

# PHOTOS IN LOW LIGHT



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Perfect to print A5 size  
14cm x 21cm / 5.83" x 8.27"

In low light, your options are the use of a wide aperture, higher ISO, slower shutter speed, use of an electronic flash, or possibly the use of a tripod or other camera stabilization.

## ELEMENTS



### CAMERA

When possible, the best option is a lens that offers an aperture of  $f/2.8$  or wider. Image stabilization capability is a huge plus.



### EXTERNAL FLASH

Important for photos of people or objects where deep shadows are a concern.



### TRIPOD

In low light, it may be necessary to use a slower shutter speed, and using a tripod, or a monopod, will help steady the camera.



### REMOTE SHUTTER RELEASE

With long shutter speeds, even pressing the shutter release button can cause blur. With a remote release, there's no need to touch the camera.

## SETTINGS ESSENTIALS

### A / Av APERTURE PRIORITY MODE

Using a large aperture allows more light in. Set the camera on Av mode and choose the largest aperture (f/stop) possible - or use Manual Mode.



### EXPOSURE COMPENSATION

When in an auto exposure mode (Av, Tv, or P), turning the dial to the positive numbers will help increase exposure.

### SLOW SHUTTER SPEED

The longer the shutter is open, the more light comes in. However, it's also more likely to cause camera shake blur. To avoid this, a tripod and a remote shutter release are needed.

### HIGH ISO + RAW

Increasing the ISO is another way to boost the exposure. The increased noise can be fixed in post-processing, especially if shooting RAW.

## SETTINGS GUIDE



### INDOORS

**Tripod:** Generally not needed  
**Ext. Flash:** Possibly  
**ISO:** Mid to High  
**Aperture:** Wide  
**Shutter Speed:** Min 1/60<sup>th</sup>



### HAND-HELD OUTDOORS

**Tripod:** Not needed  
**Ext. Flash:** Possibly  
**ISO:** Mid to High  
**Aperture:** Wide to Mid  
**Shutter Speed:** Min 1/125<sup>th</sup>



### CITY LIGHTS

**Tripod:** Yes  
**Ext. Flash:** Not needed  
**ISO:** Low to Mid  
**Aperture:** Wide to Med  
**Shutter Speed:** Slow



### STARS

**Tripod:** Yes  
**Ext. Flash:** Not needed  
**ISO:** Mid to High  
**Aperture:** Wide to Med  
**Shutter Speed:** Slow to Very Slow