

## 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

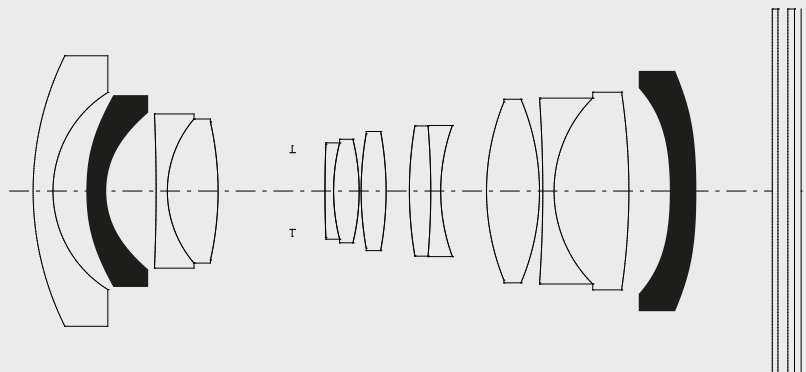
### FOCUS TYPE

Internal focusing

### ENTRANCE PUPIL POSITION

99 mm in front of image plane

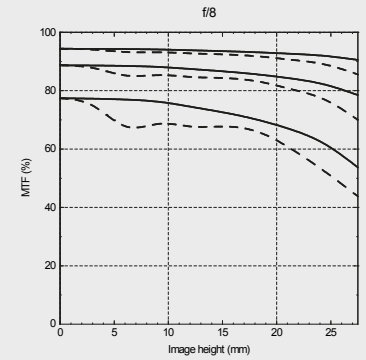
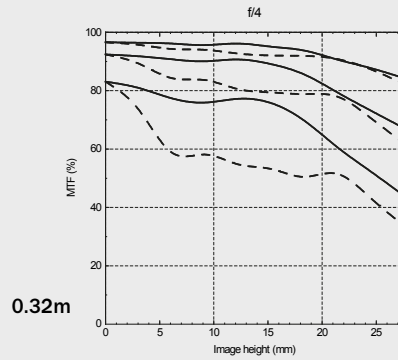
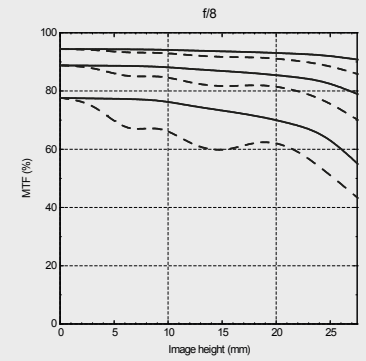
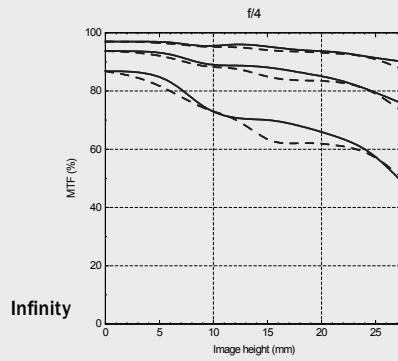
The entrance pupil position is the correct position of the axis of rotation when making a panorama image by combining individual images of a scene.



**MTF**

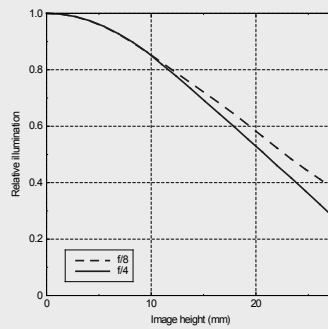
Modulation Transfer as a function of image height at infinity and close range settings.

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



**DISTORTION**

Infinity setting

