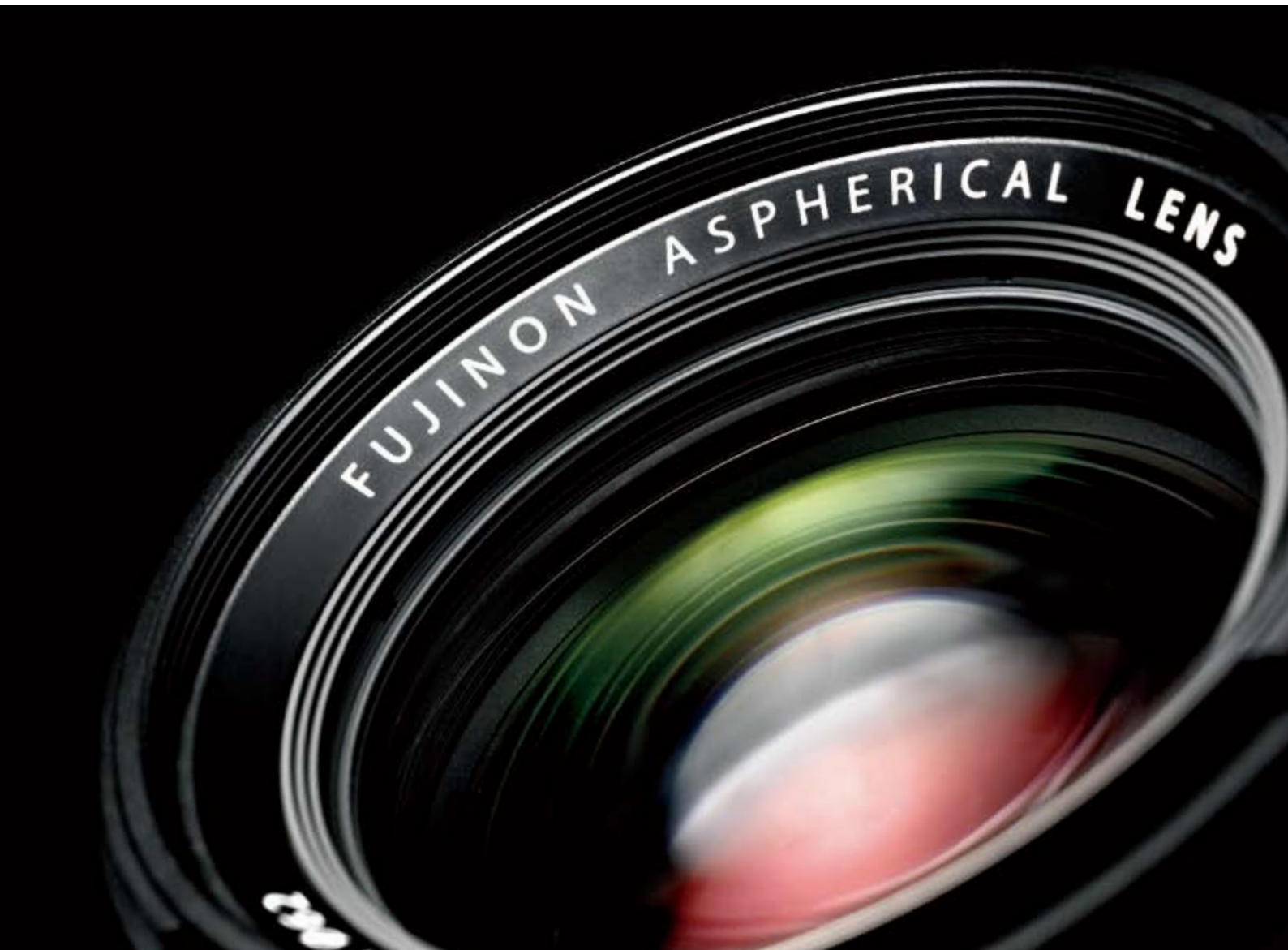


FUJIFILM
Value from Innovation

X MOUNT
L E N S E S




The Fujifilm X MOUNT range: the lineup of new lenses achieves the highest image quality across the widest variety of scenes

Designed to perfectly complement X series bodies.

Created in tandem with X series cameras, simultaneous development of the sensor and lenses allows Fujifilm XF and XC models to offer the perfect blend of quality and handling. Currently consisting of 12 lenses, from fixed focal length versions aimed at specific subjects, to versatile and mobile zooms, even more lenses are scheduled for launch, offering an even greater range of shooting options. All X series lenses offer high resolution and edge-to-edge sharpness, while their wide apertures allow expressive shots, all the while keeping the size compact.



XF14mmF2.8 R	XF18mmF2 R	XF23mmF1.4 R	XF27mmF2.8	XF35mmF1.4 R	XF56mmF1.2 R	XF60mmF2.4 R Macro	XF10-24mmF4 R OIS	XF18-55mmF2.8-4 R LM OIS	XF55-200mmF3.5-4.8 R LM OIS	XC16-50mmF3.5-5.6 OIS	XC50-230mmF4.5-6.7 OIS
→ P.6	→ P.8	→ P.10	→ P.12	→ P.14	→ P.16	→ P.18	→ P.20	→ P.22	→ P.24	→ P.26	→ P.27
<ul style="list-style-type: none"> Lens configuration 10 elements in 7 groups (includes 2 aspherical and 3 extra-low dispersion elements) Focal length (35mm format equivalent) f=14mm (21mm) Angle of view/90.8° Max. aperture/F2.8 Min. aperture/F22 Focus range Normal:30cm - ∞ Macro:18cm - ∞ Max. magnification/0.12x 	<ul style="list-style-type: none"> Lens configuration 8 elements in 7 groups (includes 2 aspherical elements) Focal length (35mm format equivalent) f=18mm (27mm) Angle of view/76.5° Max. aperture/F2.0 Min. aperture/F16 Focus range Normal:0.8m - ∞ Macro:18cm - 2.0m Max. magnification/0.14x 	<ul style="list-style-type: none"> Lens configuration 11 elements in 8 groups (includes 1 aspherical elements) Focal length (35mm format equivalent) f=23mm (35mm) Angle of view/63.4° Max. aperture/F1.4 Min. aperture/F16 Focus range Normal:0.6m - ∞ Macro:28cm - ∞ Max. magnification/0.1x 	<ul style="list-style-type: none"> Lens configuration 7 elements in 5 groups (includes 1 aspherical elements) Focal length (35mm format equivalent) f=27mm (41mm) Angle of view/55.5° Max. aperture/F2.8 Min. aperture/F16 Focus range Normal:0.6m - ∞ Macro:34cm - ∞ Max. magnification/0.1x 	<ul style="list-style-type: none"> Lens configuration 8 elements in 6 groups (includes 1 aspherical elements) Focal length (35mm format equivalent) f=35mm (53mm) Angle of view/44.2° Max. aperture/F1.4 Min. aperture/F16 Focus range Normal:0.8m - ∞ Macro:28cm - 2.0m Max. magnification/0.17x 	<ul style="list-style-type: none"> Lens configuration 11 elements in 8 groups (includes 1 aspherical and 2 extra-low dispersion elements) Focal length (35mm format equivalent) f=56mm (85mm) Angle of view/28.5° Max. aperture/F1.2 Min. aperture/F16 Focus range Normal:0.7m - ∞ Macro: 0.7m - 3m Max. magnification/0.09 x 	<ul style="list-style-type: none"> Lens configuration 10 elements in 8 groups (includes 1 aspherical and 1 extra-low dispersion elements) Focal length (35mm format equivalent) f=60mm (91mm) Angle of view/26.6° Max. aperture/F2.4 Min. aperture/F22 Focus range Normal:0.6m - ∞ Macro:26.7cm - 2.0m Max. magnification/0.5x 	<ul style="list-style-type: none"> Lens configuration 14 elements in 10 groups (includes 4 aspherical and 4 extra-low dispersion elements) Focal length (35mm format equivalent) f=10-24mm (15-36mm) Angle of view/110°-61.2° Max. aperture/F4 Min. aperture/F22 Focus range Normal:0.5m - ∞ Macro: 24cm - ∞ Max. magnification/ 0.16x(Telephoto) 	<ul style="list-style-type: none"> Lens configuration 14 elements in 10 groups (includes 3 aspherical and 1 extra-low dispersion elements) Focal length (35mm format equivalent) f=18-55mm (27-84mm) Angle of view/76.5°-29.0° Max. aperture/F2.8-F4.0 Min. aperture/F22 Focus range Normal:0.6m - ∞ (whole zoom position) Macro:[Wide]30cm - 10m [Telephoto]40cm - 10m Max. magnification/ 0.15x(Telephoto) 	<ul style="list-style-type: none"> Lens configuration 14 elements in 10 groups (includes 1 aspherical and 2 extra-low dispersion elements) Focal length (35mm format equivalent) f=55-200mm (84-305mm) Angle of view/29.0°-8.1° Max. aperture/F3.5-F4.8 Min. aperture/F22 Focus range Normal:1.1m - ∞ Macro:1.1m - 3m Max. magnification/ 0.18x(Telephoto) 	<ul style="list-style-type: none"> Lens configuration 12 elements in 10 groups (includes 3 aspherical and 1 extra-low dispersion elements) Focal length (35mm format equivalent) f=16-50mm (24-76mm) Angle of view/83.2°-31.7° Max. aperture/F3.5-F5.6 Min. aperture/F22 Focus range Normal:0.6m - ∞ (whole zoom position) Macro:[Wide]30cm - 10m [Telephoto]40cm - 10m Max. magnification/ 0.15x(Telephoto) 	<ul style="list-style-type: none"> Lens configuration 13 elements in 10 groups (includes 1 aspherical and 1 extra-low dispersion elements) Focal length (35mm format equivalent) f=50-230mm (76-350mm) Angle of view/31.7°-7.1° Max. aperture/F4.5-F6.7 Min. aperture/F22 Focus range Normal:1.1m - ∞ Macro:1.1cm - 3m Max. magnification/ 0.2x(Telephoto)

