

## XPan HASSELBLAD 5.6/30



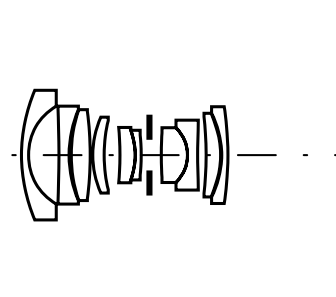
### CLOSE FOCUS RANGE DATA:

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

### ENTRANCE PUPIL POSITION

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

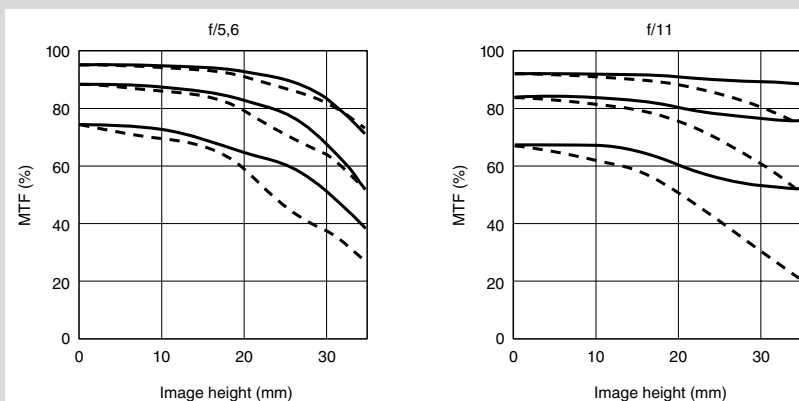
The entrance pupil position is the correct position of the axis of rotation when making a panorama image by combining individual images of a scene.



### 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/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 |

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