

## HASSELBLAD HC 3.2/150N

### GENERAL LENS DATA:

Focal length	150.2 mm
Equivavlent 35mm focal length <sup>1)</sup>	110.2 mm
Aperture range	3.2 - 45
Angle of view diag/hor/vert 37x49 format	23°/19°/14°
Length/diameter	124 mm/86 mm
Weight	970 g
Filter diameter	77 mm

<sup>1)</sup> Horizontal coverage between 37x49 and 24x36 compared

### CLOSE FOCUS RANGE DATA:

Minimum distance object to film	1.30 m
Maximum image scale	1:6.8
Corresponding area of coverage	38 x 28 cm
Corresponding exposure reduction	0 f-stop



### LENS DESIGN

9 elements in 8 groups

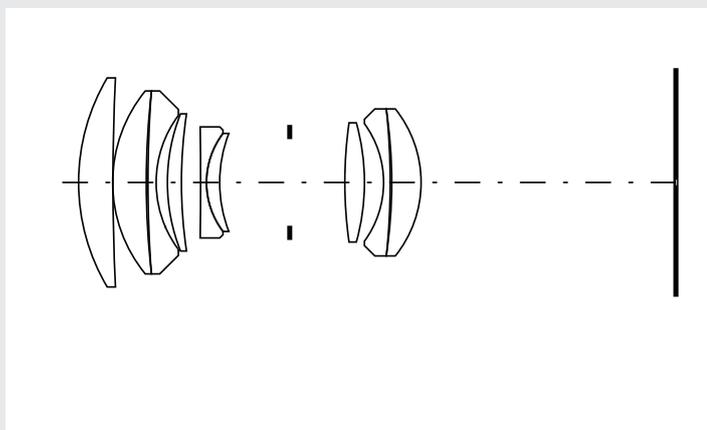
### FOCUS TYPE

Internal focusing

### ENTRANCE PUPIL POSITION

68 mm in front of the film plane  
(at infinite focus setting)

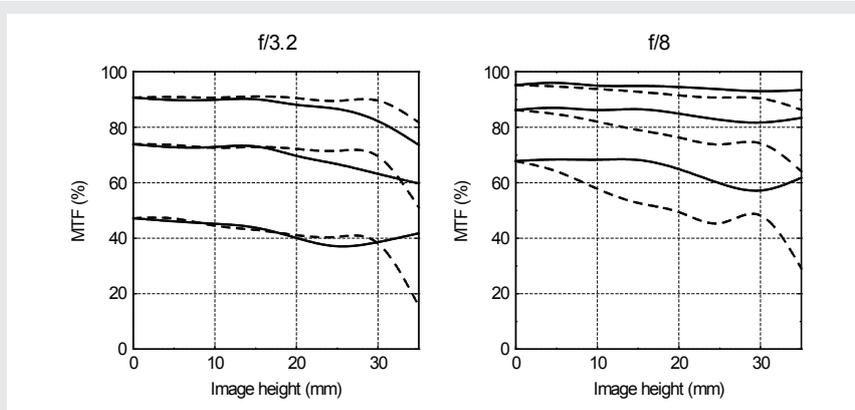
The entrance pupil position is the correct position of the axis of rotation when making a panorama image by combining individual images of a scene.



### MTF

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

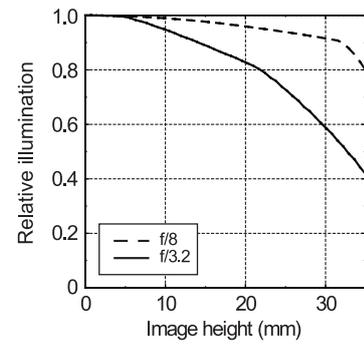
Sagittal slit orientation drawn with continuous line and tangential with dashed. White light. Spatial frequencies 10, 20 and 40 lp/mm



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### RELATIVE ILLUMINATION

Infinity setting



### DISTORTION

2 meters and infinity setting