The Expressive power of **X MOUNT** lenses
and their superb image quality can be seen in the work of “ X-Photographers”



Filled with beautiful, creative images, the “X-Photographers” online gallery presents the outstanding work of photographers embracing Fujifilm’s X series all around the world. You’ll discover the highly detailed and expressive results from XF/XC lenses and be amazed by the stunning image quality achieved through X series cameras. In this brochure you can enjoy the results of XF and XC lenses through the work of “X-Photographers”, and see how they allow the fundamental pleasures of photography to be enjoyed.

“ X-Photographers”

Images and stories in the “X-Photographers” online gallery are from professionals who regularly use XF and XC lenses. The community has spread to 204 people in 44 countries around the world*.
*as of January 2014.

<http://fujifilm-x.com/photographers/>

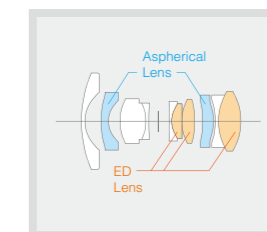


X-Pro1 : F5.7 1/300sec. ISO500

XF14mmF2.8 R

HT-EBC Aspherical Lens ED Lens 1/3 EV Step Ring

Lens configuration	10 elements in 7 groups (includes 2 aspherical and 3 extra-low dispersion elements)
Focal length (35mm format equivalent)	f=14mm (21mm)
Angle of view	90.8°
Max. aperture	F2.8
Min. aperture	F22
Aperture control Number of blades	7 (rounded diaphragm opening)
Stop size	1/3EV (19 steps)
Focus range	Nominal : 30cm - ∞ Macro : 18cm - ∞
Max. magnification	0.12x
External dimensions	∅65.0mm x 58.4mm
Weight	235g (excluding caps and hoods)
Filter size	∅58mm



Clear, high-resolution,
high-contrast images
from edge to edge

This super-wide angle lens produces a truly extraordinary view of the world. With an angle of view that's greater than 90° and virtually none of the distortions that normally affect wide-angle lenses, thanks to its optical compensation alone, dynamic compositions are within easy reach. With high resolution maintained from the center to the edges, it's the perfect partner for richly detailed landscapes and emotive architectural scenes. What's more, smooth bokeh is achieved when focusing close to the lens at its maximum apertures and its "distance index" and "depth-of-field scale" can be used to improve manual focusing.

“ The XF14mm F2.8R is a great all-round lens for photojournalists. It works in a wide range of shooting situations and gives the equivalent to a 21mm on my X-Pro1. The overall sharpness is excellent, even at F2.8, and it's easy to switch the lens to manual focus. An even wider maximum aperture may have been useful to be able to isolate the subject from the background, but the resolution from the sensor is very good so it's easy to crop in on shots. In conclusion, it offers excellent sharpness, even at F2.8; there's no need for any additional sharpening with software and the focal length is ideal for photojournalists. ”

— Olivier Polet



Photographer_

Olivier Polet / Belgium

Beginning his professional career as a press photographer in 1990, he has also worked as the official photographer of the Belgian Royal family. His images include a diverse range of themes and, as well as working with Belgian press agencies as a reporter, he has had many books published.





Single-focal Length Wide Angle Lens

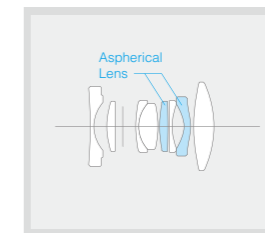
XF18mmF2 R

HT-EBC Aspherical Lens Focusing ALG 1/3 EV Step Ring

Lens configuration	8 elements in 7 groups (includes 2 aspherical elements)
Focal length (35mm format equivalent)	f=18mm (27mm)
Angle of view	76.5°
Max. aperture	F2.0
Min. aperture	F16
Aperture control Number of blades	7 (rounded diaphragm opening)
Stop size	1/3EV (19 steps)
Focus range	Normal : 0.8m-∞ Macro : 18cm-2.0m
Max. magnification	0.14x
External dimensions	∅64.5mm x 33.7mm
Weight	116g(excluding caps and hoods)
Filter size	∅52mm

“ The XF18mm lens combines a lightweight and compact design with an ideal focal length and fast autofocus. It helps me capture unexpected and exciting moments when I'm travelling and delivers images with great detail and clarity. No surprise, then, that it's found a permanent spot in my camera bag. ”

James Gao



Shoot everything from landscapes to group shots with wonderful detail and crisp, clear details

At an equivalent of 27mm, this lens can easily be used for a range of subjects from striking wide-angle landscapes to dramatic street photography. Although small enough not to weigh you down it packs in a large F2 maximum aperture allowing you to shoot in low-light conditions without camera shake, as well as freeze moving subjects. Delicate subjects are rendered with richly graduated tones, razor-sharp focus is achieved in finely textured details like fabric, fur and bird feathers, and to top it off, smooth bokeh ensures the lens is well suited to portraits, too.



Photographer_

James Gao / China

A state accredited leading photographer in China whose photography style underscores casual documentation of people and culture. Since 2001 he has taken his photography with him through many countries and regions, during which he also taught photography for various equipment brands as well as colleges in China. He held a solo exhibition in 2002, and collections of his works have also been published.



