



administration • technologie • santé

## **Digital photography**

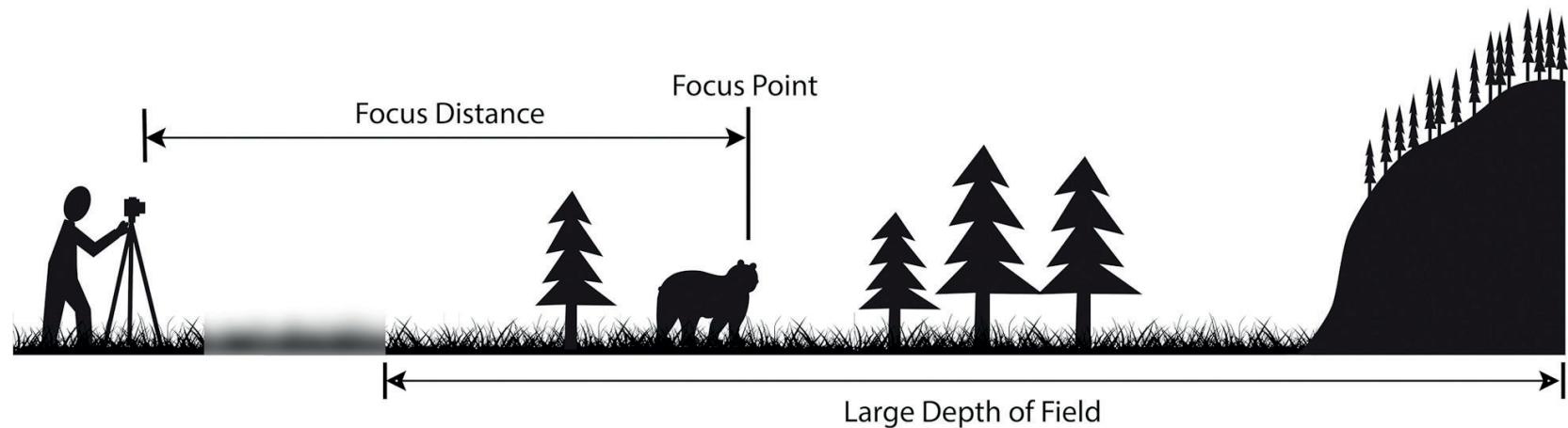
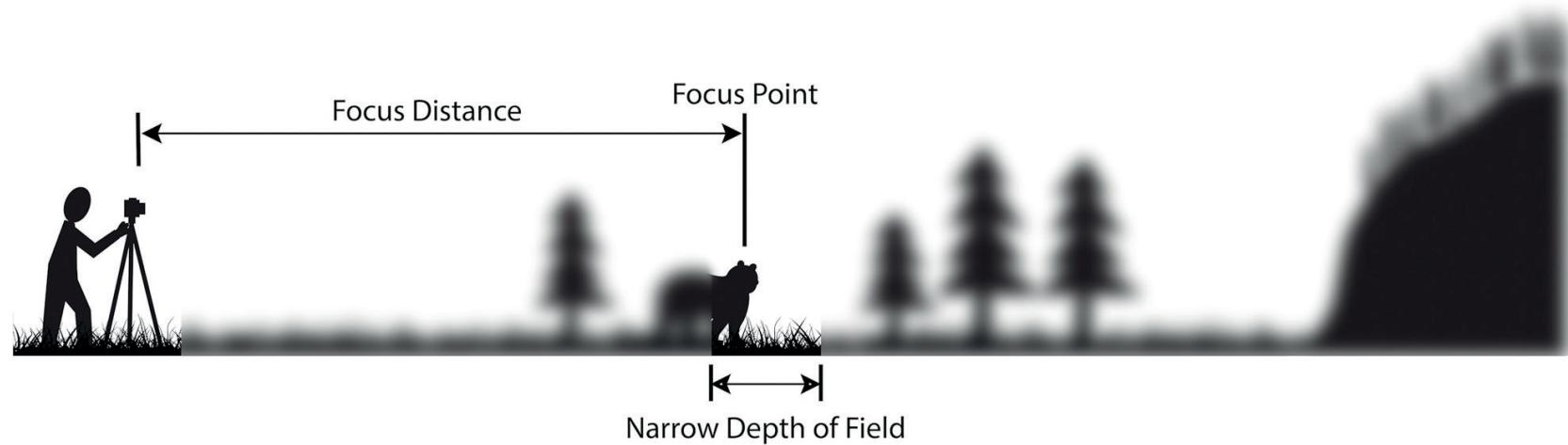
**(420-PHN-ID)**

