

[IRIX]

PRODUCT RANGE





The **photographer's dream.**

Built by engineers, perfected by designers with maximum functionality and powered by innovative technology. While designing **Irix** we have paid particular attention to every detail

that counts in photography.

Whether it is shooting landscapes, street photo, sports or capturing architectural curves and circles, we want to be sure that we provide a lens that is **solid, intuitive, accurate** and **handy.**



"The Irix 15mm f/2.4 is a pleasure to use, thanks to its superb build quality, smooth focus ring & hyperfocal scale"

Photography blog

"This lens may be the ideal gift for a photographer who seems to have everything"

The Digital picture

"I was incredibly surprised at the quality of the Irix and can easily say it is an excellent lens."

Digitalrev

"The Irix 11mm f/4 Blackstone is a lens that impresses me a whole lot."

The Phoblographer

"It opens up a whole new world of creative possibilities in a well-made, well-designed package that delivers the image quality."

The Digital Picture

"(...) this is probably one of the best lenses with which I have ever worked (...)"

Rex Jones, Fstoppers



TECHNOLOGIES AND SOLUTIONS

Front filter thread

Irix 15mm f/2.4 gives a possibility of using 95mm screw-in filters at the front.

Focus lock

Focus lock function holds focusing ring at desired position and prevents from its accidental rotation. This function works perfectly for **hiking** and **street photography**.

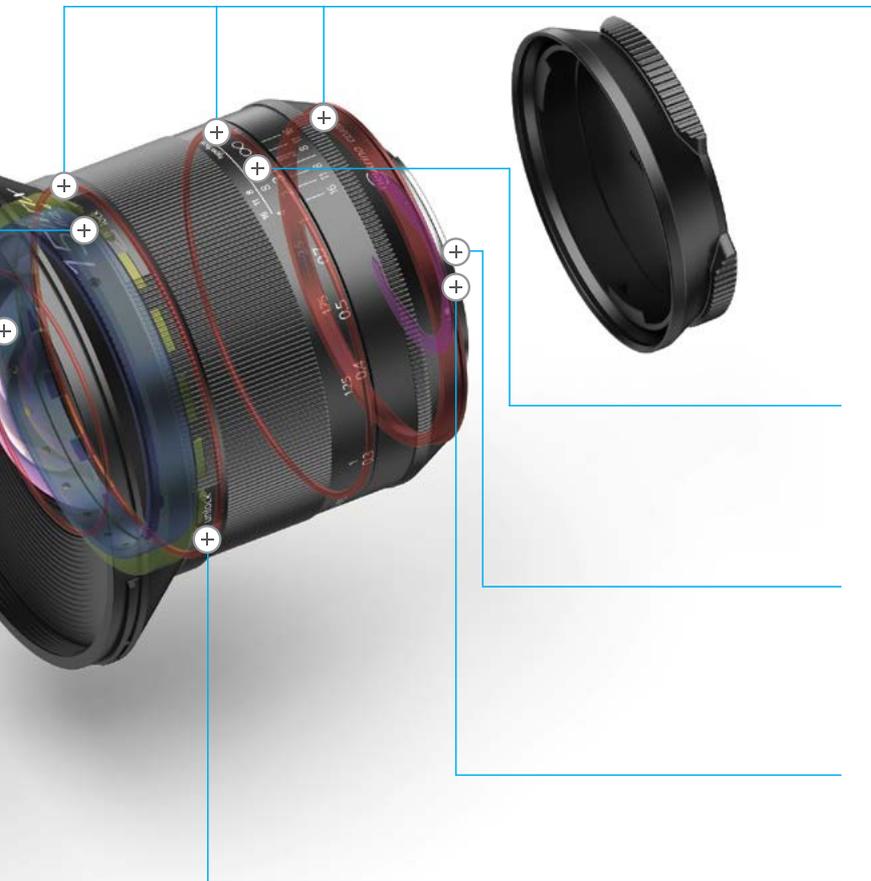
Filter window

For a more convenient use, petal lens hood has a moveable window that enables operating rotatable filters without removing lens hood.

Neutrino coating formula

Neutrino coating is a special formula, which is combined with several types of anti-reflective layers that provide perfect light transmission, high contrast and natural colors.





Weather sealings

Irix 15mm f/2.4 lenses are made with phenomenal precision, allowing them to be used in even the hardest weather conditions. Each lens is equipped with a weather sealed construction that protects the interior against dust and moisture. Thanks to inner seals, our lenses are also protected from accidental water splashes.

Infinity click

When the focusing ring is set in the “infinity” position, there is a noticeable “click” (infinity click), making it easy to find the value without looking. This function is ideal for nightscape photography because it allows getting perfect focus at infinity without looking at focusing scale.

