ZEISS Lenses for Mirrorless System Cameras

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ZEISS lenses for system cameras
Overview of the most compact and high-performance lens families for mirrorless system cameras

**ZEISS Batis**

The Batis® autofocus lenses from ZEISS were specially developed for mirrorless full-frame system cameras from Sony. The lenses are fully compatible with all E mount cameras and offer not only fast, quiet autofocus, but also protection against dust and weather. For creative photography, the innovative OLED display shows the distance and depth of field.

**ZEISS Loxia**

The highly compact Loxia® MF lenses from ZEISS were specially developed for mirrorless full-frame system cameras from Sony. You enjoy the combined benefits of leading-edge mirrorless, full-frame cameras and the creative possibilities of “traditional” manual focus photography. The ZEISS Loxia lenses have everything you need to create top-quality videos.

**ZEISS Touit**

The Touit® product family from ZEISS comprises compact autofocus lenses for mirrorless APS-C cameras with Sony E mount or Fujifilm X mount. These lightweight yet robust lenses offer outstanding image quality with these system cameras.
Mastering every situation.

ZEISS Batis Lenses

A new era of mirrorless photography

No matter if manually or auto focused – the ZEISS Batis lenses for mirrorless full-frame system cameras from Sony take professional photography to the next level. The lens family assures outstanding image quality, innovative design and its OLED display perfectly adjusts the depth of field.
ZEISS Batis
The new era of professional photography

Take your professional photography to the next level!

The fast, quiet autofocus ensures a high-precision focus in every situation. You also benefit from excellent image performance in a compact system.

Now you are perfectly equipped for the future and next-generation photography!

Enhanced Operation
- Fast autofocus and handy focusing ring for ultra-precise manual focusing
- Distance and depth-of-field indicators with OLED display
- Fully compatible with mirrorless full-frame system cameras from Sony

Quality Workmanship
- Weather and dust protection for use in extreme conditions
- Highly robust yet lightweight housing for many years of use
- Innovative product design

To move forward with my photography, I need to abandon old paths and embark in new directions.

Christian Dandyk
ZEISS Batis 2.8/18
The super wide-angle lens for a new era

This lens is ideal for achieving exceptional angles in landscape and astro photography. By virtue of the large image angle, the ZEISS Batis 2.8/18 allows you to capture high-quality architectural images with impressive interior shots – even in small spaces. It offers outstanding performance across the entire image field.

<table>
<thead>
<tr>
<th>Specification</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Focal length</td>
<td>18 mm</td>
</tr>
<tr>
<td>Aperture range</td>
<td>f/2.8 – f/22</td>
</tr>
<tr>
<td>Elements/groups</td>
<td>11/10</td>
</tr>
<tr>
<td>Focusing range m/inch</td>
<td>0.25 – ∞ / 9.8 – ∞</td>
</tr>
<tr>
<td>Field angle* (diag./hor./vert.)</td>
<td>99°/90°/67°</td>
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<tr>
<td>Coverage** mm/inch</td>
<td>227×340 / 8.94×13.39</td>
</tr>
<tr>
<td>Compatible with</td>
<td>Sony E mount cameras***</td>
</tr>
</tbody>
</table>

* Based on 24 × 36 mm format. **At close range. ***Sony is a registered trademark of Sony Corporation.

Design
- Distagon® with 11 lens elements in 10 groups
- “Floating elements” design
- Lens with aspheric optical surface
- Lens made of special glass
- Aspheric elements and special glass

Christian Dandyk, ZEISS Batis 2.8/18
## ZEISS Batis 2/25

The wide-angle lens for a new era

Define new standards in your professional landscape, architecture, street, and documentary photography. Capture impressive subjects thanks to uniform image quality throughout your pictures. This unusual wide-angle lens with excellent close-range focus opens up fully new perspectives.