**Class 07**

# The depth of field



# The depth of field



# Controlling DOF: aperture

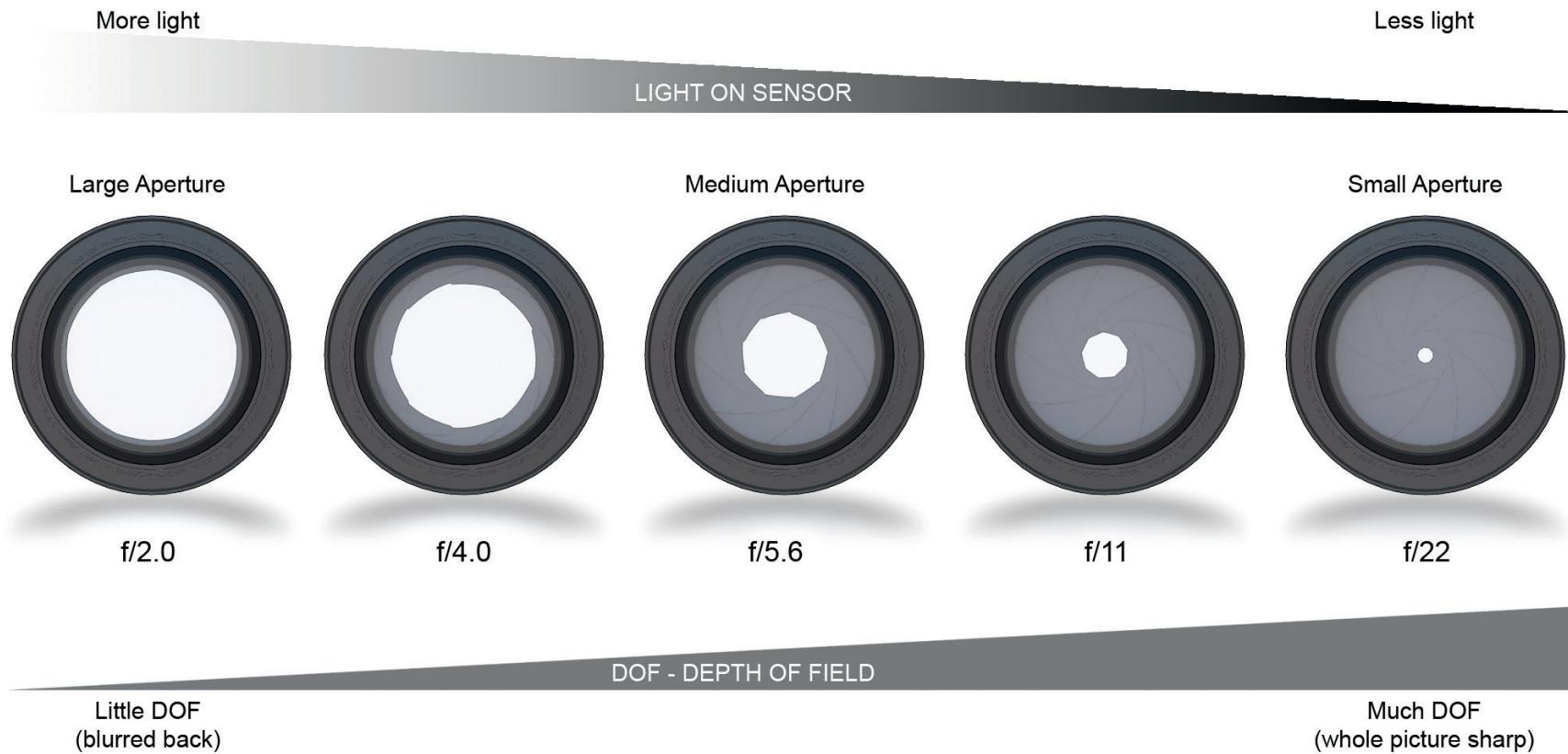


Illustration by [www.cameralensadvice.com](http://www.cameralensadvice.com)

