



Even though the use of the LumaCon is self-explanatory, please read the underneath carefully.



Do not move the projector by hand nor block the projector while it is moving.



Use the included PC only for the LumaCon. The PC is optimized for the software, other use will affect the performance.



If applicable use the lens-support to release the lens from weight-related stress





Version 1.01-t730

For the electrical connections, simply connect the different connectors according to their color (blue to blue etc.)





④ To light-source

⑤USB (to camera)

② & ③ USB (to PC)



Power supply (to LumaCon)

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Version 1.01-t730





② The field-lens can be slid on- & off the rail

1 Installing the lens-mount



- Release the 2 hex-screws that hold the end-locking in place
- Slide the mount onto the rail
- Reinstall the end-locking and the 2 hex-screws.

③ Assembling the light-source



• Mount the housing on the actuator using the 3 hex-screws

- Slide the light-source into the housing
- Secure the light-source in the housing using the top-screw
- In the front of the housing you can apply the different targets



Version 1.0

For the electrical connections, simply connect the different connectors according to their color (blue to blue etc.)







(5) USB (to camera)





Power supply (to LumaCon)



Version 1.0



2 The field-lens can be slid on- & off the rail





- Release the 2 hex-screws that hold the end-locking in place
- Slide the mount onto the rail
- Reinstall the end-locking and the 2 hex-screws.

③ Assembling the light-source



- Mount the housing on the actuator using the 4 hex-screws
- Slide the light-source into the housing
- Secure the light-source in the housing using the top-screw
- In the front of the housing you can apply the different targets





Menu guide

Software version 1.0.5





Expert guide

Version 1.0

Preparations

- Replace the camera with the focal-plane microscope.
- Install the pinhole target in the projector in place of Siemens star
- Place the field lens •
- Set the system distance to infinity

Setup of the microscope

Adjust the 4 alignment screws on the microscope in such a way that you can see the pinhole as close to the image-center of the eyepiece as possible. Due to the high optical magnification (300 x) this initially requires some practice. The eye piece slides in- and out for your eye-focus(diopter)



Please note

- In some cases more than one issue may be present in a given lens. With experience you will be able to see multiple abberations are layered together
- Anamorphic lenses are intentionally designed to have a (controlled) astigmatism. Therefore anamorphic lenses cannot be evaluated by the focal-plane microscope.

Goto https://vimeo.com/user52526516 for instruction-videos