

XPan HASSELBLAD 4/90



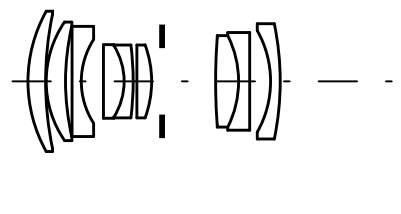
CLOSE FOCUS RANGE DATA:

<i>Minimum distance object to film</i>	1.0 m
<i>Corresponding distance object to front lens</i>	0.9 m
<i>Maximum image scale</i>	1: 9
<i>Corresponding area of coverage</i>	22 x 58 cm
<i>Corresponding exposure reduction</i>	0.3 f-stop

ENTRANCE PUPIL POSITION

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

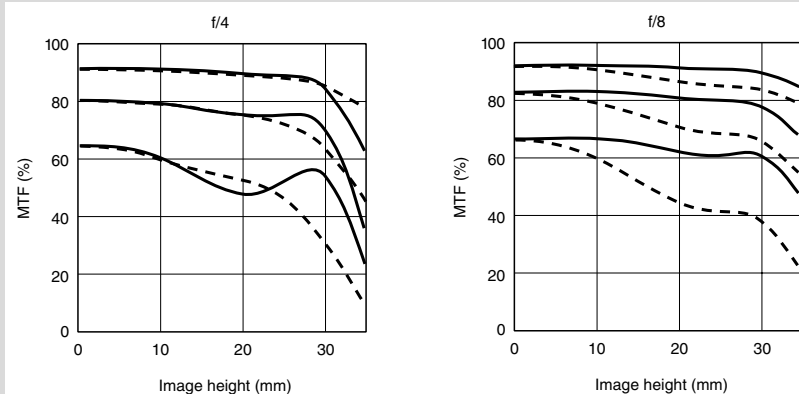
The entrance pupil position is the correct position of the axis of rotation when making a panorama image by combining individual images of a scene.



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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Depth-of-field data

Given distances are calculated for a blur circle diameter of 33 microns and do not include the effect of lens aberrations.

Depth-of-field in meters

	f/4	f/8	f/16	f/22
∞	60 - ∞	30 - ∞	15 - ∞	11 - ∞
10 m	8.5 - 12	7.5 - 15	6 - 30	5 - 100
5 m	4.65 - 5.4	4.3 - 5.9	3.8 - 7.5	3.5 - 9
3 m	2.87 - 3.15	2.75 - 3.3	2.55 - 3.7	2.4 - 4
2 m	1.95 - 2.06	1.9 - 2.12	1.8 - 2.25	1.75 - 2.4
1.5 m	1.47 - 1.53	1.44 - 1.56	1.39 - 1.63	1.35 - 1.7
1.2 m	1.18 - 1.22	1.17 - 1.24	1.13 - 1.28	1.11 - 1.31
1 m	0.99 - 1.01	0.98 - 1.02	0.96 - 1.05	0.94 - 1.07

To convert meters into feet, multiply by 3.281. To convert meters into inches, multiply by 39.37