## Controlling DOF: focal length



**200mm**

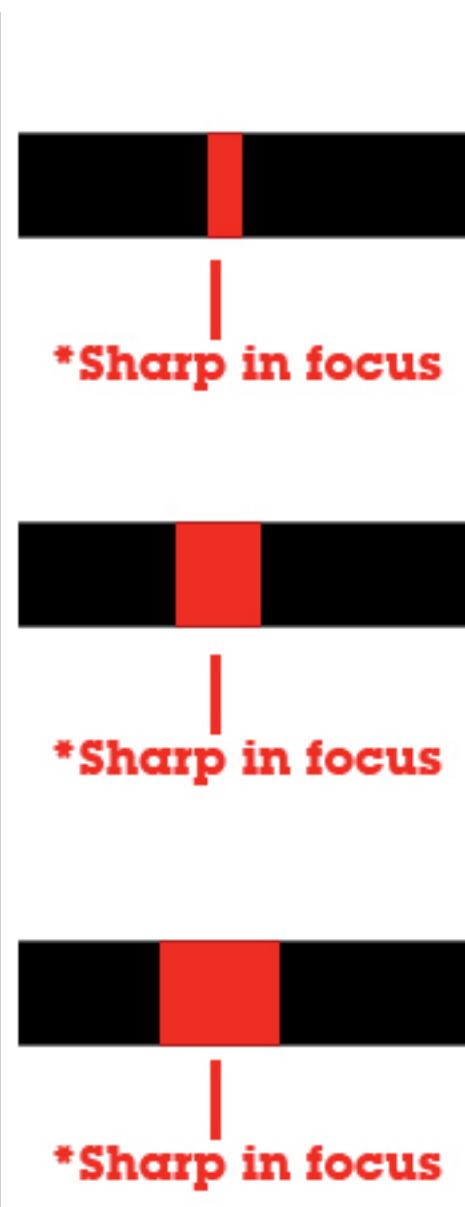


**85mm**



**50mm**

**All  
lenses  
at f/2**



# Controlling DOF: camera-subject distance



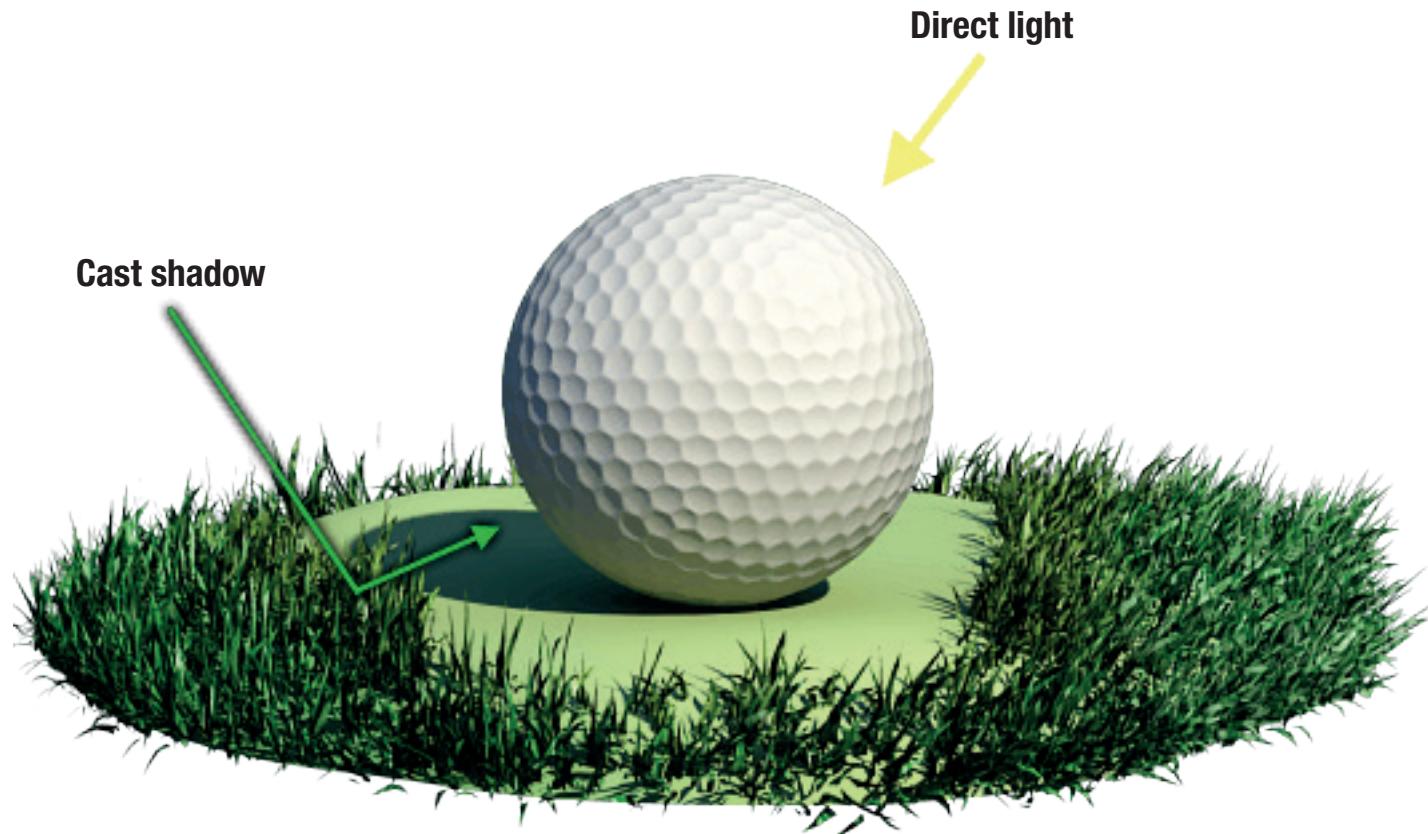
