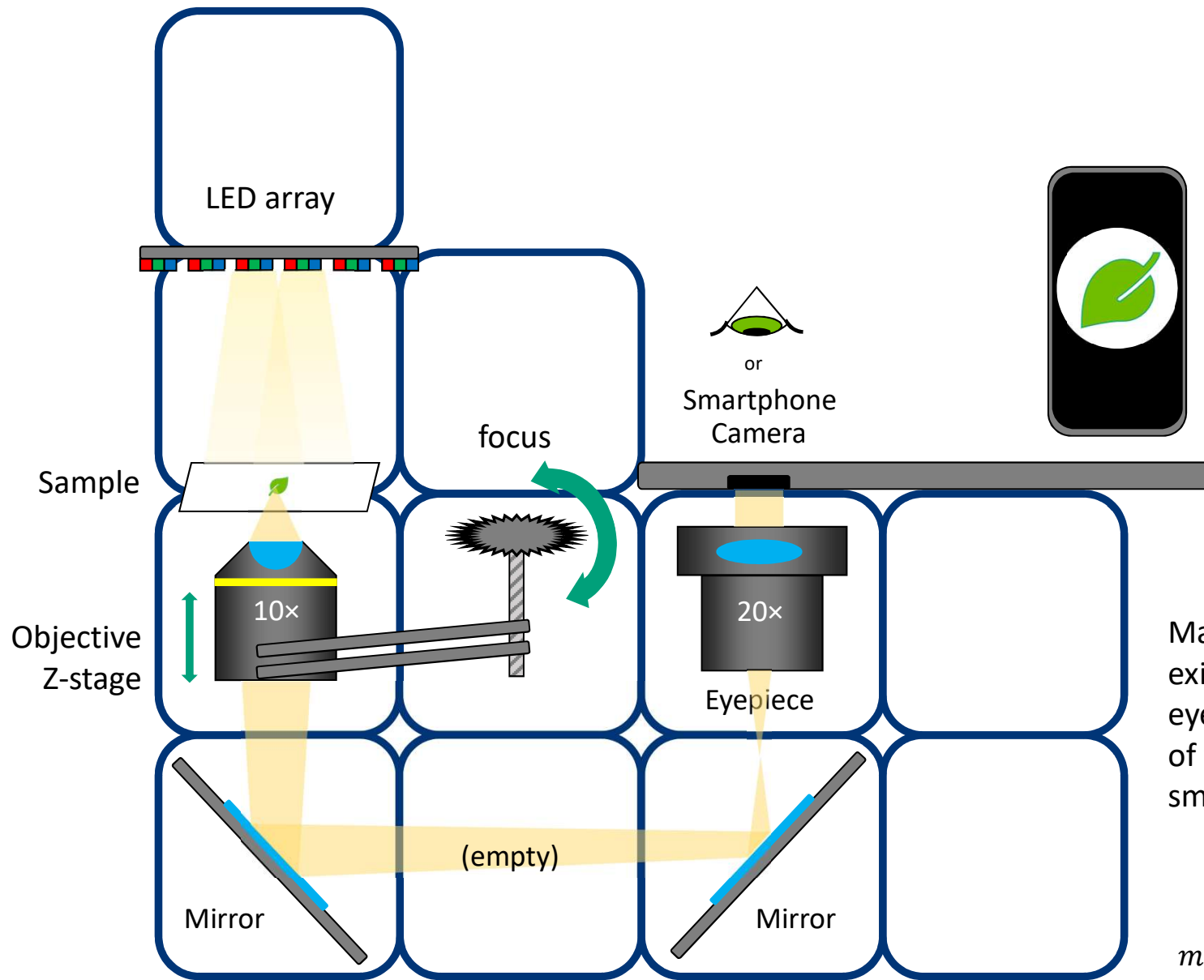




Smartphone Microscope



„Finite-corrected“
microscope

The smartphone camera has a short focal length lens to create an image on the camera sensor.

The imaging properties are therefore similar to those of the human eye.

Make sure that the exit pupil of the eyepiece fills the field of view of the smartphone camera.

Magnification

$$m = m_{\text{Objectiv}} \times m_{\text{Eyepiece}}$$

