

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

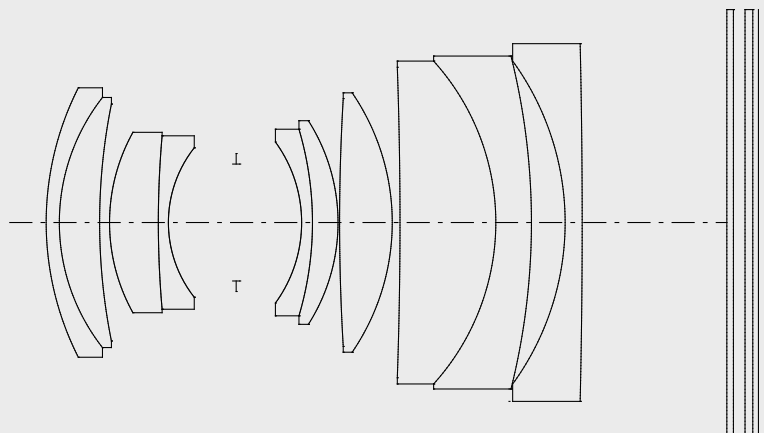
FOCUS TYPE

Front focusing

ENTRANCE PUPIL POSITION

60 mm in front of image plane

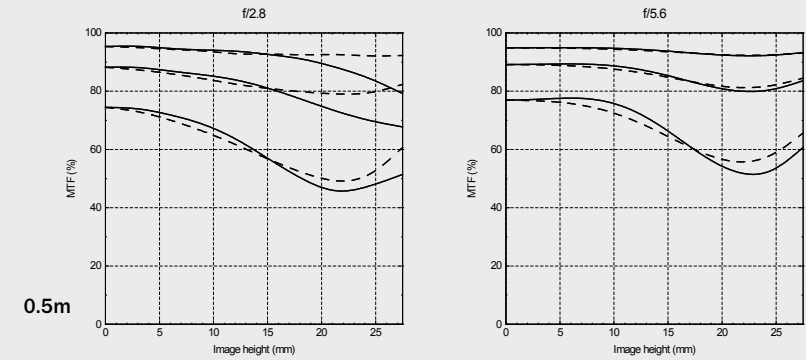
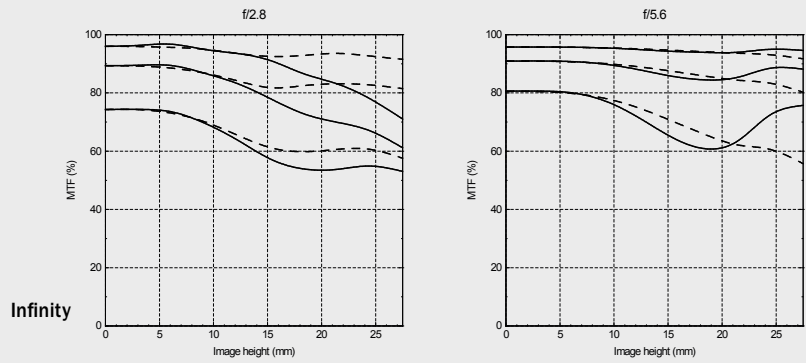
The entrance pupil position is the correct position of the axis of rotation when making a panorama image by combining individual images of a scene.



MTF

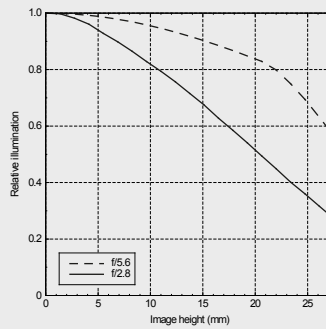
Modulation Transfer as a function of image height at infinity and close range settings.

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



DISTORTION

Infinity setting

