

Manual

CAA-RF 0,8x Reducer/Field-Flattener for LS80MT, LS100MT & LS130MT

This reducer/field-flattener shortens the focal length by a factor of 0.8x and flattens the field of view for deep-sky astrophotography with the LS80MT, LS100MT and LS130MT series telescopes from Lunt Solar Systems.

Scope of delivery:

- CAA-RF 0,8x Reducer/Field-Flattener
- Adapter to T2 thread (M42x0.75)
- Adapter to M48x0.75

Please note:

This reducer/field-flattener is suitable for photography only. It cannot be used for visual observations.

The reducer/field-flattener is suitable for astrophotography at night only, it cannot be used for H-alpha solar photography.

The reducer/field flattener can only be used on LS80MT, LS100MT and LS130MT telescopes if they are equipped with the corresponding conversion kit for night sky observation.

Installing the Reducer/Field-Flattener

The reducer/field flattener has an M68x1 male thread on one side. This is the side with which it can be connected to the telescope.



For this, one of the high-quality focusers from the conversion kits 0551330, 0551430 or 0551696 must be fitted to the LS80MT, LS100MT or LS130MT. Unscrew now the eyepiece clamping ring from this focuser.



The focusers from the conversion kits now have an M68x1 female thread at the end of the focuser. The reducer/field flattener can now be screwed on there.

On the other side, the reducer/field flattener has an M68x1 female thread. One of the two adapter rings included in the scope of delivery can now be screwed onto this. One adapter ring has a T2 thread (M42x0.75) on the camera side, the other has the larger M48x0.75 thread used by many astro cameras.



The camera used can then be connected there.

If you are using a DSLR camera with a suitable T2 adapter ring, the T2 adapter ring can be connected directly. DSLR cameras and the corresponding T2 adapter rings are usually standardized, which means that the required working distance to the reducer/field flattener is automatically provided here.

If you use other cameras, please note that the distance behind the T2 or M48 thread adapter and the camera sensor must be 50 to 55 mm.

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