← X-M1 : F2.8 1/1250sec. ISO200

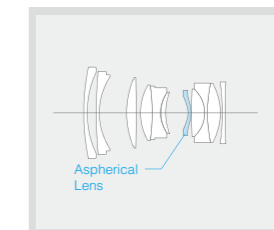


X-M1 : F1.4 1/125sec. ISO640

XF23mmF1.4 R

HT-EBC Aspherical Lens 1/3 EV Step Ring

Lens configuration	11 elements in 8 groups (includes 1 aspherical elements)
Focal length (35mm format equivalent)	f=23mm (35mm)
Angle of view	63.4°
Max. aperture	F1.4
Min. aperture	F16
Aperture control Number of blades	7 (rounded diaphragm opening)
Stop size	1/3EV (22 steps)
Focus range	Nomal : 0.6m - ∞ Macro : 28cm - ∞
Max. magnification	0.1x
External dimensions	∅ 72.0mm x 63.0mm
Weight	300g (excluding caps and hoods)
Filter size	∅62mm



Turn everyday scenes into art
with this F1.4 lens's elegant bokeh

Presenting a classic 35mm focal length with an angle-of-view that closely matches the human eye, this lens is ideally suited to documentary shots, candid street photography and full-length portraits. Its compact size belies the fast F1.4 maximum aperture within, which provides a beautifully shallow depth-of-field and large bright bokeh, as well as aiding low light shooting. The 23mm lens also provides a “distance index” and “depth-of-field” scale allowing precise manual focusing.

“ The XF23mm lens has introduced the opportunity for me to shoot with the X-Series of cameras at my favourite focal length. The 35mm equivalent view is very close to natural human vision and as such it allows me to produce images that are highly representative of our visual perception of the world around us. Coupled with the extremely fast aperture of f/1.4 means it has the perfect combination of low light performance and perfect focal length. It's a lens that allows me to shoot portraits, wedding or street photography and all very comfortably. ”

— Kevin Mullins



Photographer_
Kevin Mullins / UK

Since starting as a professional wedding photographer in 2008, he has shot for clients all over Europe, with his reportage style adding a much-admired documentary flavor and creating a unique story of the event.



Single-focal Length Wide Angle Lens

“ Small and lightweight, the XF27mm F2.8 is the perfect lens. Made without structural or optical compromises, it's ideal for the photographer who wants a small system camera, but doesn't want to reduce picture quality. I like to work with just one lens so I can concentrate on making the most of the photographic situations I come across. No matter what I photograph, how many people I meet on the street or the places I visit, this lens allows me to concentrate purely on taking pictures. ”

————— *Massimiliano Angeloni*



Photographer_

Massimiliano Angeloni / Italy

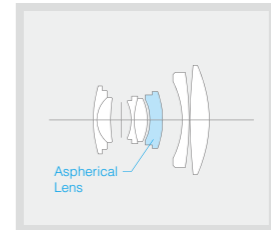
Living in Rome and shooting reportage, weddings, fashion and photo novels, he runs workshops and seminars on digital photography, lighting and portraits. He also established the film company Riffessifotografici.com in 2010.

XF27mm F2.8

HT-EBC

Aspherical Lens

Lens configuration	7 elements in 5 groups (includes 1 aspherical elements)
Focal length (35mm format equivalent)	f=27mm (41mm)
Angle of view	55.5°
Max. aperture	F2.8
Min. aperture	F16
Aperture control Number of blades	7 (rounded diaphragm opening)
Stop size	1/3EV (16 steps)
Focus range	Normal: 0.6m-∞ Macro: 34cm-∞
Max. magnification	0.1x
External dimensions	∅61.2mm x 23.0mm
Weight	78g(excluding caps and hoods)
Filter size	∅39mm



The smallest, lightest lens in the X series will free your photography

At just 78g and thin enough to slip in your pocket, this lens is the perfect match for smaller bodies such as the X-M1, instantly creating a compact, light and versatile camera that you can take anywhere. High-speed and smooth AF is achieved thanks to its light lens elements and high-torque DC coreless motor, while the F2.8 aperture offers extremely high resolution when shooting wide open. The 41mm equivalent focal length also makes it the most adaptable lens, equally suited to portraits, landscapes and architecture.



X-M1 : F2.8 1/4000sec. ISO200



Single-focal Length Large Aperture Standard Lens

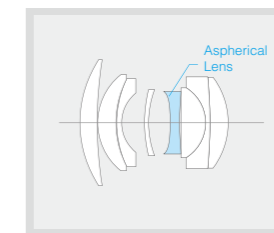
XF35mmF1.4 R

HT-EBC Aspherical Lens Focusing ALG 1/3 EV Step Ring

Lens configuration	8 elements in 6 groups (includes 1 aspherical element)
Focal length (35mm format equivalent)	f=35mm (53mm)
Angle of view	44.2°
Max. aperture	F1.4
Min. aperture	F16
Aperture control Number of blades	7 (rounded diaphragm opening)
Stop size	1/3EV (22 steps)
Focus range	Normal : 0.8m - ∞ Macro : 28cm - 2.0m
Max. magnification	0.17x
External dimensions	∅ 65.0mm x 50.4mm
Weight	187g(excluding caps and hoods)
Filter size	∅52mm

“ I'm on the street and I meet this friend of mine. We talk a bit and I notice he's standing in perfect lighting. I pick up my X-series camera and take some shots. Click click click. We continue talking. Next I'm in my studio, photographing an actor. I want this emotional feeling of intimacy in my shots, again my X-series camera does the job. I photograph a lot of portraits and like to be close to the person I'm photographing; close enough to reach out and touch them. That's why I love my XF35mm F1.4R; it's with me wherever I go. I can get in really close and the sharpness and detail it delivers are as beautiful as the out-of-focus backgrounds. It's pure love. ”

————— *Knut Koivisto*



The ultimate standard lens, which introduced the optical power of the X series

Offering a standard 53mm equivalent focal length and a super-fast aperture of F1.4, this is the ideal first prime lens for X series photographers. The lens's “All-element feed” design banishes optical defects, achieving exceptional sharpness at the point of focus and gentle bokeh in the background. Proving its true value across almost any subject, at the maximum F1.4 aperture, perfectly clear details are reproduced, with high-contrast results even in low-light conditions, and even in close-up photography performance is not degraded with aberrations eliminated. Its high-performance and versatility make it an essential acquisition for all X series owners.



Photographer_

Knut Koivisto / Sweden

One of Sweden's most distinguished photographers, his work focuses strongly on the subject, valuing a characterful and humanistic approach that gives both simple and sophisticated results. Widely lecturing on photography he is also a leader in new social media.



— X-M1 : F1.4 1/1900sec. ISO400



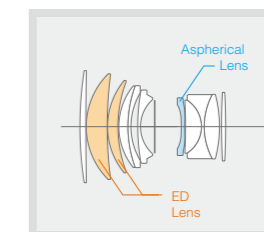
X-E2 : F1.4 1/180sec. ISO200

NEW

XF56mmF1.2 R

HT-EBC Aspherical Lens ED Lens 1/3 EV Step Ring

Lens configuration	11 elements in 8 groups (includes 1 aspherical and 2 extra-low dispersion elements)
Focal length (35mm format equivalent)	f=56mm (85mm)
Angle of view	28.5°
Max. aperture	F1.2
Min. aperture	F16
Aperture control Number of blades	7 (rounded diaphragm opening)
Stop size	1/3EV (23 steps) *1/2EV from max. aperture to next step, only
Focus range	Normal: 0.7m - ∞ Macro: 0.7m - 3m
Max. magnification	0.09 x
External dimensions	∅ 73.2mm x 69.7mm
Filter size	∅ 62mm



Fast aperture,
medium-telephoto –
the perfect portrait lens

This lens's classic 85mm equivalent focal length and fast F1.2 aperture produce wonderful portrait results and, combined with X series cameras' excellent reproduction of skin tones, it's the perfect fit for people pictures. The F1.2 aperture achieves smooth and atmospheric bokeh, and combined with its one aspherical and two ED elements it provides richly detailed, high-resolution images, even when shooting in low-light.

“ As a portrait photographer, the 85mm focal length plays a huge role in the images that I create. When Fujifilm approached me with an opportunity to use their new XF56mmF1.2 R lens (85mm equivalent) to say I was excited about the possibilities of this lens would be an understatement. Needless to say, this lens did not disappoint. The focus of this lens is very fast, very accurate, and when shot wide open F1.2 it is extremely sharp. To have an 85mm equivalent lens with such a large aperture yet such a small footprint in terms of its physical size is incredible, and a very welcome addition to my camera bag. Fujifilm has once again created a beautiful piece of hardware with the XF56mmF1.2 R. ”

————— *Nathan Elson*



Photographer_

Nathan Elson / Canada

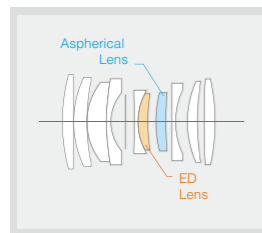
A photographer specializing in fashion, portrait and commercial photographs. Saskatchewanian for the first 25 years of life, and has based on Calgary, AB for the past 8. Husband to one, father of two. He loves anything to do with the outdoors.



