

## XCD 4,0/28P

DATASHEET

Thanks to the small integral central lens shutter and a net weight of 245g, the XCD 4,0/28P is the lightest and most compact Hasselblad medium format lens. Featuring two aspherical and one Extra Low dispersion (ED) element, the XCD 4,0/28P boasts exceptional performance that rivals the best XCD prime lenses and is capable of delivering superb image quality from edge to

edge with full aperture. The integral central lens shutter offers exposure times from 68 minutes to 1/4000th of a second, with full flash synchronisation. With its compact, lightweight build and wide angle of view, the XCD 4,0/28P is the ideal choice for travel or documentary photography where light weight kit is required.

### GENERAL LENS DATA

Focal length	28mm
Equivalent focal length (24×36)	22mm
Aperture range	f/4-f/32
Angle of view diag/hor/vert	89°/76°/60°
Length/diameter	48/75mm
Length (from camera lens mount flange)	43.5mm
Weight (excl. covers)	245g
Filter diameter	72mm
Product number	CP.HB.00000830.01

### CLOSE FOCUS RANGE DATA

Minimum distance object to image plane	0.22m
Maximum image scale	1:6.0
Corresponding area of coverage	26×20cm
Corresponding exposure reduction	0 f-stops

### COMPATIBILITY

- Hasselblad X System cameras & 907X cameras



### LENS DESIGN

- 9 elements in 8 groups
- 2 Aspherical elements
- 1 Extra low dispersion element

### FOCUS TYPE

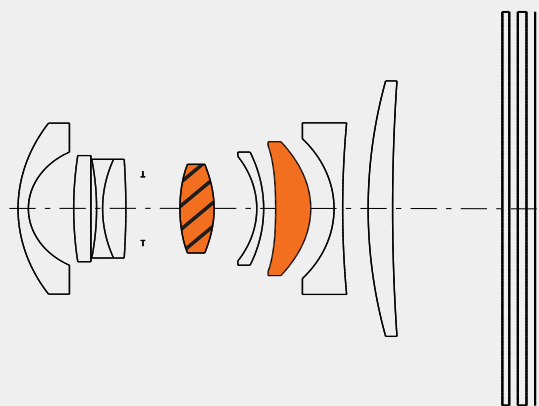
Internal focusing

### ENTRANCE PUPIL POSITION

51mm 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.

- : Aspherical Lens elements
- ▨ : ED Lens elements

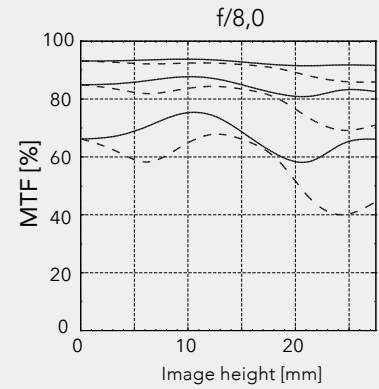
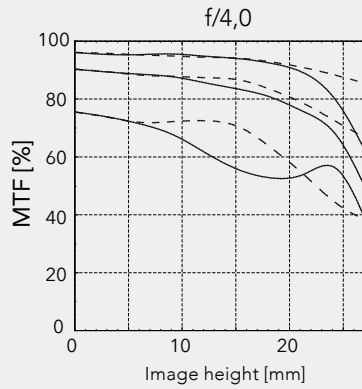


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### MTF

Modulation Transfer as a function of image height at infinity setting.

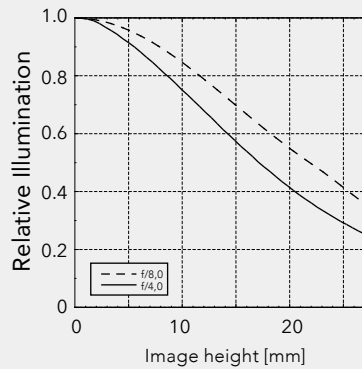
Sagittal slit orientation drawn with continuous line and tangential with dashed. White light. Spatial frequencies 10, 20 and 40 lp/mm



### 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.

