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**HOW IT ALL LOOKS IN PRACTICE,
WITH MINIMUM EQUIPMENT (& FREE SOFTWARE)**

HOW IT ALL STARTED...

- ▶ a recording set was made, which set the look&feel of the podcast
- ▶ it was recorded with a mobile phone

DOWNSIDERS

- ▶ inconsistent appearance if recorded with different cell phones
- ▶ poor sound quality

HOW TO IMPROVE

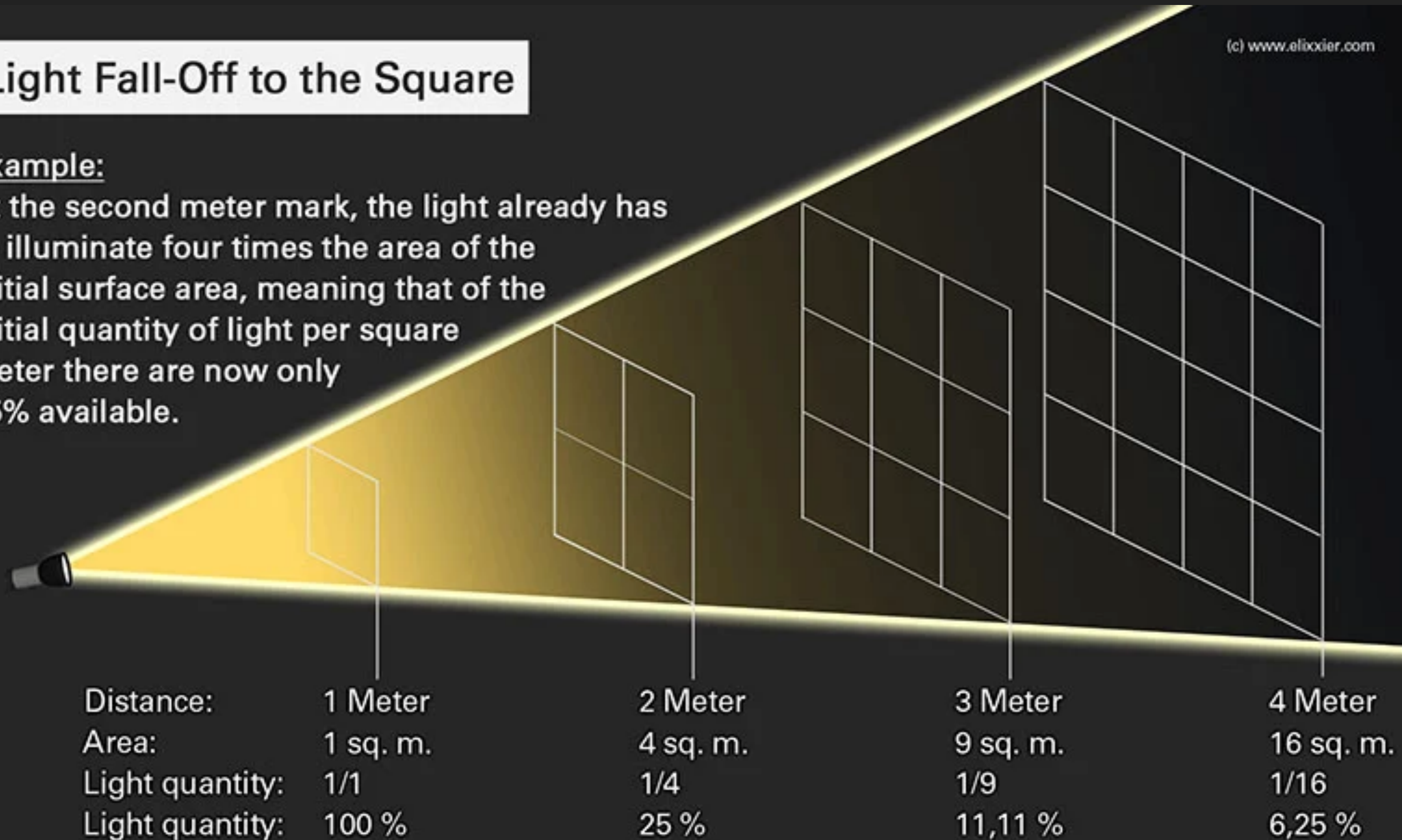
- ▶ by adding continuous light (LED)
- ▶ by modifying the light
- ▶ using a digital camera
- ▶ by adding an extra microphone

WHAT TO PAY ATTENTION TO (WHEN USING LIGHTS)

Light Fall-Off to the Square

Example:

At the second meter mark, the light already has to illuminate four times the area of the initial surface area, meaning that of the initial quantity of light per square meter there are now only 25% available.