XF60mmF2.4 R Macro

HT-EBC Aspherical Lens ED Lens 1/3 EV Step Ring

Lens configuration	10 elements in 8 groups (includes 1 aspherical and 1 extra-low dispersion elements)
Focal length (35mm format equivalent)	f=60mm (91mm)
Angle of view	26.6°
Max. aperture	F2.4
Min. aperture	F22
Aperture control Number of blades	9 (rounded diaphragm opening)
Stop size	1/3EV (20 steps)
Focus range	Nomal: 0.6m - ∞ Macro: 26.7cm - 2.0m
Max. magnification	0.5x
External dimensions	∅64.1mm x 63.6mm
Weight	215g (excluding caps and hoods)
Filter size	∅39mm



Medium-telephoto macro lens offers the highest level of detail in the X series

With a minimum focusing distance of 26.7cm and a maximum magnification of 0.5x, this macro lens combines aspherical and ED elements to prevent distortion and control color aberrations. Its 90mm equivalent focal length allows you to shoot from a moderate distance from the subject and from infinity to its closest setting, it offers extremely high levels of detail—the highest resolution of XF/XC lenses. Offering a maximum aperture of F2.4 it creates beautiful bokeh and can therefore also double up as a portrait lens.



“ Many photographers may choose to use this as a portrait lens thanks to its focal length and the excellent bokeh it delivers when used wide open at F2.4. However, it's a shame to only use it like this as it's also great for shooting still-life objects. Using the rear LCD to compose shots also reminds me of shooting with a 4x5 camera of old. ”

— Akira Kumagai



Photographer_

Akira Kumagai / Japan

Specializing in product photography, he was born in Shimane Prefecture, Japan, and graduated from the Faculty of Law, Sophia University. After moving to Europe he studied at the University College of Arts, Crafts and Design in Sweden, before returning to Japan as a freelance photographer. He also lectures in Japan and overseas, as well writing columns for magazines.

X-Pro1 : F9 1/4sec. ISO200 →



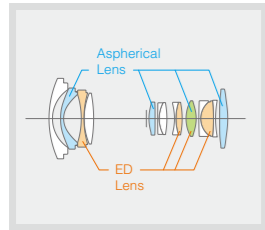
Ultra Wide Angle Zoom Lens

NEW

XF10-24mmF4 R OIS

HT-EBC Aspherical Lens ED Lens 1/3 EV Step Ring

Lens configuration	14 elements in 10 groups (includes 4 aspherical and 4 extra-low dispersion elements)
Focal length (35mm format equivalent)	f=10-24mm (15-36mm)
Angle of view	110°-61.2°
Max. aperture	F4
Min. aperture	F22
Aperture control Number of blades	7 (rounded diaphragm opening)
Stop size	1/3EV (16 steps)
Focus range	Normal: 0.5m -∞ Macro: 24cm -∞
Max. magnification	0.16x(Telephoto)
External dimensions	∅78mm x 87mm(Wide)/ 87mm(Telephoto)
Filter size	∅72mm



Shoot everything from dynamic wide-angle to snaps with this versatile zoom

Providing a maximum horizontal field of view of 100°, this lens covers a 15-36mm equivalent focal length range, allowing you to capture anything from grand, sweeping landscapes to dramatic architecture with ease. It also has the highest magnification of any dedicated APS-C wide-angle zoom lens meaning that you can quickly switch to the long end and use it as a standard lens for portraits and snap shots.



Photographer_

Norifumi Inagaki / Japan

Born in Tokyo in 1970, Norifumi Inagaki worked part-time in a newspaper photo publishing department before becoming a freelance photographer. Beginning with China's Silk Road, he has visited over 50 countries and regions, including Antarctica. His publications include a collection of photos, Tairiku Rōnin(Wanderer of the Continents), and the photo essay Tabi, Tokidoki Leica (Travel, and Sometimes Leica). He is a member of Professional Photography Organizations in Japan.



If you think that distortion is part and parcel of shooting with a wide-angle lens, then think again.

The XF10-24mm removes distortion to the point at which you'd never tell a picture was shot with a 10mm (15mm) super-wide lens. And the good news doesn't stop there: the detail produced is incredible, from corner to corner. In my shot you'll see it: the wake of the motor boat is as crisp and clear as stained glass; the sharpness of the seagull and the colors leap out as if the images were in 3D. When I look at it, it feels just as though I was still there. This lens is fast, too.

Its wide, F4 aperture helps enormously in low-light shooting, and you can use it handheld with no worries about sharpness thanks to the built-in image stabilization. Minimum focusing at 24cm helps create photos with amazing texture and depth, and the bokeh is gentle and smooth. It's a great achievement—a perfect lens for everything from landscapes to snapshots.



————— *Norifumi Inagaki*

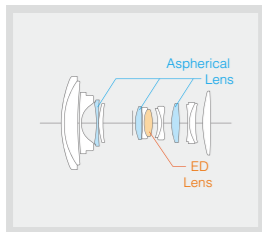


X-E2 : 10mm F8 1/350sec. ISO200

XF18-55mm F2.8-4 R LM OIS

HT-EBC Aspherical Lens ED Lens 1/3 EV Step Ring LM

Lens configuration	14 elements in 10 groups (includes 3 aspherical and 1 extra-low dispersion elements)
Focal length (35mm format equivalent)	f=18-55mm (27-84mm)
Angle of view	76.5°-29.0°
Max. aperture	F2.8-F4.0
Min. aperture	F22
Aperture control Number of blades	7 (rounded diaphragm opening)
Stop size	1/3EV (19 steps)
Focus range	Normal: 0.6m - ∞ (whole zoom position) Macro: [Wide] 30cm - 10m [Telephoto] 40cm - 10m
Max. magnification	0.15x (Telephoto)
External dimensions	∅ 65.0mm x 70.4mm (Wide) / 97.9mm (Telephoto)
Weight	310g (excluding caps and hoods)
Filter size	∅ 58mm



Highly versatile standard zoom with image quality close to prime lenses

The perfect lens for almost any subject, its 27-84mm equivalent focal range covers photographers' most frequently used settings, meaning you can shoot high-quality snap shots, portraits and landscapes without swapping lenses. Despite its bright F2.8-4 aperture range, the lens is extremely light and compact, making it a great partner for smaller X series bodies and its high-speed and quiet AF with "linear motor" allows focusing performance that's close to single focal length lenses. High-performance image stabilization technology allows you to shoot anytime and anywhere, and with least distortion at the wide-angle setting and excellent sharpness at the telephoto end it's a uniquely versatile option for X series photographers.



X
Photographer
Afton Almaraz / USA

Living in New York and working as a member of Getty Images, his experience includes being the personal photographer for Arnold Schwarzenegger, participating in the Eddie Adams Workshop, and working at the New York newsroom for AOL. His images have been published in many prominent magazines such as TIME, Newsweek and Rolling Stone.

