# Irix Edge Full-ND128 filter 82mm

Product series: Irix Edge
Product name: Irix Edge Full-ND128 filter 82mm
Product code: IFE-ND128-82
Size: 82mm x 1.0
EAN: 7640172190852

Top optical quality - the **Irix Edge** filters have been developed based on the **highest quality optical glass** which guarantees the **high light transmission**.

A **multilayer anti-reflective coating** to **minimize the risk of unwanted reflections has been applied on both surfaces** of the filter.

The filter also has a **NANO coating** with **hydro and oil-repellent characteristics.** This means that **dirt does not adhere to its surface** and so maintenance of the filter's purity has been significantly facilitated.

The filter frame is made of **lightweight and durable aluminium**. Its surface has been covered with a **black coating.** This has a special finish that **minimizes the risk of flare**, while being **resistant to damage and scratches**.

Each of Irix Edge filters is packed in an **aesthetic** and **functional** case that provides adequate **protection** both during storage and transportation.




Technical data

| | |
|---|---|
| Filter type | Full-ND Filter |
| Density | ND128 |
| Thread size: | 82mm x 1.0 |
| Additional thread at the top of the frame: | 82mm x 1.0 |
| Frame material | Aluminum |
| Frame thickness (without thread) | 3.5 mm |
| Anti-reflection coating | Both sides, multi-layer |
| Special type coating | double side waterproof and oil repellent NANO coating |

# The Irix Edge round Full-ND Filter

## Powerful & irreplaceable



The **Irix Edge Full-ND** filter is a special type of filter which allows us to **reduce the amount of light reaching the camera sensor,** and so allowing the use of slower shutter speeds.

This filter is available in sizes of **52, 55, 58, 62, 67, 72, 77, 82 and 95mm.**




## Different densities

The **Irix Edge Circular Full-ND** filter comes in different densities so you can choose the filter that matches your needs. Filters range from those that start from a 3 f-stop reduction (ND8) up to 14 f-stop reduction (ND32000), which allows you to achieve **absolutely unique results**.

The filter is available in the following densities:

- **ND8**
- **ND32**
- **ND128**
- **ND1000**
- **ND32000** (95mm filter thread only)

https://www.youtube.com/watch?v=m9Jg-384oUg

## Use fast lenses – without any limits

The **Irix Edge Circular Full-ND** filter allows to **achieve proper exposure when** using fast prime lenses (such as the f/2 and faster) **during the day**. Sometimes even advanced or professional cameras don't offer enough fast shutter speeds or lower ISO because there is **too much light** so **we need to compensate it**.

## Dreamy landscapes - the motion-blur effect



*Most stunning landscape photographs has been taken with this technique – it allows us to add some motion in landscape photography but don't forget to take with you stable tripod!*

This technique is based on long shutter speeds to **blur all those objects that move** in the frame such **as clouds, people, water**, and so on. This technique introduces some movement into the static landscape thus create surreal effect which human eye can't see.

## Make Your video more cinematic



***Hint: if you want to achieve film-look on your videos you'll need to double frames per second (fps) to achieve proper shutter speed. For example 30fps and 1/60s or 60fps and 1/120s.***

Have you ever wonder about why the cinema movie is so different from popular films that we can register on our smartphones? It's mainly because **of the slower shutter speeds** that have been used during the filmmaking so any **movement seems to be more pleasant and**

**natural**. The **Irix Edge Full-ND** filter reduce the amount of light so you're able to use proper exposure time to achieve **eye-catching film look on your movies**.

## The Neutral Density exposure compensation table

| Shutter speed without filter | Type of ND filter | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | **ND2 (0.3)** | **ND 4 (0.6)** | **ND 8 (0.9)** | **ND 16 (1.2)** | **ND 32 (1.5)** | **ND 64 (1.8)** | **ND 128 (2.1)** | **ND 256 (2.4)** | **ND 512 (2.7)** | **ND 1000 (3.0)** | **ND 2048 (3.3)** | **ND 4096 (3.6)** | **ND 10000 (4.0)** | **ND 32000 (5.0)** |
| **1/1000** | 1/500 | 1/250 | 1/125 | 1/60 | 1/30 | 1/15 | 1/8 | 1/4 | 1/2 | 1 | 2 | 4 | 8 | 30 |
| **1/500** | 1/250 | 1/125 | 1/60 | 1/30 | 1/15 | 1/8 | 1/4 | 1/2 | 1 | 2 | 4 | 8 | 15 | 1 min 50 |
| **1/250** | 1/125 | 1/60 | 1/30 | 1/15 | 1/8 | 1/4 | 1/2 | 1 | 2 | 4 | 8 | 15 | 30 | 2 min 11 |
| **1/125** | 1/60 | 1/30 | 1/15 | 1/8 | 1/4 | 1/2 | 1 | 2 | 4 | 8 | 15 | 30 | 1 min | 4 min 22 |
| **1/60** | 1/30 | 1/15 | 1/8 | 1/4 | 1/2 | 1 | 2 | 4 | 8 | 15 | 30 | 1 min | 2 min | 9 min 6 |
| **1/30** | 1/15 | 1/8 | 1/4 | 1/2 | 1 | 2 | 4 | 8 | 15 | 30 | 1 min | 2 min | 4 min | 18 min |
| **1/15** | 1/8 | 1/4 | 1/2 | 1 | 2 | 4 | 8 | 15 | 30 | 1 min | 2 min | 4 min | 8 min | 36 min |
| **1/8** | 1/4 | 1/2 | 1 | 2 | 4 | 8 | 15 | 30 | 1 min | 2 min | 4 min | 8 min | 16 min | 1 hr 8 min |
| **1/4** | 1/2 | 1 | 2 | 4 | 8 | 15 | 30 | 1 min | 2 min | 4 min | 8 min | 16 min | 32 min | 2 hr 16 min |
| **1/2** | 1 | 2 | 4 | 8 | 15 | 30 | 1 min | 2 min | 4 min | 8 min | 16 min | 32 min | 1 hr 4 min | 4 hr 33 min |
| **1** | 2 | 4 | 8 | 15 | 30 | 1 min | 2 min | 4 min | 8 min | 16 min | 32 min | 1 hr 4 min | 2 hr 8 min | 9 hr 6 min |