# Quality of light: soft vs hard light



Soft light

Hard light

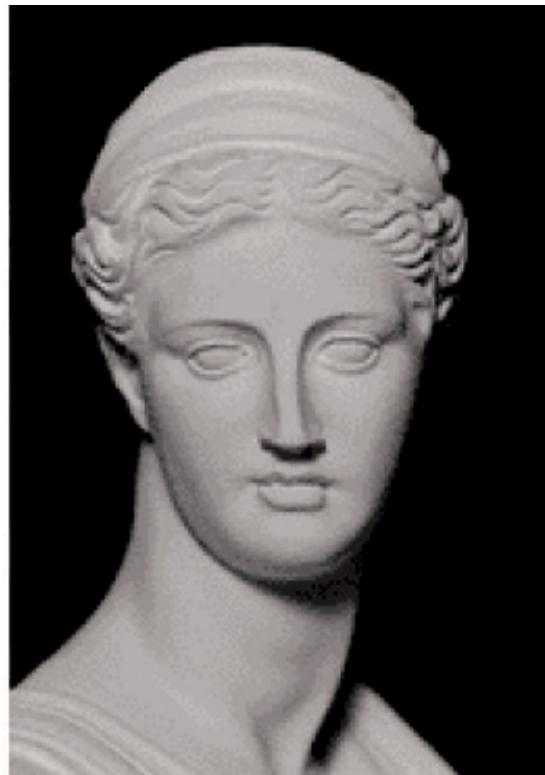
## Properties of light: direct (incident)



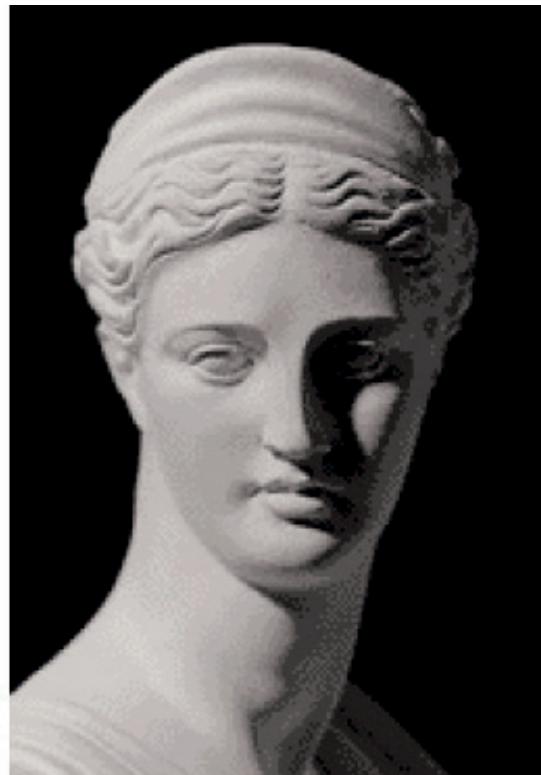
## Properties of light: direct light (frontal)



