

# Photography 101

Capturing the Light

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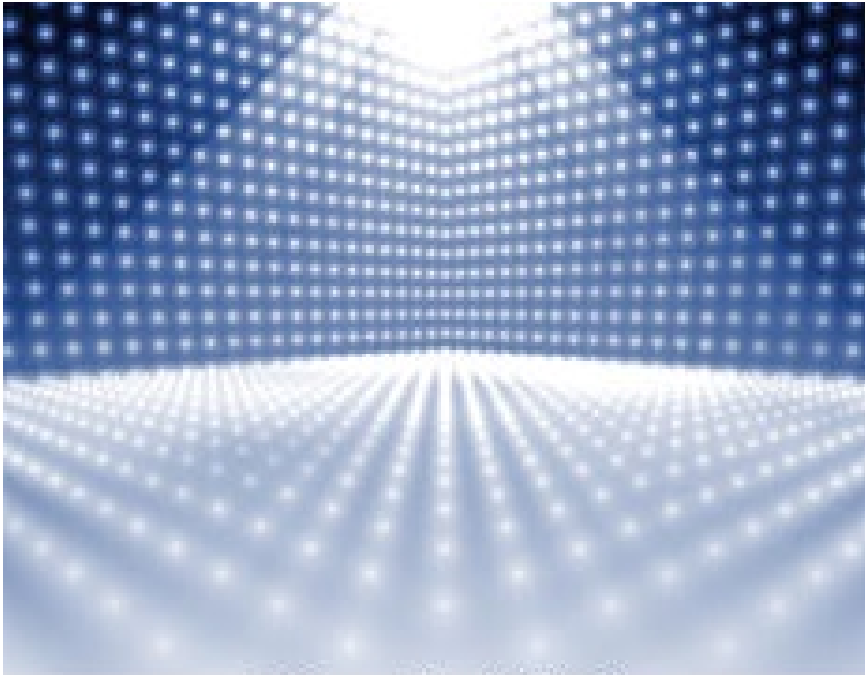
# Scope

- Light
  - Exposure
  - Shutter Speed
  - Aperture
- Composition
  - Framing
  - Positioning
  - Depth of field
- Equipment
  - Phones
  - Point & shoot
  - DSLR
  - Lenses

