

## HASSELBLAD HC 3.5/50-II

### General lens data:

Focal length	50.7 mm
Equivalent focal length with 36×48 format	57.6 mm
Equivalent 35mm focal length	31.4 mm
Aperture range	3.5 - 32
Angle of view diag/hor/vert 645 format	70°/59°/46°
Length/diameter	116 mm/85 mm
Weight	975 g
Filter diameter	77 mm

### Close focus range data:

Minimum distance object to film	0.6 m
Maximum image scale	1:8.8
Corresponding area of coverage	49 × 37 cm
Corresponding exposure reduction	0 f-stop



### Lens design

11 elements in 7 groups

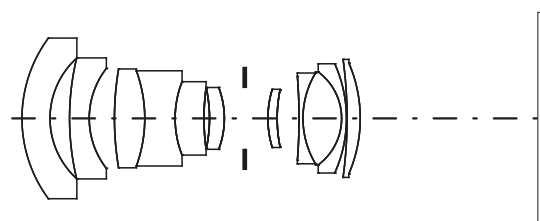
### Focus type

Rear focusing

### Entrance pupil position

134 mm in front of the image plane (at infinite focus setting)

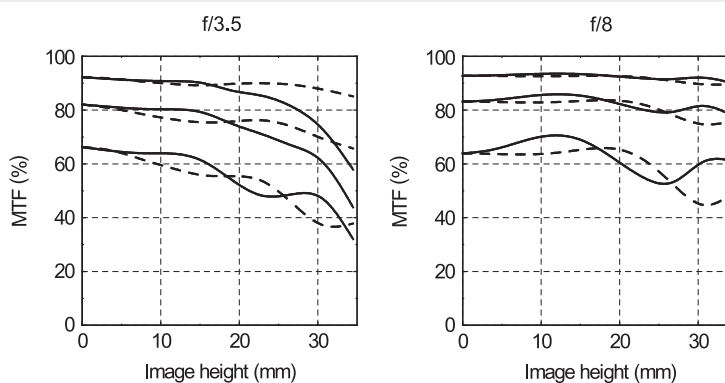
The entrance pupil position is the correct position of the axis of rotation when making a panorama image by combining individual images of a scene.



### MTF

Modulation Transfer as a function of image height at infinite focus setting.

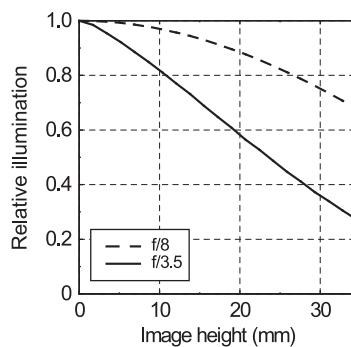
Sagittal slit orientation drawn with continuous line and tangential with dashed. White light. Spatial frequencies 10, 20 and 40 lp/mm.



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### Relative illumination

Infinity setting



### Distortion

Infinity setting