PROS AND CONS OF USING NATURAL LIGHT

- ▶ it is difficult to always have the same conditions
- ▶ it can be wonderful at certain times of the day (golden hour, blue hour)
- ▶ limited possibilities of light manipulation
- ▶ it is changeable
- ▶ it depends on weather conditions and time of day

PROS AND CONS OF USING DIGITAL CAMERA

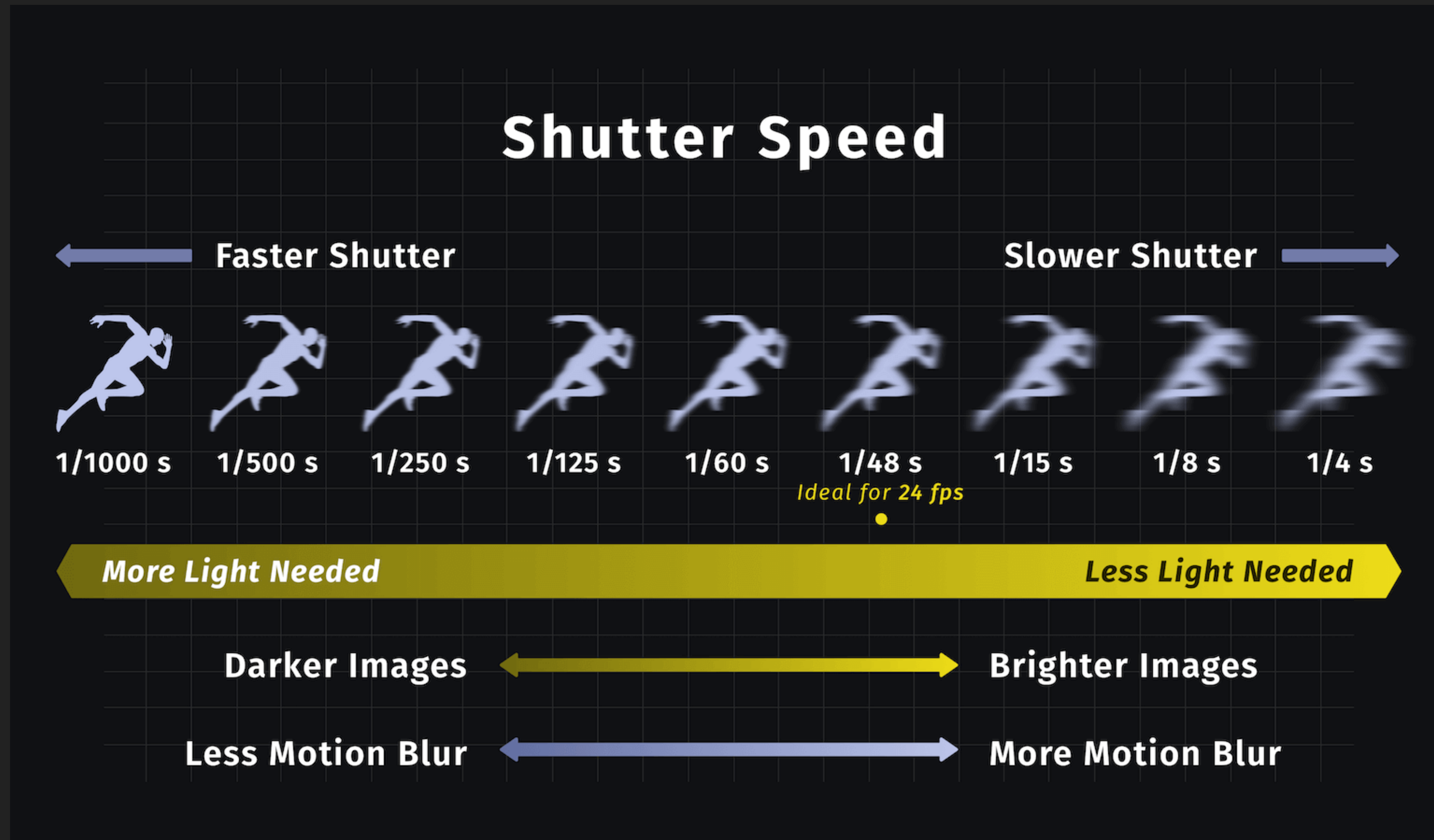
- ▶ control options (exposure triangle)
- ▶ sensor size compared to mobile phones (larger sensor area receives more light)
- ▶ using the same camera makes color matching easier (saving time)
- ▶ cameras get old (which doesn't mean they get worse), but good lenses can be used for a very long time
- ▶ cameras are expensive, especially good lenses

VIDEO SETTINGS

- ▶ 1080p
- ▶ 24 fps
- ▶ Wide lens (cca 28-30mm eq.), f/4
- ▶ 1/50 shutter speed, ISO 400

- ▶ p.s. watch out for overheating

SHUTTER SPEED FOR VIDEO



SOUND RECORDING

- ▶ On camera - external gun / zoom microphone + windscreen (reduces ambient noise)
- ▶ External sound recorder (Zoom H1N) between subjects
- ▶ Wav recording format

1080P OR 4K?

- ▶ most people still don't use 4k monitors
- ▶ smaller files, less demanding for computer processing, storage
- ▶ it is always possible to upscale

EDITING

- ▶ we use free software (DaVinci Resolve)