Rear gelatin filter slot

Irix lenses are equipped with a slot for gelatin filters what increases versatility of the lens. Thanks to this fact the user has an ability of application both filters **simultaneously** (one in the front and the second one in the back of the lens for ex. polarizer filter in front and ND filter in the back). The size of gelatin filter slot is 30x30mm.

Electronic aperture control

Electronic aperture control simplifies the use of lens and allows to store aperture value in Exif.

Focus scale calibration

Each Irix lens that leaves the factory is properly calibrated. However, focus scale calibration function provides the unique opportunity to adjust the focus scale for a particular model of the camera.

SAME OPTICS DIFFERENT HOUSING



Firefly

- › Lightweight housing with aluminium internal frame
- › Focusing ring covered with anti-slip coating
- › Standard printed markings
- › Essential dust and moisture protection (3 sealings)
- › Supplied with a soft pouch



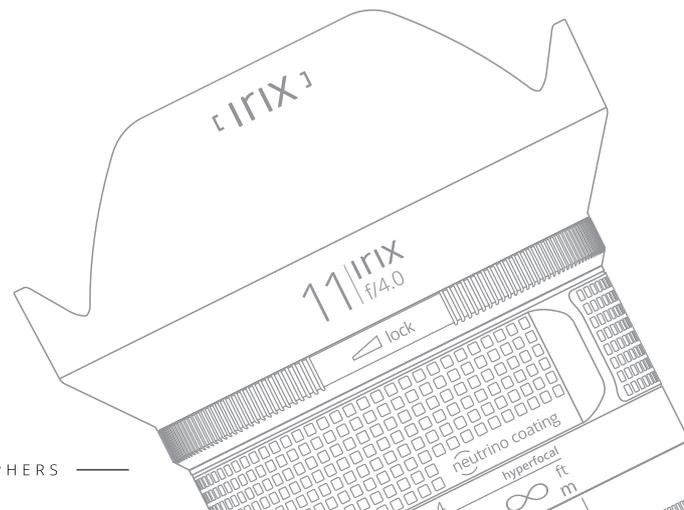
Blackstone

- › Aluminium internal construction and magnesium housing with anti-scratch finish
- › All-metal anodized focusing ring with grooved surface
- › High class engraved markings covered with UV light reactive paint
- › Essential dust and moisture protection (3 sealings)
- › Supplied with a convenient hard-case

