

XCD 4/45P

DATASHEET

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Thanks to the small integral central lens shutter and a net weight of 320 g, the XCD 45P is the lightest and most compact Hasselblad medium format lens. Featuring two aspherical elements, the XCD 45P 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 inte-

gral central lens shutter offers exposure times from 68 minutes to 1/2000th of a second, with full flash synchronisation. With a lens shutter creating minimal vibration and sound, the XCD 45P is the ideal choice for indoor or documentary photography where silent shooting is required.

GENERAL LENS DATA

Focal length	46.2 mm
Equivalent Focal length (24x36)	36 mm
Aperture range	4 - 22
Angle of view diag/hor/vert	61°/50°/39°
Length/diameter	52 / 80 mm
Length (from camera lens mount flange)	47 mm
Weight (excl. covers and lens shade)	320 g
Filter diameter	62 mm
Product number	CP.HB.00000457.01

CLOSE FOCUS RANGE DATA

Minimum distance object to image plane	0.35 m
Maximum image scale	1:5.2
Corresponding area of coverage	23 x 17 cm
Corresponding exposure reduction	0.6 f-stops

COMPATIBILITY

- Hasselblad X System cameras



LENS DESIGN

9 elements in 7 groups
2 Aspherical elements

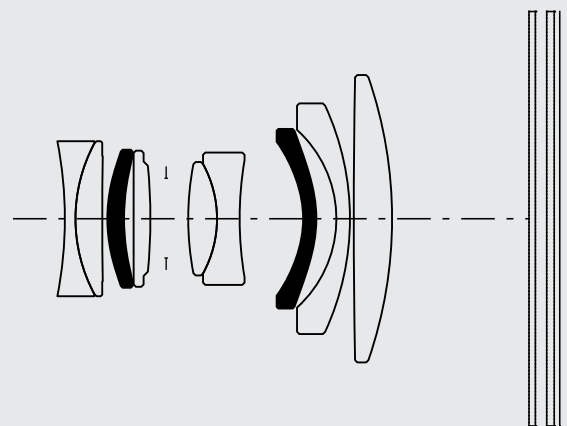
FOCUS TYPE

Full focusing

ENTRANCE PUPIL POSITION

51 mm in front of image plane

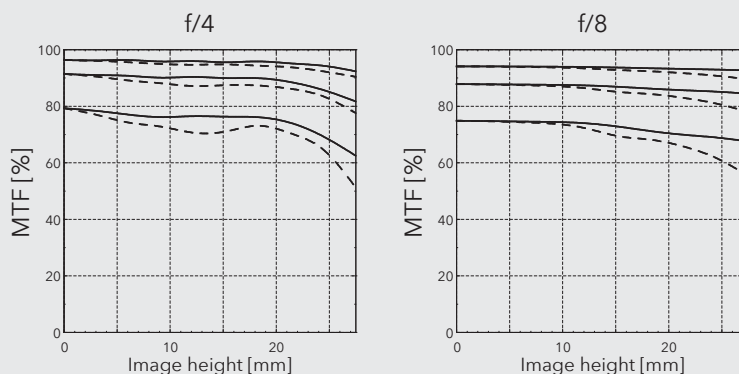
The entrance pupil position is the correct position of the axis of rotation when making a panorama image by combining individual images of a scene.



MTF

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

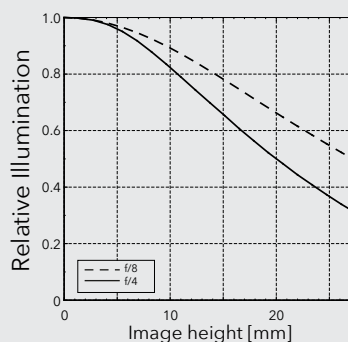
Sagittal slit orientation drawn with continuous line and tangential with dashed. White light. Spatial frequencies 10, 20 and 40 lp/mm



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.

