

XCD 4/21mm

The XCD 21mm is an ultra wide-angle lens for the X System. Its extremely short focal length provides a 17mm full frame equivalent lens, making it perfect for landscape and architecture photography. The lens features a 32 cm close distance setting (1:10 image scale) and an aperture range between 4 and 32. The XCD 21mm features full automatic focusing as well as instant manual focus.

All XCD lenses contain a lens shutter delivering shutter speeds from 60 minutes to 1/2000 second. Synchronizing with flash at all speeds allows full creative freedom when mixing flash and daylight. The lens shutter also generates very little vibration providing hand-held shots with perfect sharpness.

GENERAL LENS DATA

Focal length	21,8 mm
Equivalent Focal length (24x36)	17 mm
Aperture range	4 - 32
Angle of view diag/hor/vert	105°/92°/75°
Length/diameter	106 mm/83 mm
Weight (excl. covers and lens shade)	600 g
Filter diameter	77 mm
Product number	CRHB.00000255.01

CLOSE FOCUS RANGE DATA

Minimum distance object to image plane	0.32 m
Maximum image scale	1:10
Corresponding area of coverage	44 x 33 cm
Corresponding exposure reduction	0 f-stops

COMPATIBILITY

- Hasselblad X1D cameras



LENS DESIGN

13 elements in 9 groups
2 aspherical elements

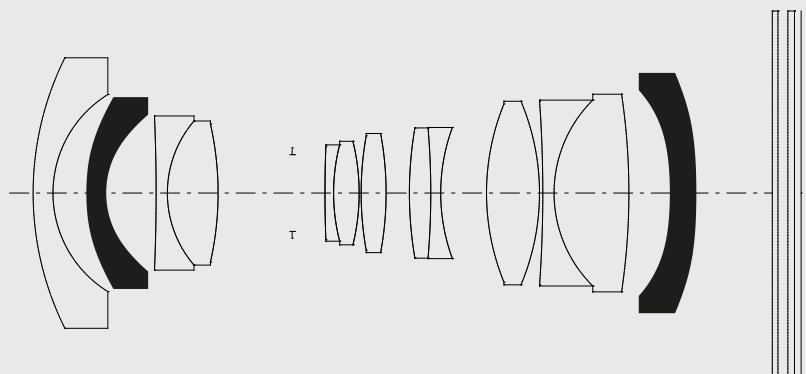
FOCUS TYPE

Internal focusing

ENTRANCE PUPIL POSITION

99 mm in front of image plane

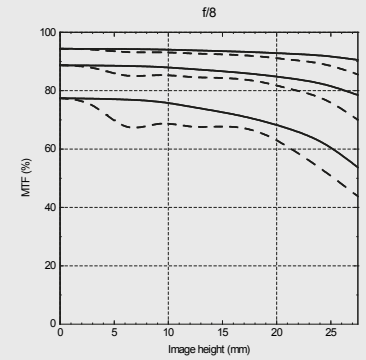
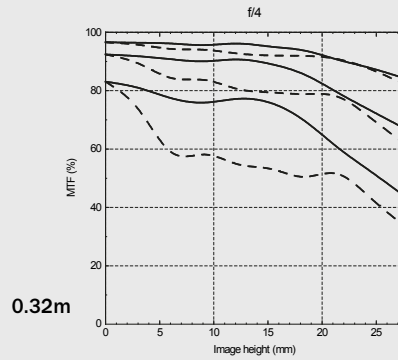
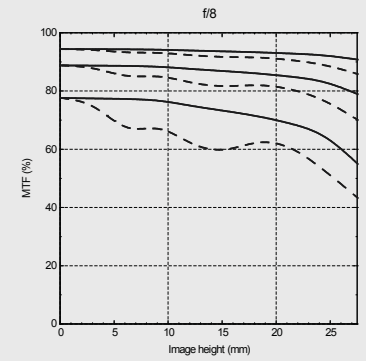
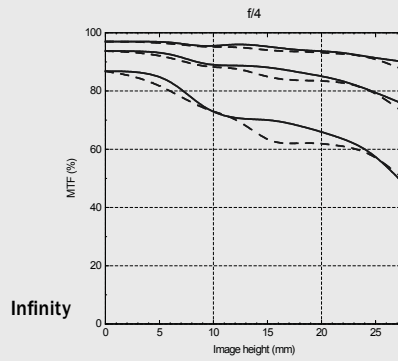
The entrance pupil position is the correct position of the axis of rotation when making a panorama image by combining individual images of a scene.



MTF

Modulation Transfer as a function of image height at infinity and close range settings.

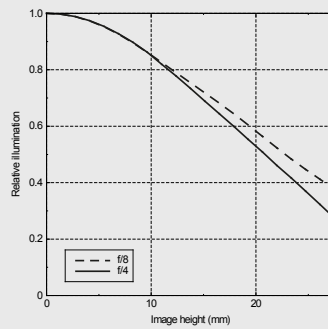
Sagittal slit orientation drawn with continuous line and tangential with dashed. White light. Spatial frequencies 10, 20 and 40 lp/mm



RELATIVE ILLUMINATION

Infinity setting.

When images are imported to Phocus, light fall-off is automatically removed.



DISTORTION

Infinity setting.

When images are imported to Phocus, distortion is automatically removed.