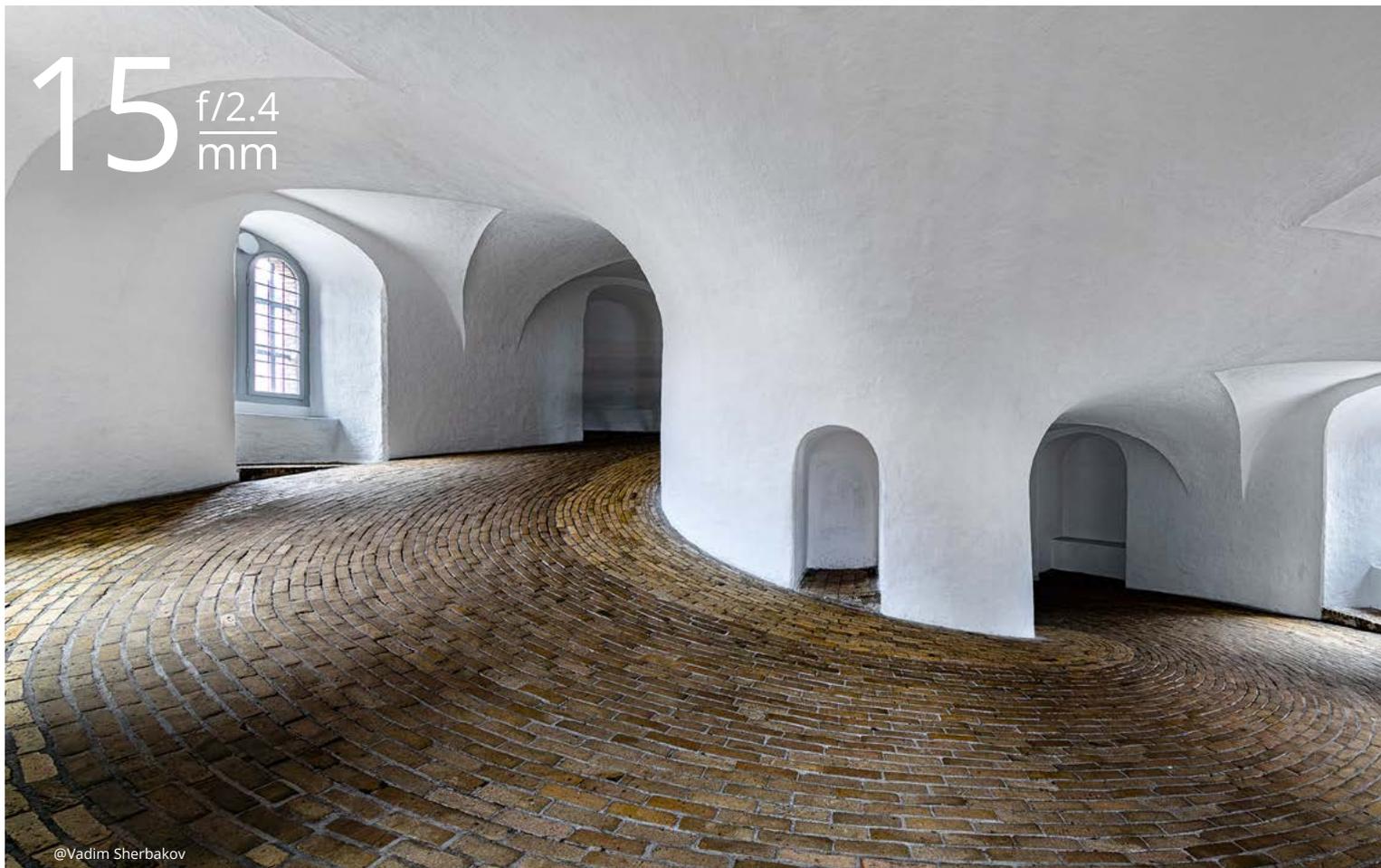


The extremely wide Full Frame **rectilinear** lens with an angle of view of **126°**. 4 high refractive lenses, 2 ED lenses, 3 aspherical lenses guarantee a **very low distortion** of 3,13% which makes this lens **unique** in its class.

The **Focus Lock** system, special weather and dust sealing, the **Infinity click**, a rear filter slot and UV reactive markings (Blackstone version) are all combined in the solid aluminium alloy construction that makes **Irix 11 mm** lens unbeatable tool for landscape, architecture, nightscape and extreme photography.



15 $\frac{f/2.4}{\text{mm}}$



@Vadim Sherbakov

SAME OPTICS DIFFERENT HOUSING

The **rectilinear** Full Frame super-wide angle lens with an angle of view of **110°**. The detachable lens hood along with the filter window for a better control and comfort of use and the 95 mm filter thread make this lens the best in its class tool for professional photographers. 3 high refractive lenses, 2 ED lenses, 2 aspherical lenses guarantee a **very low distortion**.

The **Focus Lock** system, special weather and dust sealing, the infinity click, a rear filter slot and UV reactive markings (Blackstone version) are all combined in the solid aluminium alloy construction that makes **Irix** the best companion in every photographic situation.



Firefly

- › The lightest in its class
- › Anti-slip coating on focusing ring
- › Standard printed markings
- › Essential dust and moisture protection (3 sealings)
- › Supplied with a soft pouch



Blackstone

- › Aluminium internal construction and magnesium housing with anti-scratch finish
- › All-metal anodized
- › All-metal focusing ring with grooved surface
- › Engraved markings covered with UV reactive paint
- › Superior dust and moisture protection (4 sealings)
- › Supplied with a convenient hard-case

NEW

150

Macro
f/2.8
mm

Modern and versatile macro telephoto lens designed for **full-frame** high-resolution DSLR cameras. Its **large aperture** of **f/2.8** facilitates shorter exposure times, while its moderately long **focal length** of **150mm** provides an excellent compromise between the narrow viewing angle desired in advertising and portrait photography, and the convenience of hand-held photography.