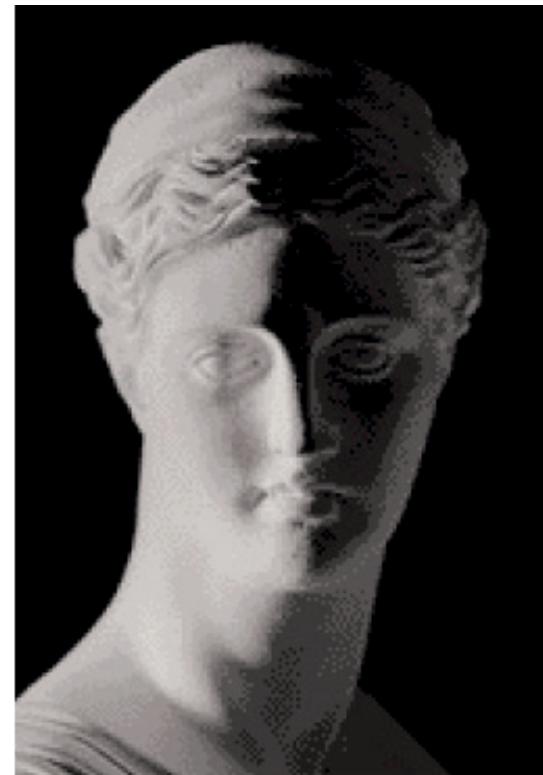
# Properties of light: direct light (frontal & angles)



