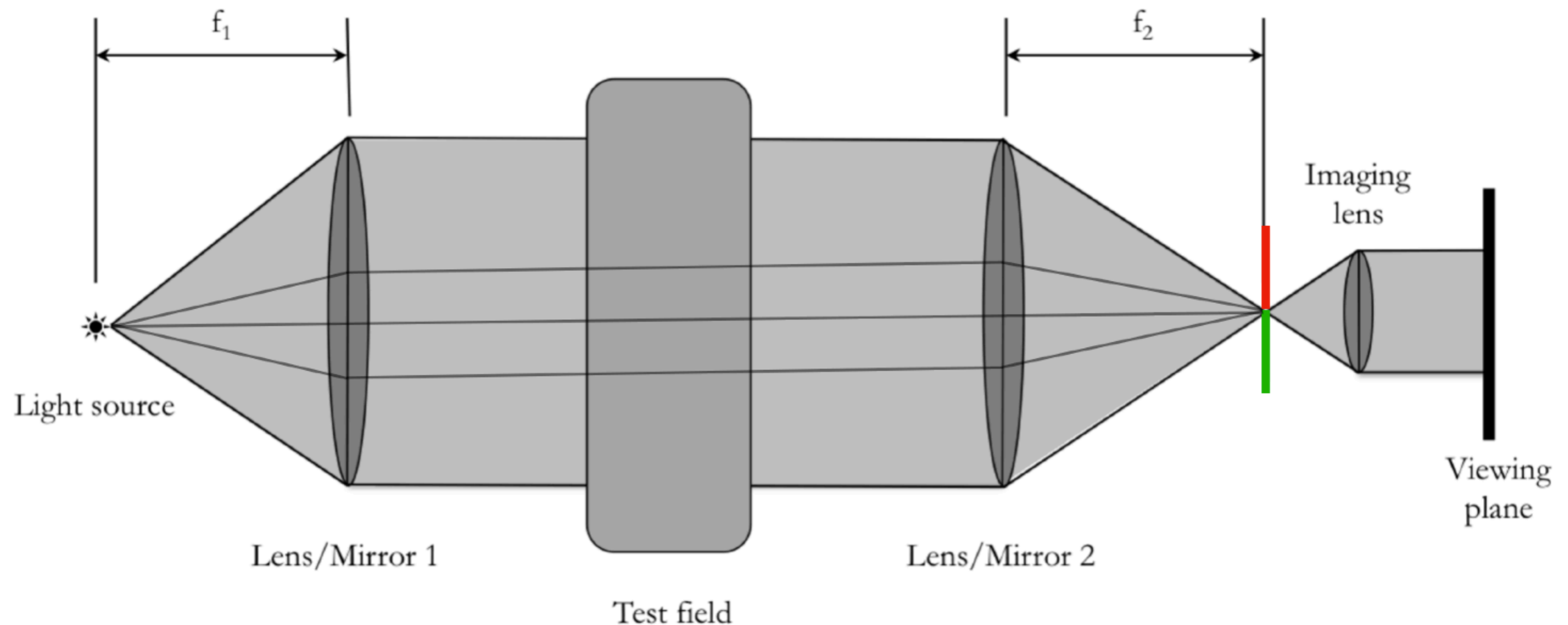# Schlieren

- With an empty test field: (1) the first mirror creates a collimated beam that passes through the test field, (2) the second mirror and lens images light from the test area (a collimated beam) onto the viewing plane.

Schlieren

$$\frac{\partial n}{\partial y} = 0$$

f_1

f_2

Light source

Lens/Mirror 1

Test field

Lens/Mirror 2

Imaging lens

Viewing plane