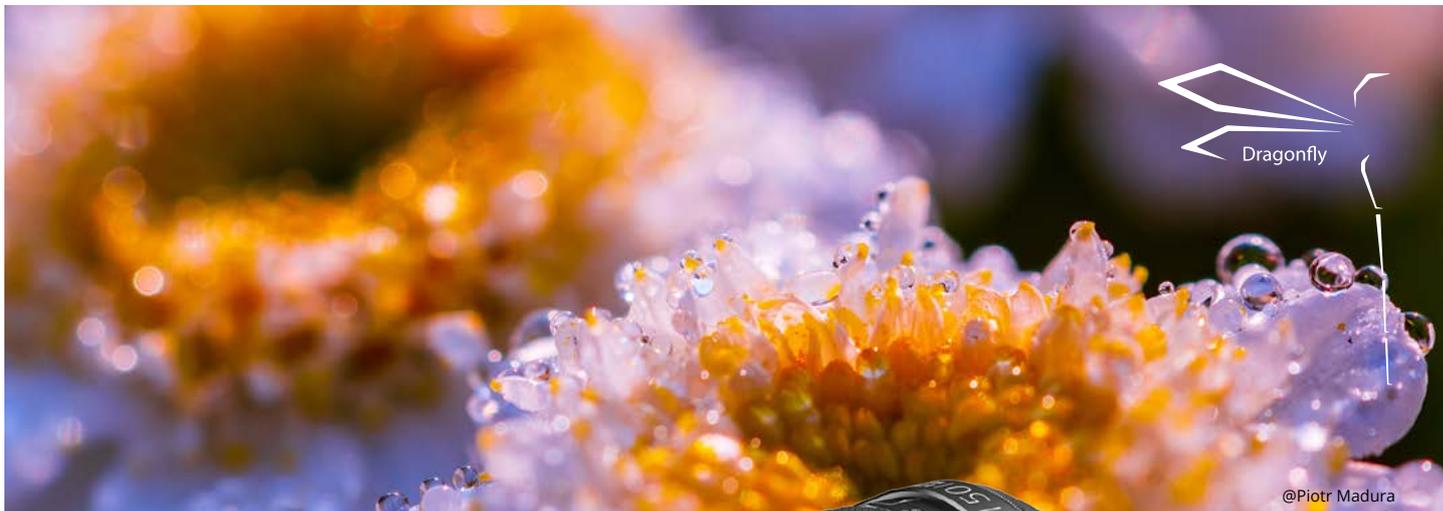
The lens is equipped with an aperture mechanism consisting of **11 aperture blades** with a rounded shape which provides a pleasant blur of background and points of light. In the case of studio and macro photography, this number of aperture blades makes the diffraction phenomenon appear much later, which ensures a clearly greater detail of the image.

The unique feature of the **Irix 150mm f/2.8** lens is the **1:1 Macro reproduction ratio** already available at a focusing distance of 0,345m. High precision of focusing across the entire range is ensured by a wide, rubber-coated **focus ring** with a **rotational angle of 270°**. An additional Focus Lock ring ensures that the focus position remains fixed when needed.

The **Irix 150mm f/2.8 Macro 1:1** uses a total of **five rubber seals** and a number of other improvements that further protect the interior of the lens and allows shooting in **extreme weather conditions**.

The lens is equipped with a **detachable tripod collar ring**, making it easier when needing to place the camera vertically onto the tripod in order to take portrait shots, and so providing a better balance of the camera with the attached lens.





150 ^{Macro}
f/2.8
mm

The **Dragonfly** version

The **Irix 150mm f/2.8 Macro 1:1** is the first lens available in the new **Dragonfly** series, which combines the lightness and perfect ergonomics of the **Firefly** and the durable magnesium housing used in the **Blackstone**.



Dragonfly

- › Lightened Aluminium internal frame
- › Lightweight composite housing reinforced with Al-Mg alloy and anti-scratch finish
- › Anti-slip coating on focusing ring
- › Engraved markings covered with UV reactive paint
- › Superior dust and moisture protection (5 sealings)
- › Supplied with a convenient hard-case

IRIX LENSES LINE UP

11 $\frac{f/4.0}{\text{mm}}$

SPECIFICATION

image format	35 mm "Full Frame"
focal length	11 mm
aperture range	f/4.0 - f/22
focusing range	0,27 m (0.9 ft) - ∞
focusing type	manual with lock function
field of view	126° (diagonal)
aperture control	via camera
aperture shape	9 rounded blades
lens construction	16 elements in 10 groups
front filter thread	no
rear gelatin filter slot	30 x 30 mm
available mounts	Canon EF, Nikon F, Pentax K
dimensions (D x L)	118 x 103 mm (4.49" x 4.05")
weight	730 - 790 g (1.61 - 1.74 lbs)

15 $\frac{f/2.4}{\text{mm}}$

SPECIFICATION

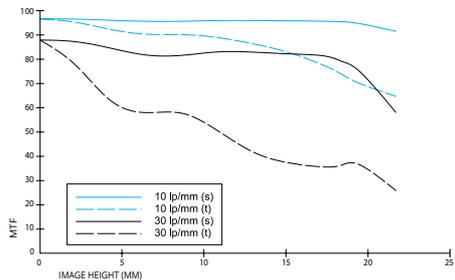
image format	35 mm "Full Frame"
focal length	15 mm
aperture range	f/2.4 - f/22
focusing range	0,28 m (0.92 ft) - ∞
focusing type	manual with lock function
field of view	110° (diagonal)
aperture control	via camera
aperture shape	9 rounded blades
lens construction	15 elements in 11 groups
front filter thread	95 mm
rear gelatin filter slot	30 x 30 mm
available mounts	Canon EF, Nikon F, Pentax K
dimensions (D x L)	114 x 100 mm (4.49" x 3.94")
weight	581 - 685g (1.28 - 1.51lbs)

