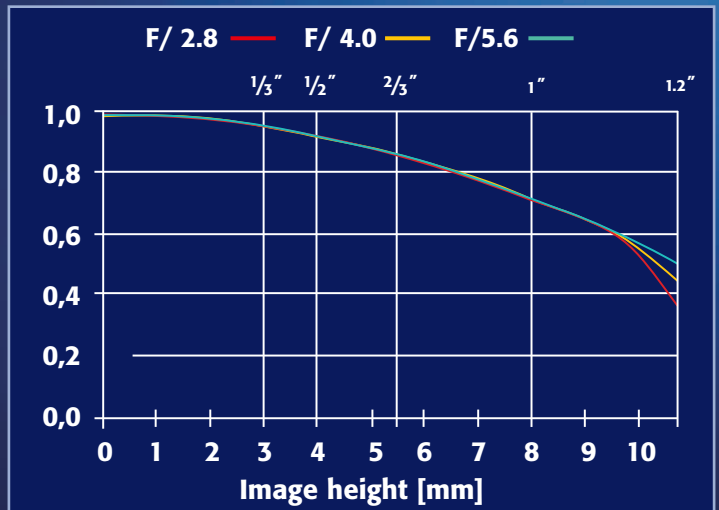
Spatial frequency 25 and 50 lp/mm ; $s = \infty$; radial: — tangential: (at 400-750 nm)



Distortion / %



Rel. illuminance



C799 6/2008