“ The XF18-55mm is second to none. The lens is beautifully designed and optically excellent at sharpness, falloff, distortion and bokeh. It can handle a variety of demanding conditions thanks to its metal construction, silent AF and the optical image stabilizer. It's compact enough to be used for low profile street photography and delivers sharp, accurate colors throughout the zoom range and aperture settings for great portraits and travel images. A brilliant performer that delivers the professional results I demand and need. ” ——— *Afton Almaraz*

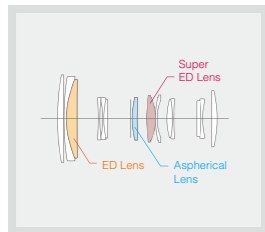


X-Pro1 : 18mm F11 1/450sec. ISO800

XF55-200mmF3.5-4.8 R LM OIS

HT-EBC Aspherical Lens ED Lens 1/3 EV Step Ring LM

Lens configuration	14 elements in 10 groups (includes 1 aspherical and 2 extra-low dispersion elements)
Focal length (35mm format equivalent)	f=55-200mm (84-305mm)
Angle of view	29.0°-8.1°
Max. aperture	F3.5-F4.8
Min. aperture	F22
Aperture control Number of blades	7 (rounded diaphragm opening)
Stop size	1/3EV (17 steps)
Focus range	Normal: 1.1m - ∞ Macro: 1.1m - 3m
Max. magnification	0.18x (Telephoto)
External dimensions	∅ 75mm x 118mm(Wide) / 177mm(Telephoto)
Weight	580g (excluding caps and hoods)
Filter size	∅ 62mm



4.5-step image stabilization and high-speed AF with superb image quality across the entire zoom range.

Offering sharp, detailed pictures across its complete zoom, this lens provides an 84-305mm equivalent focal range, making it the ideal companion for sports, action and wildlife assignments. The use of a “super ED” element, comparable to fluorite lenses thoroughly removes color distortions, while high-resolution is achieved throughout the the F3.5-4.8 aperture range. Thanks to its HT-EBC coatings, high-contrast pictures are achieved, even in back-lit situations. Image stabilization allows sharp results at shutter speeds up to 4.5 stops slower than usual, so you can shoot handheld with confidence and the lens's “linear motor” provides high-speed autofocus.



Photographer_

Xue Dong / China

Devoting himself to photography for the last 8 years, he captures the beauty of nature, believing that photos have the power to calm or excite, and always offer a unique perspective on the subject.



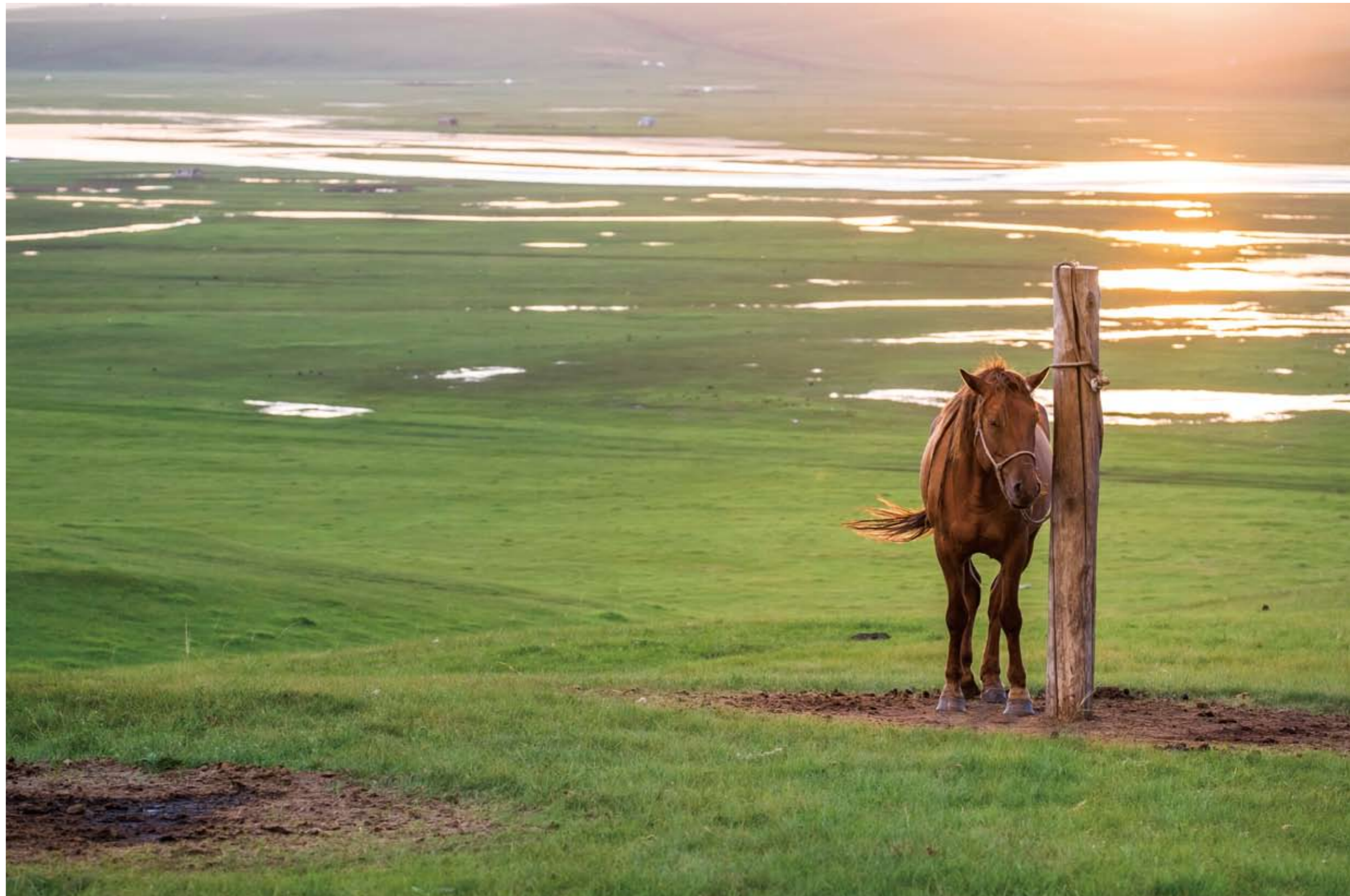
Using telephoto lens, you can catch the most brilliant scene of the nature.

Especially with FUJIFILM XF 55-200, you could have perfect feeling about this.

The lens is optically excellent and features an excellent image stabilization function for sharp results.

What makes me excited is that I could record the charming second at sunrise or sunset with high AF speed.

This picture was taken at Hulunbuir Grassland. ”——— *Xue Dong*



X-Pro1 : 82mm F5.6 1/160sec. ISO400

Standard Zoom Lens



X-M1 : 16mm F5.6 1.6sec. ISO500

TELE-PHOTO Zoom Lens



X-A1 : 230mm F6.7 1/400sec. ISO500



Photographer_

Toshiya Ogawa / Japan

Hailing from Tokyo, after working as an automobile mechanic and movie stunt car driver, he became a freelance photographer. Specializing in landscapes, nature and classic car photography he also writes lens and camera reviews for various photo magazines and makes it his lifetime's work to hold exhibitions in hospitals and retirement homes.



Photographer_

Shinichi Hanawa / Japan

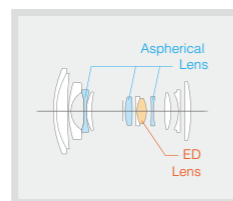
Photographer from Tokyo with main focus on portrait photography. Hanawa contributes photos and articles to photography magazines, and takes feature photos for general weekly magazines as well as portraits of actors, celebrities and politicians. Overseas portrait photos and street snapshots are also among areas of his interest. He has organized numerous photo exhibitions. A member of Professional Photography Organizations in Japan.



XC16-50mmF3.5-5.6 OIS

HT-EBC Aspherical Lens ED Lens

Lens configuration	12 elements in 10 groups (includes 3 aspherical and 1 extra-low dispersion elements)
Focal length (35mm format equivalent)	f=16-50mm (24-76mm)
Angle of view	83.2°-31.7°
Max. aperture	F3.5-F5.6
Min. aperture	F22
Aperture control Number of blades	7 (rounded diaphragm opening)
Stop size	1/3EV (17 steps)
Focus range	Normal: 0.6m - ∞ (whole zoom position) Macro: [Wide] 30cm - 10m [Telephoto] 40cm - 10m
Max. magnification	0.15x (Telephoto)
External dimensions	∅ 62.6mm x 65.2mm(Wide) / 98.3mm(Telephoto)
Weight	195g (excluding caps and hoods)
Filter size	∅ 58mm



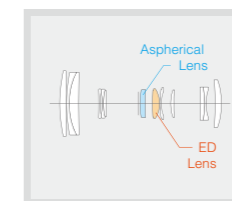
Affordable zoom lens with image quality close to professional models

Offering everything from simple indoor shooting to capturing grand landscapes in the wild, this standard zoom lens covers an equivalent focal range of 24-76mm in 35mm terms. Boasting a construction and quality that belies its affordable price, it's composed of three aspherical elements and one ED lens which together offer image detail that's close to the professional 18-55mm model. Recommended for beginners and as an excellent back-up lens.