150 $\frac{\text{Macro } f/2.8}{\text{mm}}$

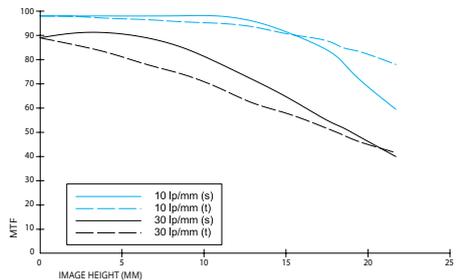
SPECIFICATION

image format	35 mm "Full Frame"
focal length	150 mm
aperture range	f/2.8 - f/32
focusing range	0,345 m (1.1 ft) - ∞
focusing type	manual with lock function
field of view	16,2° (diagonal)
aperture control	via camera
aperture shape	11 rounded blades
lens construction	12 elements in 9 groups
front filter thread	77 mm
macro ratio	1:1 (at 0,345 m)
available mounts	Canon EF, Nikon F, Pentax K
dimensions (D x L)	87 x 128 mm (3.43" x 5.04")
weight	840 g (1.81 lbs)

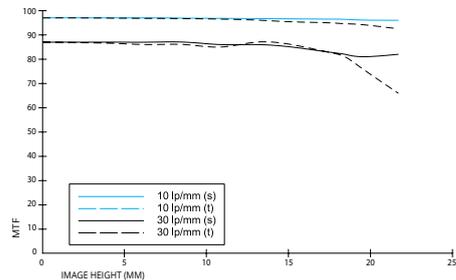
11 $\frac{f}{4.0}$ mm



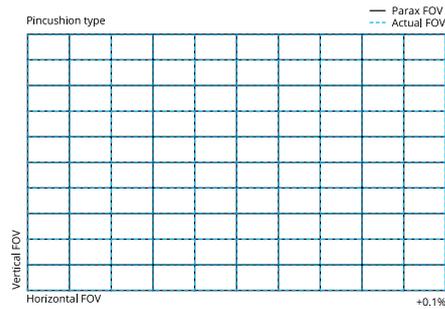
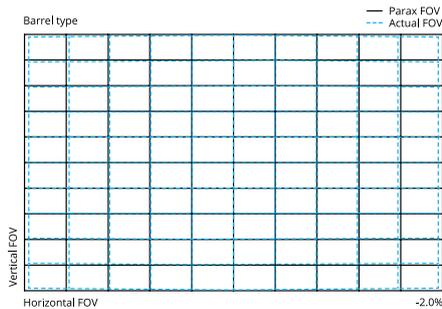
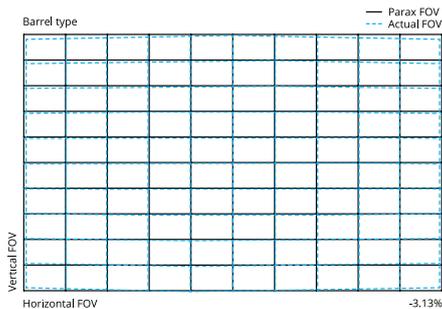
15 $\frac{f}{2.4}$ mm



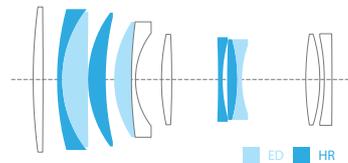
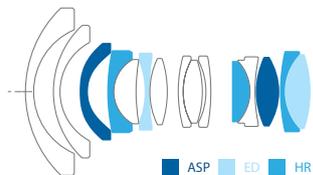
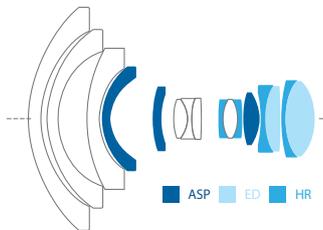
150 $\frac{\text{Macro } f}{2.8}$ mm



DIFFRACTION MTF



DISTORTION



OPTICAL SCHEME



@Paweł Klarecki



〔 I R I X 〕

✚ Swiss Design
Made in Korea

irixlens.com

v 1.18