Irix Edge Full-ND32 filter 77mm

Product series: Irix Edge
Product name: Irix Edge Full-ND32 filter 77mm
Product code: IFE-ND32-77
Size: 77mm x 1.0
EAN: 7640172190678

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	ND32
Thread size:	77mm x 1.0
Additional thread at the top of the frame:	77mm 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