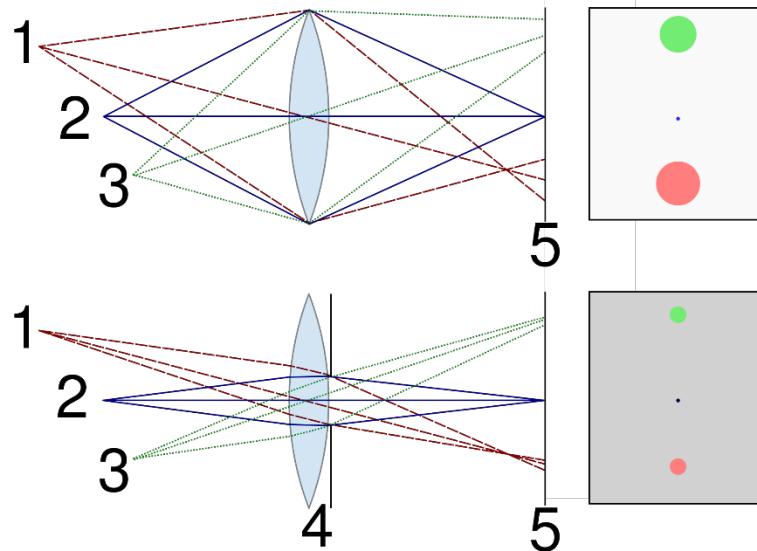


Camera

Camera Aperture, Depth of the field



For instance, the zone focus technique requires that the aperture f scales on a lens barrel **perfocal distance** opposite to what you are using. If you then increase the **depth of field** will decrease to infinity. For example, if your camera has a hyperfocal distance of 18 feet, and you focus at 18 feet,



Aperture = f/1.4. DOF=0.8 cm Aperture = f/4.0. DOF=2.2 cm Aperture = f/22. DOF=12.4 cm

Depth of field for different values of aperture using 50 mm objective lens and full-frame DSLR camera. Focus point is on the first blocks column

Ways to vary exposure

- Shutter Speed (*)
- F/stop (aperture, iris)
- Neutral Density (ND) Filters



Exposure, Dynamic Range

