

HASSELBLAD HC 4/210

GENERAL LENS DATA:

| | |
|---|--------------|
| Focal length | 211.1 mm |
| Equivavlent 35mm focal length ¹⁾ | 154.8mm |
| Aperture range | 4 - 45 |
| Angle of view diag/hor/vert 645 format | 19°/15°/11° |
| Angle of view diag/hor/vert 37x49 format | 17°/13°/9.6° |
| Length/diameter | 168 mm/86 mm |
| Weight | 1320 g |
| Filter diameter | 77 mm |

¹⁾ Horizontal coverage between 37x49 and 24x36 compared

CLOSE FOCUS RANGE DATA:

| | |
|----------------------------------|------------|
| Minimum distance object to film | 1.8 m |
| Maximum image scale | 1:7.0 |
| Corresponding area of coverage | 39 × 29 cm |
| Corresponding exposure reduction | 0 f-stop |



LENS DESIGN

10 elements in 6 groups

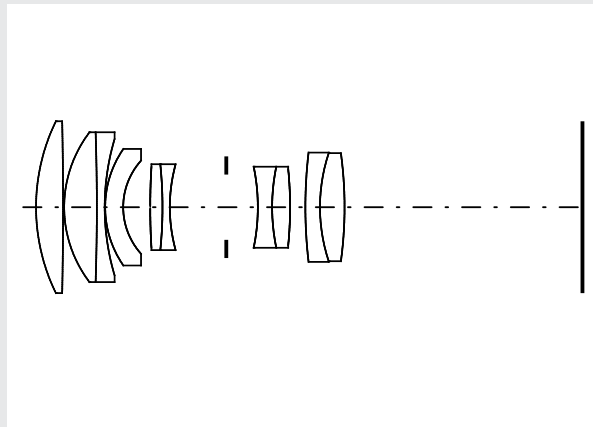
FOCUS TYPE

Internal focusing

ENTRANCE PUPIL POSITION

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

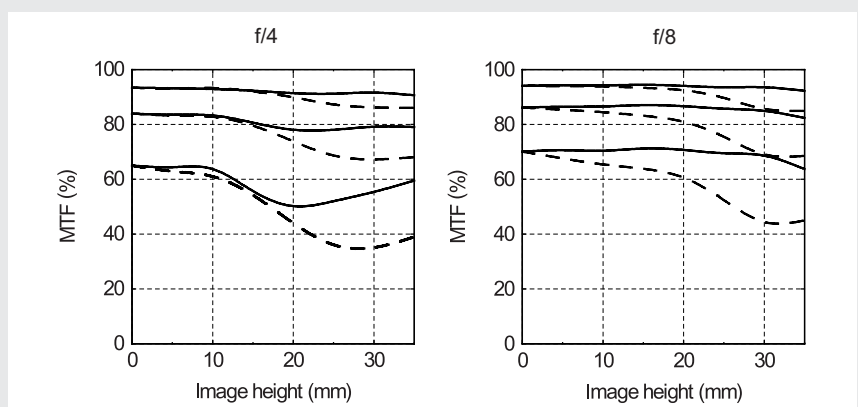
The entrance pupil position is the correct position of the axis of rotation when making a panorama image by combining individual images of a scene.



MTF

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

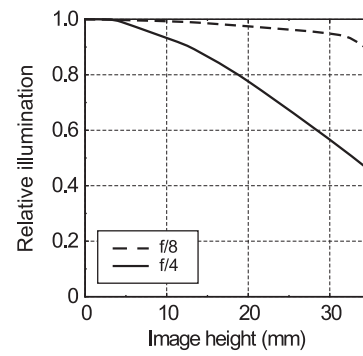
Sagittal slit orientation drawn with continuous line and tangential with dashed. White light. Spatial frequencies 10, 20 and 40 lp/mm



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RELATIVE ILLUMINATION

Infinity setting



DISTORTION

Infinity setting