Front, direct



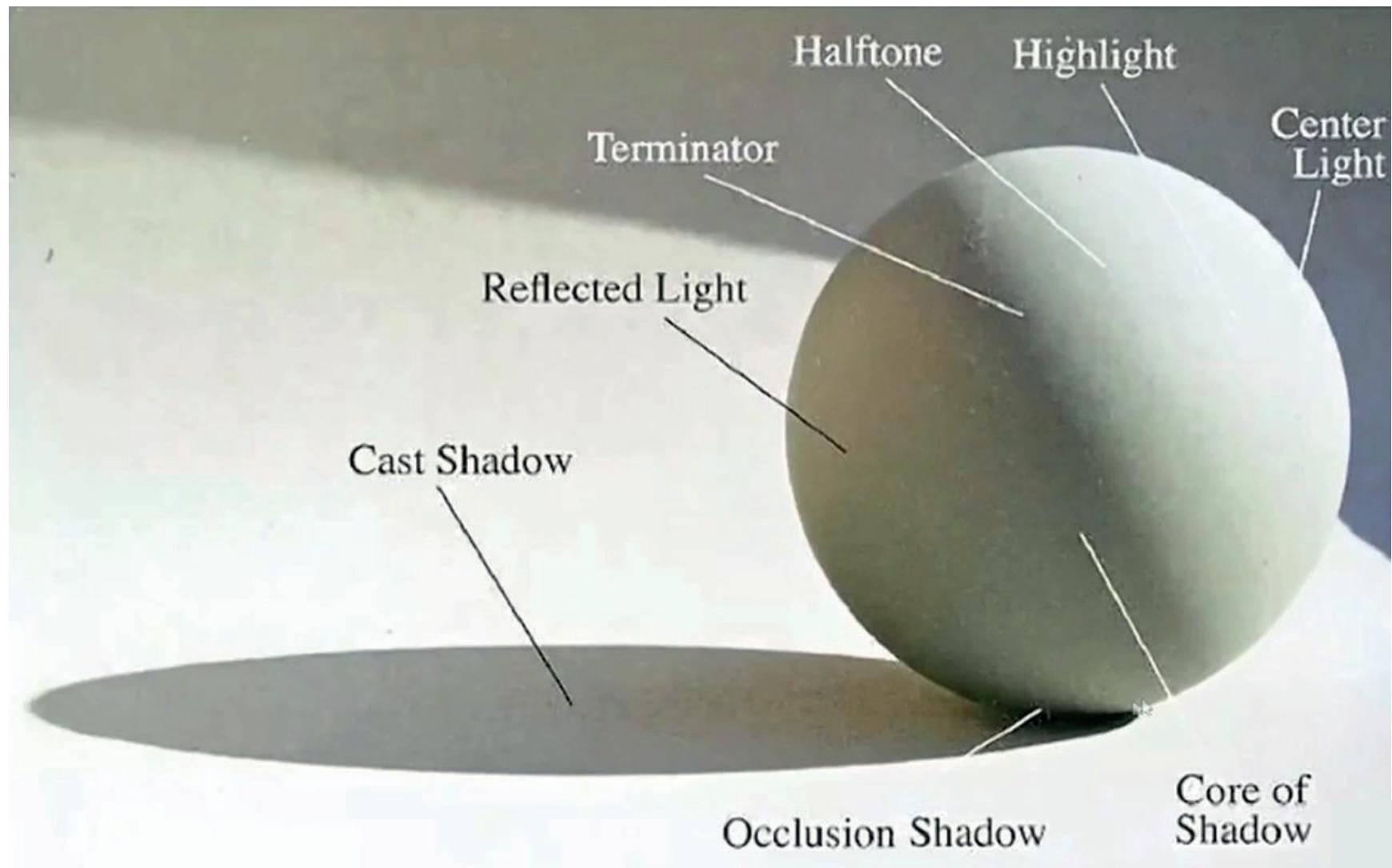
45-degree



Side or 90-degree



## Properties of light: direct (incident)



# Properties of light: direct vs indirect light

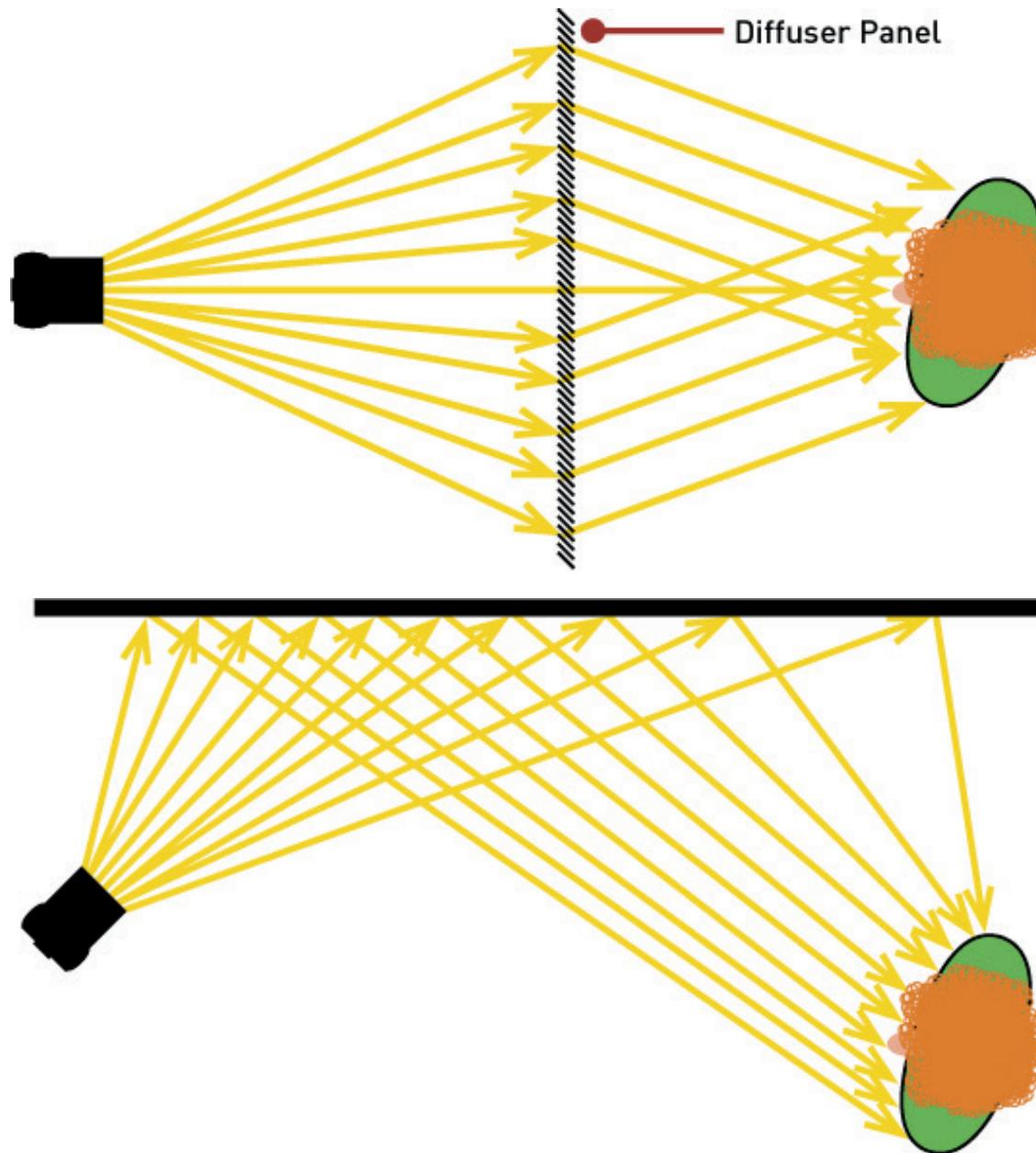


Direct light