# Light



# Exposure (ISO)



12800



100

# Aperture (fx.x)

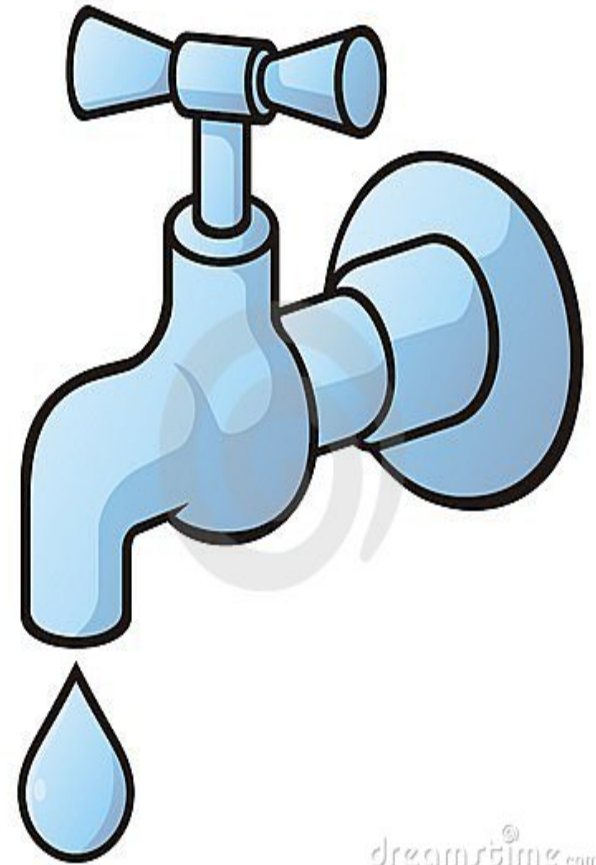


F 1.4



F 22

# Shutter Speed (1/x)



# Perfect Picture (Light)

ISO

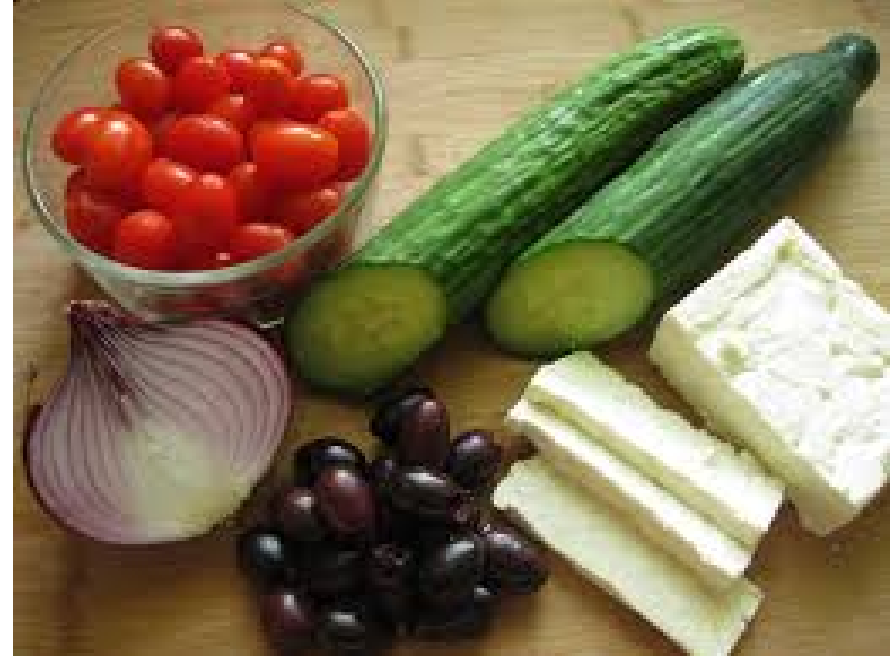
Aperture

Shutter  
Speed

Perfection



# Composition





# Framing

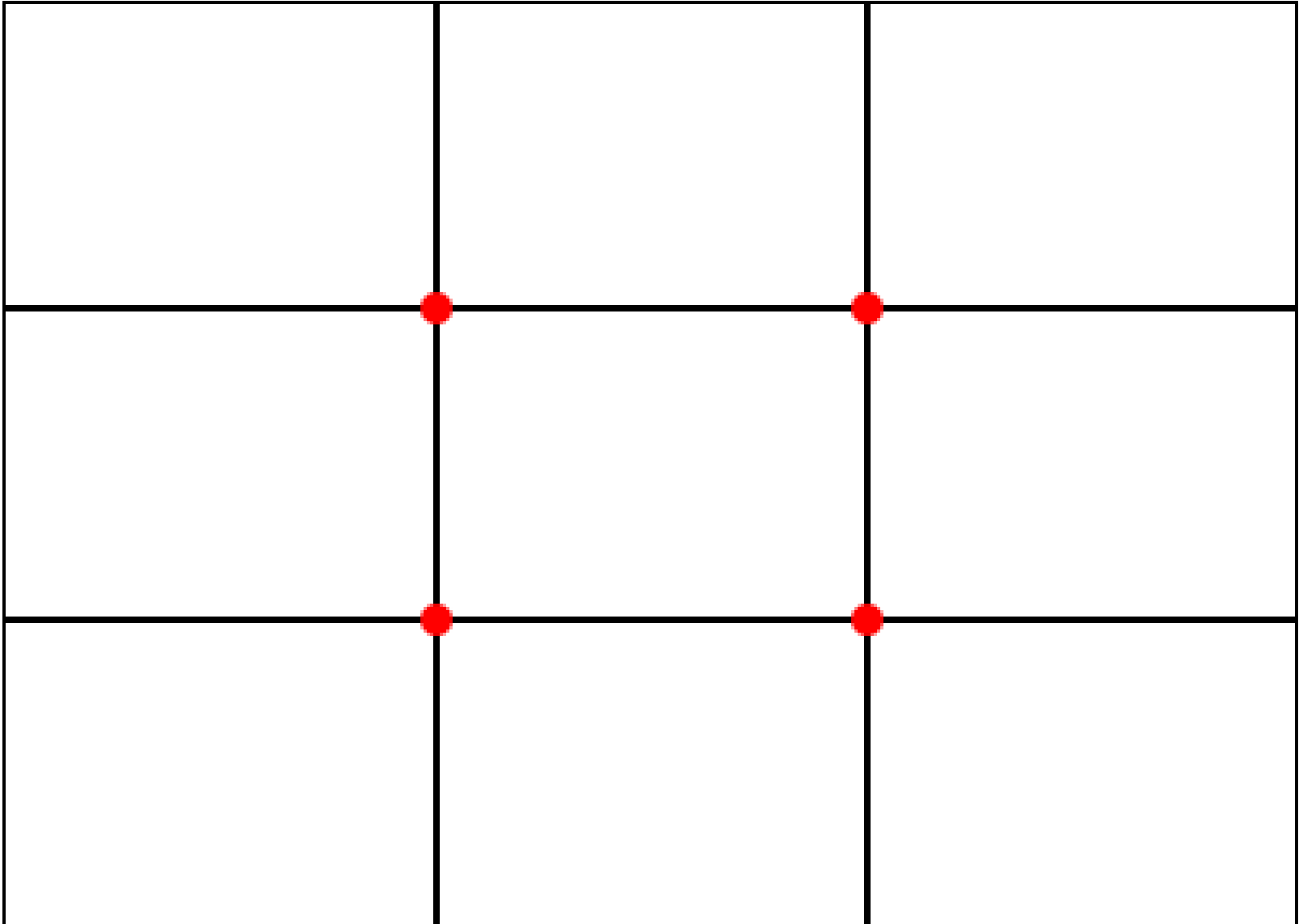


gettyimages®  
macida

# Framing



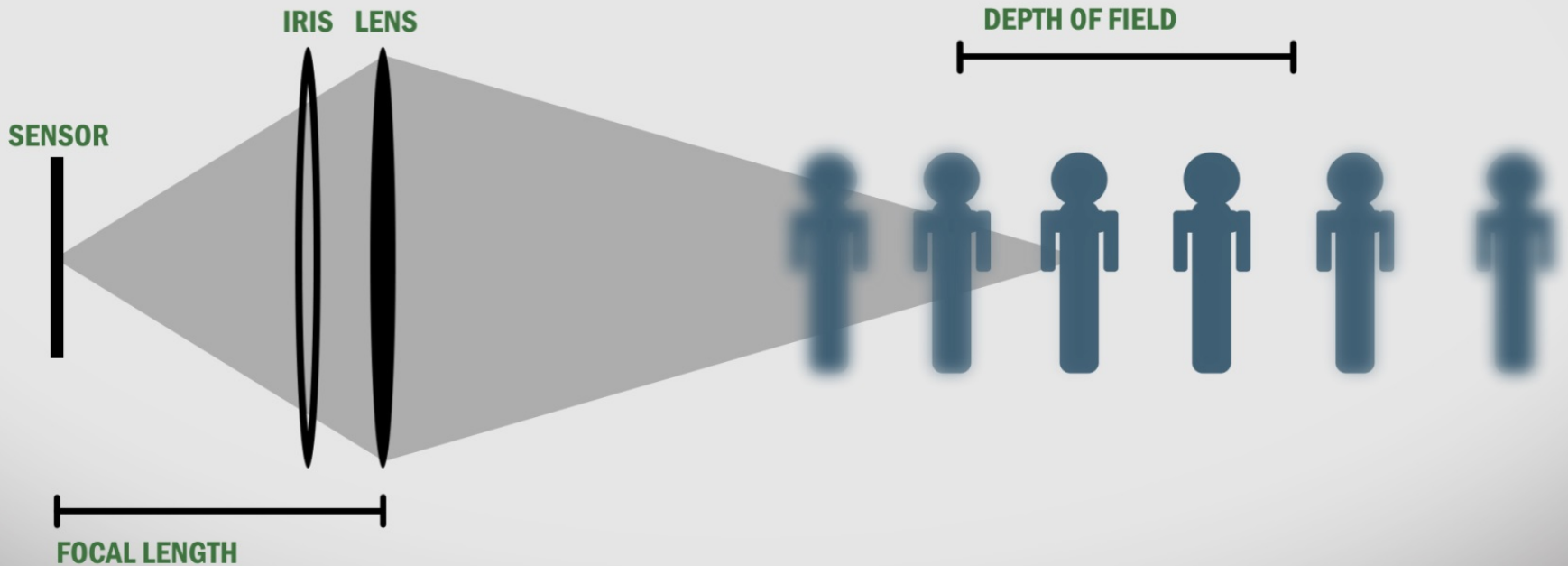
# Position



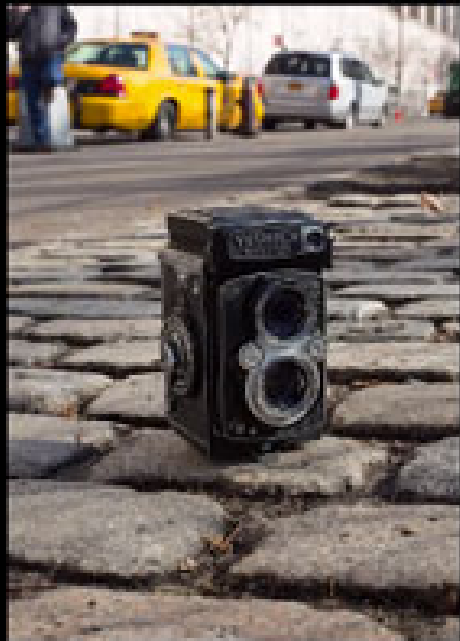
# Depth of Field

## FOCAL DISTANCE

ALSO CALLED FOCAL LENGTH



# Depth of Field



f/16



f/4



f/1.4





# DIGITAL CAMERAS



# Phones





# Compare & Contrast

Point & Shoot	Cross Over	DSLR
Small / Portable	Slightly Larger	Large
Easy to manage	Quite easy to manage	Complex ???
Automatic	Semi automatic	Automatic / Manual
Limited Focal Range	Extended Focal Range	Custom focal Length
Fixed lens	Fixed Lens	Interchangeable lenses
Video – low quality	Video – Higher quality	HD Video – Some models

# Canon DSLR Shooting Settings



# Nikon DLSR Shooting Settings



# General Rule of Thumb