XC50-230mmF4.5-6.7 OIS

HT-EBC Aspherical Lens ED Lens

Lens configuration	13 elements in 10 groups (includes 1 aspherical and 1 extra-low dispersion elements)
Focal length (35mm format equivalent)	f=50-230mm (76-350mm)
Angle of view	31.7°-7.1°
Max. aperture	F4.5-F6.7
Min. aperture	F22
Aperture control Number of blades	7 (rounded diaphragm opening)
Stop size	1/3EV (15 steps)
Focus range	Normal: 1.1m - ∞ Macro: 1.1cm - 3m
Max. magnification	0.2x (Telephoto)
External dimensions	∅ 69.5mm x 111mm(Wide) / 177mm(Telephoto)
Weight	375g (excluding caps and hoods)
Filter size	∅ 58mm



First-class optical performance and image stabilization combine in this powerful and adaptable zoom.

Providing a truly versatile 35mm equivalent focal range of 76-345mm, this compact and lightweight telephoto zoom delivers in all areas. High optical performance and image stabilization allow distant subjects to be captured with maximum clarity, while a stepping motor allows smooth and accurate auto focus. The 4.6x zoom includes one aspherical and one ED lens element which keep images sharp even when shooting in minimal light.

ZEISS Autofocus lenses for X-mount

Since, 1890, innovative, leading edge ZEISS technology has inspired photographers around the globe.

World-class precision, exceptional image quality and high-grade workmanship come together perfectly in the new ZEISS Touit lenses for the Fuji X mount system.

Compact and lightweight while being robust and durable at the same time, these new ZEISS Touit lenses also offer reliable autofocus, making them the ideal companion for travel photography.



Touit 2.8/12 (Distagon design, T* coating)

Touit 1.8/32 (Planar design, T* coating)



Touit 2.8/50M (Makro-Planar design, T* coating)

Find more information about these lenses at

<http://www.zeiss.co.jp/>

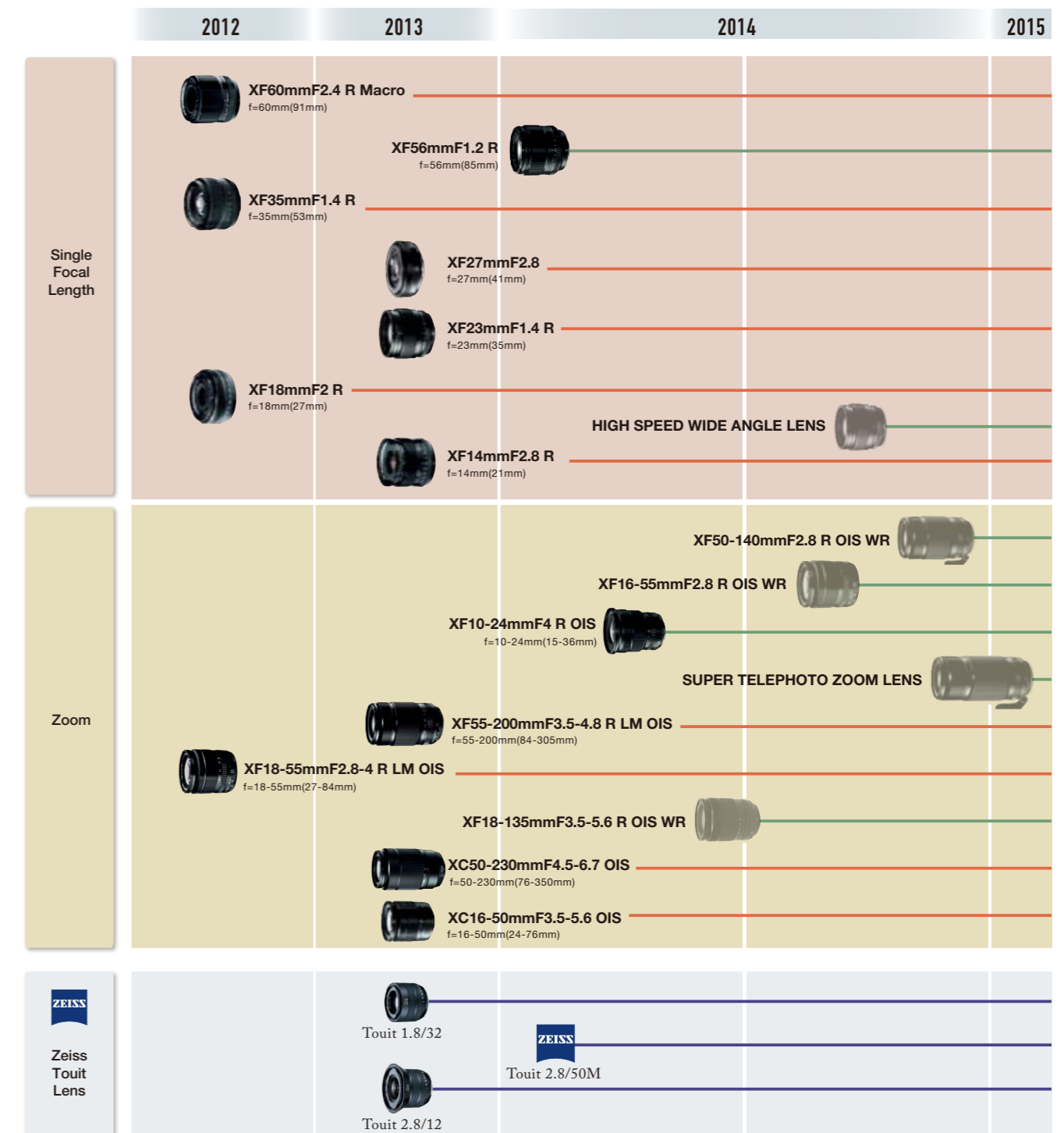
X MOUNT Lens Road MAP

High-quality XF/XC lenses produce the best image quality and combined with enhanced X Series bodies, it offers new possibilities.

By employing Fujinon lens design technologies accumulated over years of development, XF/XC lenses enjoy the best image quality. To continue this trend, and offer shooting in more environments and styles, further models will be added to the lineup. Four zoom

lenses, including a super-telephoto are scheduled and Fujifilm's high image quality is being recognised by more and more professional photographers, keen to expand their range of expression.

[X Mount Lens] FUJINON XF/XC LENS Series ZEISS Autofocus Lenses



Focal length (35mm format equiv.) The roadmap is as of January 28th, 2014. Specifications are subject to change.

Optical Technology

Aspherical Lens

Aspherical Lens

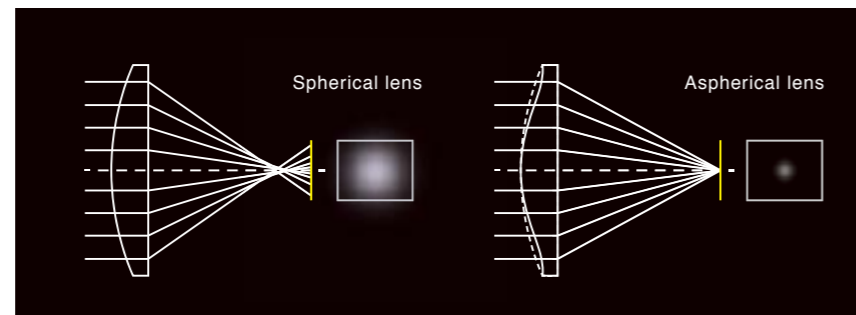
Aspherical lens elements contribute to high image quality by effectively eliminating or correcting various types of aberrations including distortions and spherical aberrations. Also a single aspherical lens element can do the job of multiple spherical lenses, reducing the number of lens elements and enabling a more compact lens design. Delivering a higher dimension of brightness, image quality and operability, XF lenses effectively incorporate the aspherical lens. In addition, the aspherical lens in the XF lens is a glass type produced with a high-precision metal mold. Also because it is a glass aspherical lens, high temperature vapor deposition processing can be used. This enables the application of high-performance coating such as HT-EBC to produce lenses that are resistant to flaring and ghosting.



