

XPan HASSELBLAD 5.6/30



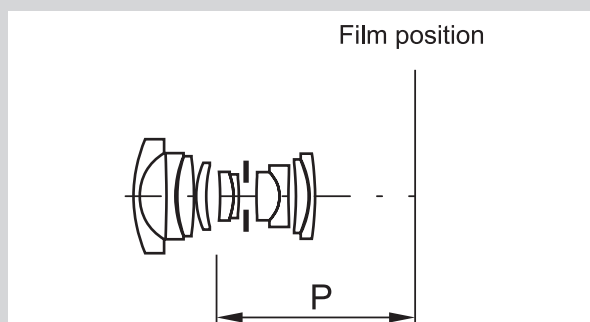
CLOSE FOCUS RANGE DATA:

<i>Minimum distance object to film</i>	0.70 m
<i>Corresponding distance object to front lens</i>	0.62 m
<i>Maximum image scale</i>	1: 20
<i>Corresponding area of coverage</i>	48 x 130 cm
<i>Corresponding exposure reduction</i>	0.1 f-stop

FRONT NODAL POINT POSITION

(P distance at infinite focus setting): 55 mm

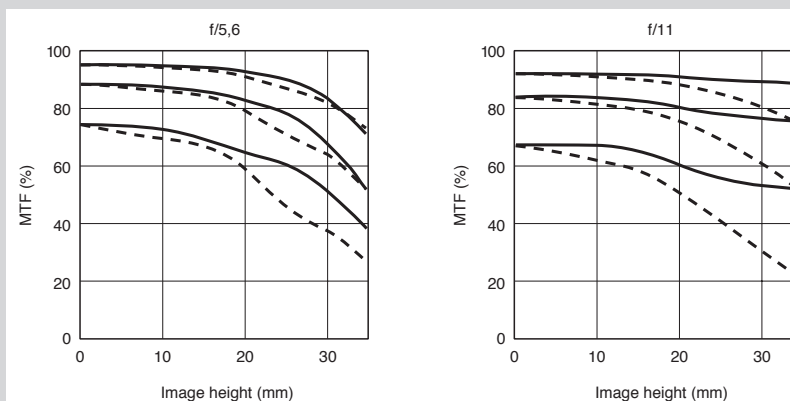
The front nodal position is the correct position of the axis of rotation when making a panorama image by combining individual images of a scene.



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/5.6	f/11	f/22
∞	5 - ∞	2.5 - ∞	1.3 - ∞
10 m	3.5 - ∞	2 - ∞	1.2 - ∞
5 m	2.5 - ∞	1.8 - ∞	1.1 - ∞
3 m	1.9 - 7	1.5 - ∞	1 - ∞
2 m	1.5 - 3.2	1.2 - 8	0.85 - ∞
1.5 m	1.2 - 2.1	1 - 3.3	0.75 - ∞
1.2 m	1 - 1.5	0.85 - 2.1	0.7 - 9
1 m	0.85 - 1.2	0.75 - 1.5	0.6 - 3.5
0.8 m	0.71 - 0.92	0.65 - 1.1	0.55 - 1.7
0.7 m	0.63 - 0.79	0.58 - 0.9	0.5 - 1.3

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