

LOW SPEED PHOTOGRAPHY

BLUEPRINT



APERTURE



Wide Aperture (more light)

Narrow Aperture (less light)

Set the aperture to something between f/5.6 and f/11. This depends on how much of the scene you want in focus.

ISO

100 ··· 200 ··· 400 ··· 640 ··· 800 ··· 1600 ··· 3200

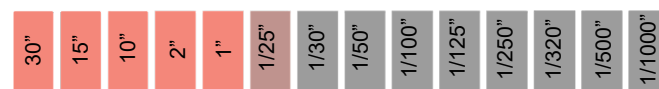
Lower

LIGHT SENSITIVITY

Higher

Keep the iso values as low as possible in order to avoid noise.

SHUTTER SPEED



Blur Motion

Tripod
Recommended

Handheld Ok

Freeze
Motion

Shutter speed can vary from 1 second to 30 seconds and more. You can also set the camera to bulb mode and make adjustments to your shutter speed.

1 STABILITY

You should make sure that your camera and tripod are on a steady surface. Some photographers even put sand bags on the tripod to add some weight to it.



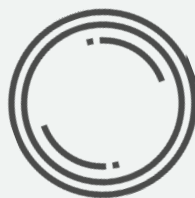
In addition to the extra weight, it can be helpful if you use a remote shutter release - in this case there won't be a need to press the shutter manually. Pressing the shutter always causes some vibration.

TIP:

You can prevent vibration from showing up in the photos by using the shutter delay (at least 2 seconds), but using a remote release is still the best option.

2 ND FILTERS

If you're shooting in daytime lighting conditions, you probably need to add an ND filter. These filters restrict the amount of light allowed into your camera so that you can use an extremely long shutter speed.



ND filters come in different strengths or darkness levels. For every "stop" of ND filter, you halve the amount of light entering the camera. When the light is halved, to maintain the same exposure you need to double your shutter speed.

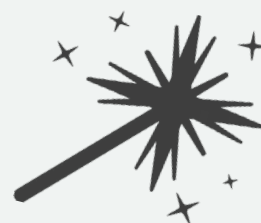
TIP:

If you have more than one ND filter, you can combine the two to get more ND stops for different lighting conditions.

3 THE ESSENTIALS

3 LIGHT PAINTING

Light painting is a photographic technique of moving a light source while taking a long exposure photo, to illuminate a subject or space.



A variety of light sources can be used for light painting, such as candles, matches, fireworks, steel wool or glowsticks.

TIP:

In order to do light painting, you will need to carry a bit of extra equipment and have basic knowledge about your camera's manual settings.