Aspherical Lens image



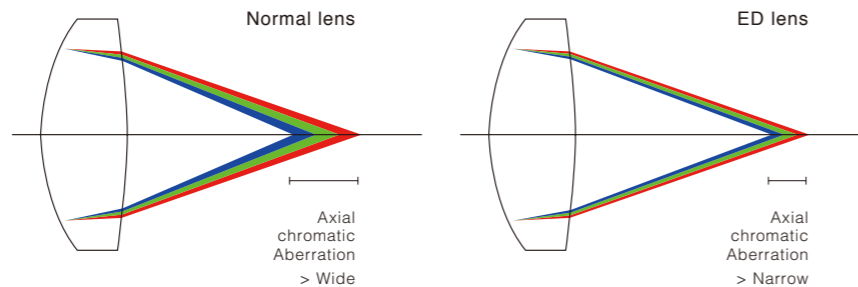
Metal mold for producing the aspherical lens



Extra Low Dispersion (ED) Lens

ED Lens

In the case of conventional optical glass lenses, the longer the focal length, the more difficult correction of chromatic aberration becomes. Color fringing results from light rays of different wavelengths focusing at different points. The solution is extra low dispersion glass which has different dispersion characteristics from conventional optical glass. It can correct various aberrations, produce color fringing-free quality from edge to edge, and achieve sharp high-contrast descriptive performance. ED glass lenses have superb characteristics, but their manufacture is extremely difficult, and the larger the diameter of the lens, the higher the precision of processing (polishing) technology that is demanded. The same advanced polishing technology that produces the ultra large-scale ED glass lens elements used in acclaimed Fujinon broadcast lenses is also used to create the premium XF lens.



Inner Focusing

Because the weight of the elements within a lens affects auto focus speed, it makes sense for them to be as light as possible. In the zoom lenses, XF23mmF1.4 R, and XF56mmF1.2 R an internal

focusing method is used for high-speed auto focus, moving the relatively small and light-weight lens elements installed from the center to the back of the lens, to bring the subject rapidly into focus.

Technology to capture every ray of light !

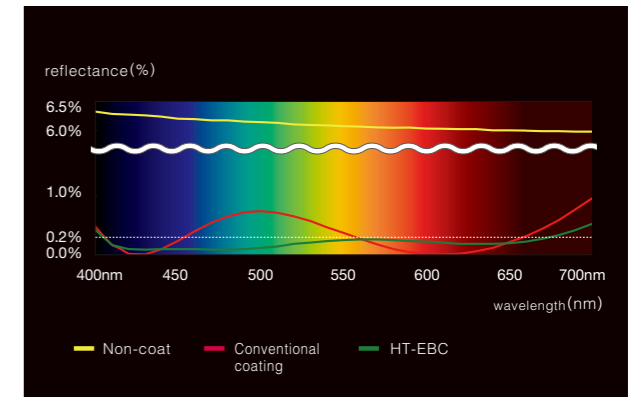
Tough HT-EBC, ED lenses, compact design...

Every lens is the distillation of original Fujinon optical technology

HT-EBC (High Transmittance Electron Beam Coating)

HT-EBC

HT-EBC (High Transmittance Electron Beam Coating) is the multi-layer coating technology developed to enhance the many high-performance lens elements used in broadcast lenses. Lenses with HT-EBC boast a high transmittance (99.8%) and low reflectivity (0.2%) over a broad wavelength band and deliver uniform performance that extends to light in the visible spectrum. This high transmittance rate enables the transmission of reds, blues and other light that dramatically influence photographic expression to the sensor surface. Thanks to the excellent applicability of the process, the entire lens surface can be treated with highly durable HT-EBC, realizing high edge-to-edge transmittance. XF lenses treated with HT-EBC are also highly resistant to ghosting and lens flares caused by stray light. For the photographer, this advanced coating technology means more freedom in selecting angles and composing the shot.



Transmittance Rate Comparison

All-Lens-Group (ALG) Focusing

Focusing ALG

Adoption of the ALG focusing approach of moving all lens groups together minimizes aberrations and fluctuations due to the focus position and maximizes lens performance across the focus drive range. Because there is no change in the relative position of the lens groups during focusing, the in-focus plane is sharp and the description of the out-of-focus plane does not change, which means no degradation of the bokeh effect due to the focus distance. This lens design approach requires moving many lens groups and consequently a powerful driving mechanism. XF lenses adopt a high-torque DC coreless motor for exceptionally responsive performance.



XF35mmF1.4 R



All-Lens-Group (ALG) Focusing (CG illustration)

Making Sense of lens names

To tell what a lens does and how it will help your photography, just look at the letters and numbers in its name. They have the following meanings:

- ①. Lens series (XF or XC) / ②. Focal Length / ③. Maximum aperture of the lens / ④. Presence of an aperture ring / ⑤. Refers to "Linear Motor" / ⑥. Indicates the use of an "Optical Image Stabilizer" / ⑦. Indicates the Capability for Macro photography / ⑧. Indicates Weather Resistance ability

XF55-200mm F3.5-4.8 R LM OIS

① ② ③ ④ ⑤ ⑥

XF60mm F2.4 R Macro

① ② ③ ④ ⑦

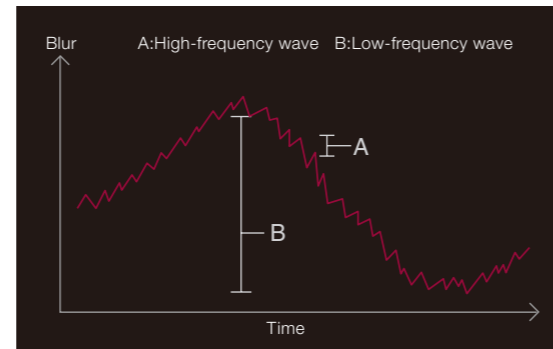
XF18-135mm F3.5-5.6 R OIS WR

① ② ③ ④ ⑥ ⑧

Control Technology

Camera shake revision

To keep images sharp at slower shutter speeds, or when using long lenses, image stabilization is applied. This uses a high-precision gyro sensor, offering 8,000 blur detections per second and location feedback control of the optical system at 16,000 times per second. The low-frequency range of vibrations, which could not be detected before, can now be accurately compensated by analyzing the output signal of the gyro sensor with Fujifilm's proprietary algorithm. This provides sufficient operational range to achieve excellent image stabilization effects all the way to the low shutter speeds. For the 55-200mm zoom lens, which typically requires greater compensation than shorter focal lengths, image stabilization is offered at up to 4.5 steps.



LM (Linear Motor)

LM

The Linear Motor technology, which directly moves lens elements in the non-contact state, enables silent operation and excellent response. XF18-55mmF2.8-4R LM OIS and XF55-200mmF3.5-4.8R LM OIS incorporates the Linear Motor technology into the focusing unit and image stabilization unit to achieve high-speed and high-precision focusing as well as advanced image stabilization. With excellent energy efficiency, the technology demonstrates its strong benefit in video recording and other shooting conditions that involve constant lens movements.



