

## XCD 3,5/30MM

The XCD 30mm is a wide angle lens for the X1D. Its focal length provides a 24mm equivalent field of view, making it the perfect landscape, reportage and travel lens. The lens boasts extremely high performance and a compact build, providing a 71° horizontal angle of view. A unique feature of this lens is that it will keep its amazing performance even when shooting at close distances.

All XCD lenses contain a lens shutter with shutter speeds from 68 minutes to 1/2000 second. Providing flash sync at all speeds, this allows complete 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	31.0 mm
Equivalent Focal length (24x36)	24 mm
Aperture range	3.5 - 32
Angle of view diag/hor/vert	83°/71°/56°
Length/diameter	88 mm/83 mm
Length (from camera lens mount flange)	83 mm
Weight (excl. covers and lens shade)	550 g
Filter diameter	77 mm
Product number	CP.QT.00000198.01

### CLOSE FOCUS RANGE DATA

Minimum distance object to image plane	0.4 m
Maximum image scale	1:9.6
Corresponding area of coverage	42 x 32 cm
Corresponding exposure reduction	0.3 f-stops

### COMPATIBILITY

- Hasselblad X System cameras



### LENS DESIGN

11 elements in 10 groups  
1 aspherical element

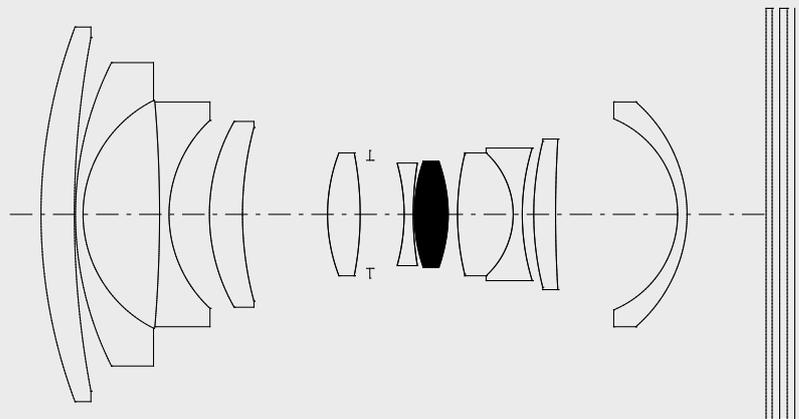
### FOCUS TYPE

Full focusing with floating mechanism

### ENTRANCE PUPIL POSITION

75 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.

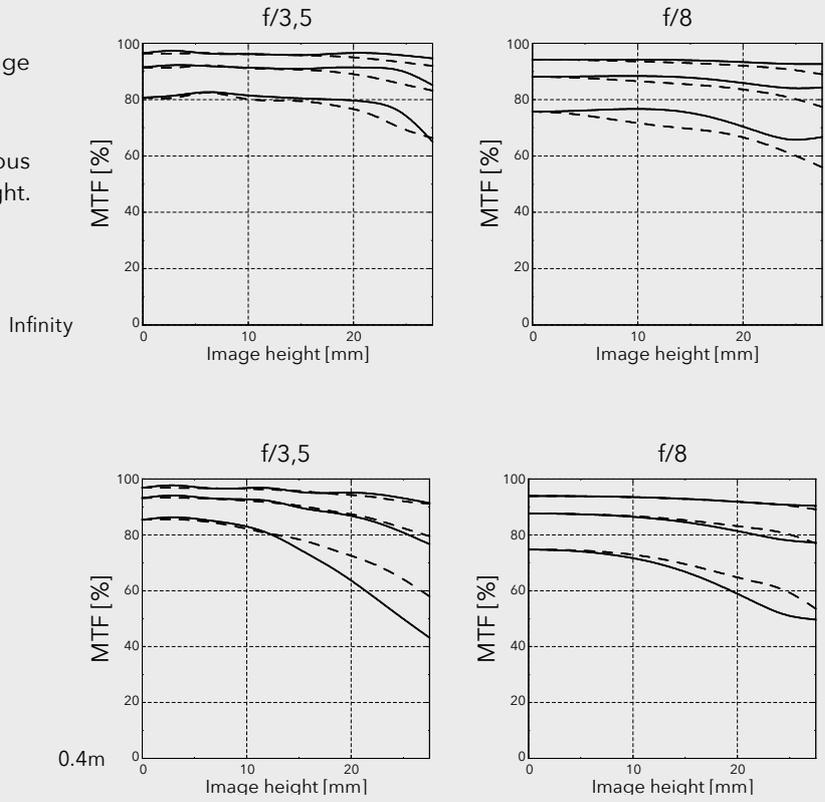


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### MTF

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

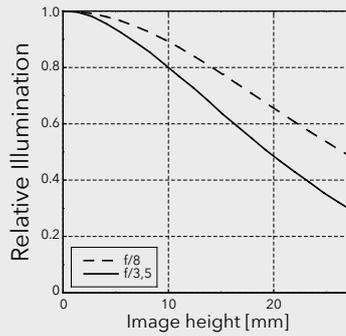
Sagittal slit orientation drawn with continuous line and tangential with dashed. White light. Spatial frequencies 10, 20 and 40 lp/mm



### 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.