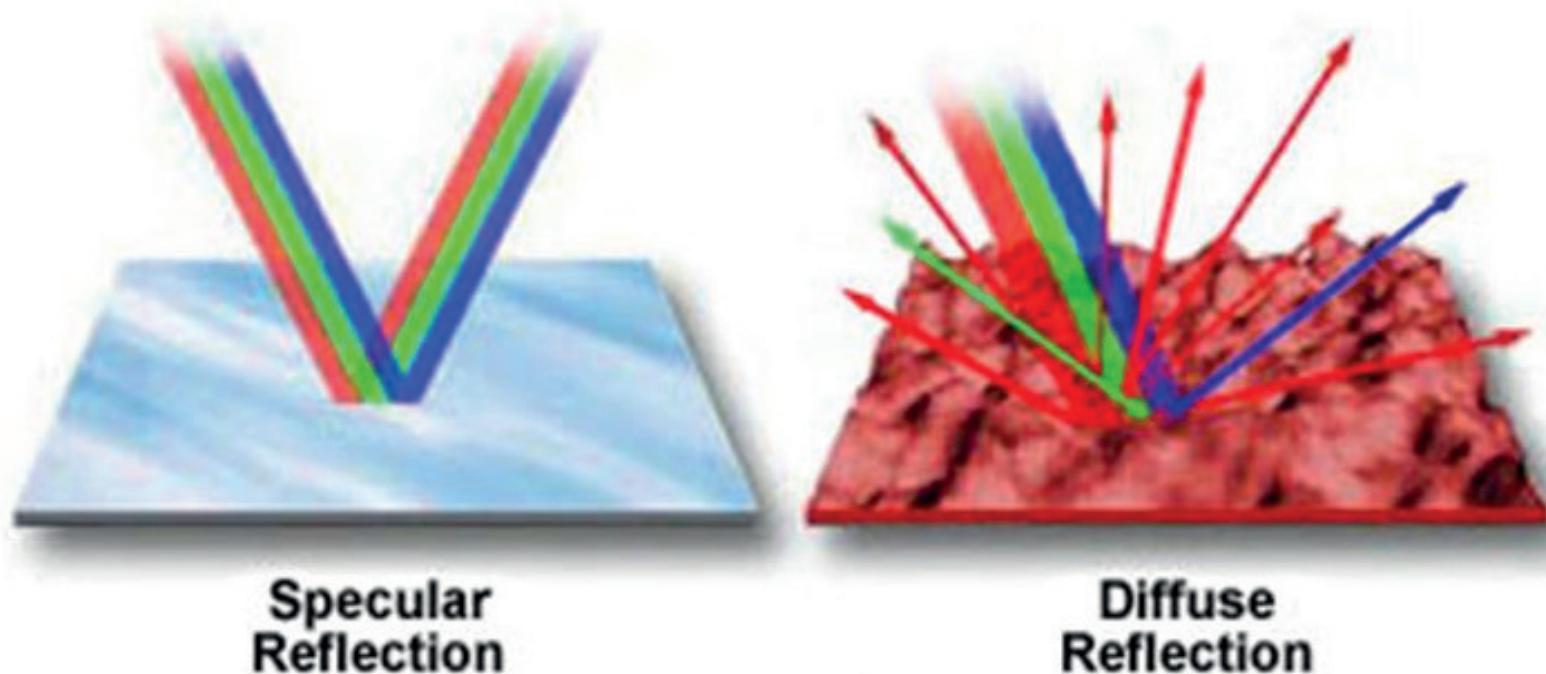


Indirect light

# Indirect light: diffused & bounced light



## Indirect light: bounced light



## Indirect light: diffusing light



## Indirect light: diffusing light



## Indirect natural light: from a window