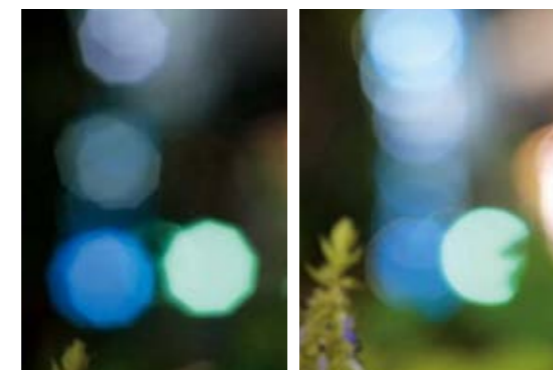
Stepping Motor

Improving autofocus, the stepping motor turns one step per pulse allowing a high level of control, and because it directly drives the focus lens without using a gear, it is silent and more suitable for movie shooting. The simple structure also helps downsize the focus unit. The AF drive system of the XF 10-24mmF4 R OIS, XC 16-50mmF3.5-5.6 OIS and XC 50-230mmF4.5-6.7 OIS lenses all adopts the stepping motor.



Circular Aperture

The beautiful bokeh effect of the XF/XC lens is a reflection of Fujifilm's uncompromising attention to the shape and the manufacture of the aperture diaphragm blades. The aperture consists of multiple diaphragm blades, which usually have an identical radius (R, angle).



Non-circular aperture

Circular aperture

Precision response to capture your vision !

High-speed linear motor-driven focusing, beautiful circular aperture, precision mount... All for your effortless operation.

1/3-Step Aperture Ring

1/3 EV Step Ring

For photographers who are particular about even the slightest difference in exposure and depth of the field, XF lenses let you adjust the aperture in steps of 1/3 EV. These tiny increments on a relatively small diameter lens mean that the rotation angle for each step is very small; consequently, there is a need for clear tactile confirmation of how much the aperture is adjusted as the user rotates the ring. XF lenses adopt a rotation angle of 4 degrees per 1/3 stop. Each full stop also gives a stronger clicking sensation than that of 1/3 stops, so that you can feel how much the aperture is adjusted while keeping your eye on the viewfinder. Also in the case of the zoom lens with an aperture ring that operates any focal distance setting, the enhancement of the clicksensation and the setting of a slightly larger rotation angle of 6 degrees per 1/3 stop lets you shift from maximum to minimum aperture in one simple action.



AF/MF Switch Mechanism with Distance Index

The 14mmF2.8 R and 23mmF1.4 R lenses are installed with an AF/MF switch mechanism which allows manual focus photography using the lenses' "distance index" and "depth-of-field" scales. It is switched from auto focus to "distance index" manual focus by moving the focus ring back and forth, and this is a great aid to snap photography when visual measurement of focus is desired.



Metal Lens Barrel & Exterior Finish

The XF lenses embody premium quality. The lens barrel and exterior elements are made of high quality aluminum. Especially the finely machined rings are individually milled from a solid metal block, and every detail of every part is carefully finished to ensure comfort of operation and consistently high quality. When mounted on the body, the balance, appearance and even the way it feels when held for a shot are designed to multiply the pleasure of photography.



X MOUNT

X-mount acquired its high optical design flexibility owing to its short flange back distance and wide opening, thus achieving high resolution all the way to the edge of the image. Moreover, X Mount features 10 contact pins for communication of the unique optical profile of the mounted lens and other data to the camera body and for electronic control of the lens. Referencing these data, the camera body can perform optimum image processing and produce images with enhanced resolution and an improved S/N ratio.



X Accessories



M Mount Adapter

The M Mount adapter lets you use an incredibly wide selection of lenses with an X Mount-equipped camera body. Made from the same high-grade metal material used in X Mount cameras and the XF lens X Mount, the adapter is engineered to ensure a high-precision fit. It also features electronic contacts for communicating signals with the camera body and a function button that lets users smoothly choose settings and functions for the mounted lens (Shoot Without Lens, focal length settings, various image corrections, etc.)*1 Also in the case of the X-Pro1, the bright frame in the Optical Viewfinder mode changes according to the lens focal length setting for easy shooting.*2

*1 X-Pro1 requires firmware version 1.11 or higher.
*2 The bright frame may not be displayed for lenses with certain focal lengths.

Signal contacts and a new Function Button on M-mount Adapter streamline shooting.

"Shoot Without Lens" mode is activated automatically when the camera body recognizes the signal contacts of the Mount Adapter. No need to navigate through menu screens to change this setting. Just mount the lens and you are ready to shoot. When you change lenses and need to add a new lens profile or enter settings, just press the Function Button to bring up the Mount Adapter Setting mode. The M-Mount Adapter streamlines lens change operation so you can concentrate on taking great photos.

High precision design

M Mount-compatible lenses demand a flange back distance of 27.8mm*3. The Mount Adapter is precision designed and manufacture to meet this requirement with an extremely high degree of planarity. Each component of the adapter's three-part structure is made with the optimum materials for its role. The surface material in contact with M Mount-compatible lenses features the same high quality stainless steel finish used on the X Mount camera body, while the surface in contact with the camera body uses aluminum parts similar to those in XF lenses. The middle section is also made of aluminum for an all-metal construction that gives the adapter a high level of rigidity and durability.

*3 Distance from the mount surface to the sensor.

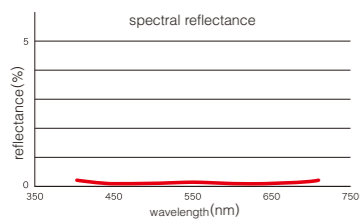
Mount Adapter Settings for registration of up to 6 lens profiles

The camera body is ready with four preset focal lengths (21mm, 24mm, 28mm and 35mm) and can remember two additional focal lengths. For each of the six focal lengths, you can define three image correction settings (distortion, peripheral illumination and color shading).



Protector Filter

The ultimate protector filter with a surface reflection rate under 0.3% which is one of the lowest in the world. Because UV rays are filtered out by the sensor in the camera body, the X series protector filter is perfectly clear and exclusively designed to protect the lens from dust, bumps and scratches. The same multilayer Super EBC (Electron Beam Coating) used on the surface of XF lenses is also applied to the inner face of the filter to thoroughly control ghosting and flares.



Because UV rays are filtered out by the sensor in the camera body, the X series protector filter is perfectly clear and exclusively designed to protect the lens from dust, bumps and scratches.

The ultimate protector filter with a surface reflection rate under 0.3% - one of the lowest in the world.

Premium "made in Japan" quality with precision machining accuracy.



		XF14mm F2.8 R	XF18mm F2 R	XF23mm F1.4 R	XF27mm F2.8	XF35mm F1.4 R	XF56mm F1.2 R	XF60mm F2.4 R Macro	XF10-24mm F4 R OIS	XF18-55mm F2.8-4 R LM OIS	XF55-200mm F3.5-4.8 R LM OIS	XC16-50mm F3.5-5.6 OIS	XC50-230mm F4.5-6.7 OIS
Protector Filter	PRF-39	—	—	—	●	—	—	●	—	—	—	—	—
	PRF-52	—	●	—	—	●	—	—	—	—	—	—	—
	PRF-58	●	—	—	—	—	—	—	●	—	●	●	●
	PRF-62	—	—	●	—	—	●	—	—	●	—	—	—
	PRF-72	—	—	—	—	—	—	—	●	—	—	—	—



X-Photographers



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Olivier Polet / Belgium



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James Gao / China



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Kevin Mullins / UK



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Massimiliano Angeloni / Italy



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Knut Koivisto / Sweden



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Nathan Elson / Canada



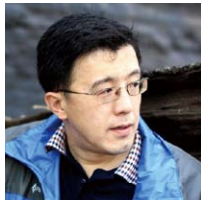
→ P.18-19
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Visit these links to learn what the professionals are saying about X mount lenses and X accessories and see some of the beautiful results!

XF LENS

<http://fujifilm-x.com/xf-lens/>



X-Accessories

<http://fujifilm-x.com/accessories/>



Specifications are subject to change without notice.

For more information, please visit our website:

http://www.fujifilm.com/products/digital_cameras/accessories/