

XCD 2,8/65mm

The XCD 65mm is a standard lens for the X System. It compares to a 50mm full frame lens, making it the perfect general purpose lens. The lens features a 0.5 m close distance setting (1:5.4 image scale) and an aperture range between 2,8 and 32. The XCD 65mm 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	65.0 mm
Equivalent Focal length (24x36)	50 mm
Aperture range	2,8 - 32
Angle of view diag/hor/vert	46°/37°/29°
Length/diameter	93 mm/81 mm
Weight (excl. covers and lens shade)	727 g
Filter diameter	67 mm
Product number	CP.HB.0000252.01

CLOSE FOCUS RANGE DATA

Minimum distance object to image plane	0.5 m
Maximum image scale	1:5.4
Corresponding area of coverage	24 x 18 cm
Corresponding exposure reduction	0.5 f-stops

COMPATIBILITY

- Hasselblad X1D cameras



LENS DESIGN

10 elements in 6 groups

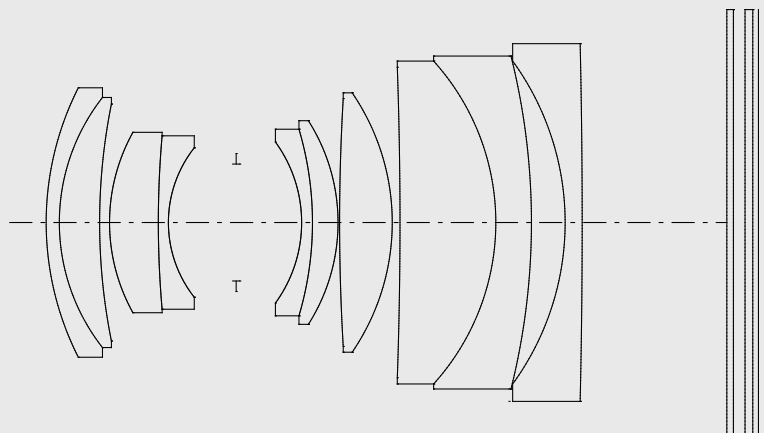
FOCUS TYPE

Front focusing

ENTRANCE PUPIL POSITION

60 mm in front of image plane

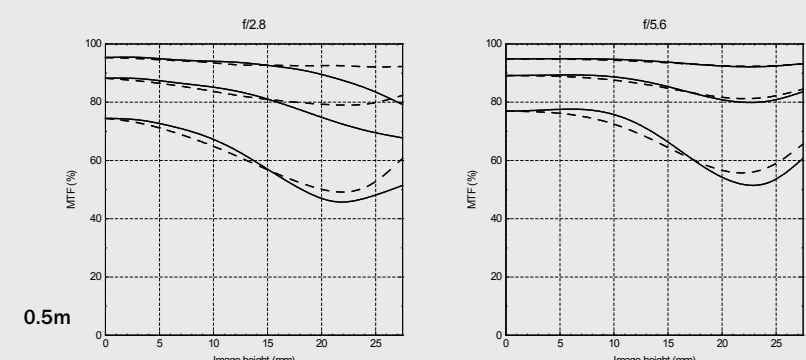
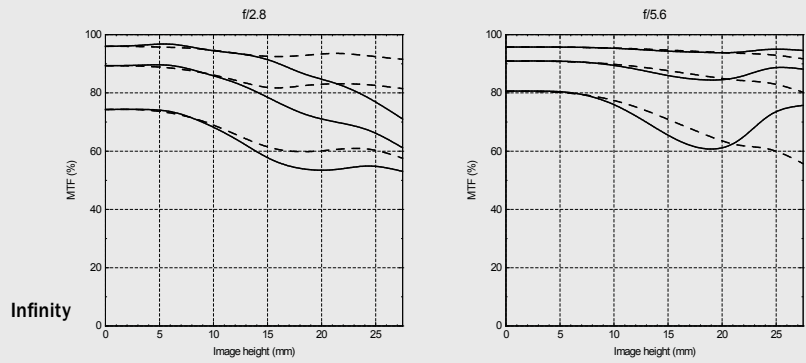
The entrance pupil position is the correct position of the axis of rotation when making a panorama image by combining individual images of a scene.



MTF

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

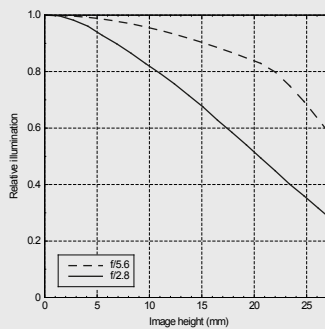
Sagittal slit orientation drawn with continuous line and tangential with dashed. White light. Spatial frequencies 10, 20 and 40 lp/mm



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.