<table>
<thead>
<tr>
<th>Specification</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Focal length</td>
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<tr>
<td>Aperture range</td>
<td>f/2 – f/22</td>
</tr>
<tr>
<td>Elements/groups</td>
<td>10 / 8</td>
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<tr>
<td>Focusing range m/inch</td>
<td>0.20 – ∞ / 7.9 – ∞</td>
</tr>
<tr>
<td>Field angle* (diag./hor./vert.)</td>
<td>82°/72°/51°</td>
</tr>
<tr>
<td>Coverage** mm/inch</td>
<td>124 x 187 / 4.88 x 7.36</td>
</tr>
<tr>
<td>Compatible with</td>
<td>Sony E mount cameras***</td>
</tr>
</tbody>
</table>

* Based on 24 x 36 mm format. **At close range.
***Sony is a registered trademark of Sony Corporation.

### Design

- Distagon with 10 lens elements in 8 groups
- “Floating elements” design
- Lens with aspheric optical surface
- Lens made of special glass
- Aspheric elements and special glass
ZEISS Batis 1.8/85
The telephoto lens for a new era

Thanks to the excellent high aperture, you can achieve a very small depth of field. Optical image stabilization also means you can produce impressive images under difficult and dynamic lighting conditions. Perfect your portrait, event, and wedding photography.

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Focal length</td>
<td>85 mm</td>
</tr>
<tr>
<td>Aperture range</td>
<td>f/1.8–f/22</td>
</tr>
<tr>
<td>Elements/groups</td>
<td>11/8</td>
</tr>
<tr>
<td>Focusing range m/inch</td>
<td>0.80–∞ / 31.5–∞</td>
</tr>
<tr>
<td>Field angle* (diag./hor./vert.)</td>
<td>29°/24°/16°</td>
</tr>
<tr>
<td>Coverage** mm/inch</td>
<td>189 × 283 / 7.44 × 11.14</td>
</tr>
<tr>
<td>Compatible with</td>
<td>Sony E mount cameras***</td>
</tr>
</tbody>
</table>

* Based on 24 × 36 mm format. **At close range. ***Sony is a registered trademark of Sony Corporation.

Design
- Sonnar® with 11 lens elements in 8 groups
- “Floating elements” design
- Lens made of special glass
**Technical specifications.** How large, how heavy, available with which mounts? All the technical information you need is here. For more information, visit zeiss.com/photo

<table>
<thead>
<tr>
<th></th>
<th>Length* mm/inch</th>
<th>Diameter mm/inch</th>
<th>Weight g/oz</th>
<th>Filter thread</th>
<th>E</th>
</tr>
</thead>
<tbody>
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<td></td>
</tr>
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<td>ZEISS Batis 2.8/18</td>
<td>95/3.7</td>
<td>100/3.9</td>
<td>330/11.6</td>
<td>M77 x 0.75</td>
<td></td>
</tr>
<tr>
<td><strong>Wide-angle</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ZEISS Batis 2/25</td>
<td>92/3.6</td>
<td>81/3.2</td>
<td>335/11.8</td>
<td>M67 x 0.75</td>
<td></td>
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<tr>
<td><strong>Tele</strong></td>
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<td></td>
<td></td>
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<tr>
<td>ZEISS Batis 1.8/85</td>
<td>105/4.1</td>
<td>81/3.2</td>
<td>475/16.8</td>
<td>M67 x 0.75</td>
<td></td>
</tr>
</tbody>
</table>

*Length with caps.
Enjoying full creative freedom.

ZEISS Loxia Lenses

The perfect bridge between classic photography and modern technology.

Our lightweight ZEISS Loxia lenses give you the best of both worlds: the fantastic creative possibilities only offered by manual focus, and the benefits of compact, modern, mirrorless, full-frame sensor cameras from the Sony α Series. Let your creativity run free. And look forward to breathtaking images and videos.
ZEISS Loxia
Classic photography and filming

Loxia lenses from ZEISS are perfectly suited to the many strengths of Sony α series cameras. Add to that their compact size and low weight, and you have a series of lenses you can use just about anywhere for high quality photographs and films.

Perfect for photography and video
- High quality images thanks to proven optical design
- Automatic activation of the magnification function when turning the focus ring
- Optional switchable aperture lock, allowing for smooth adjustment in video mode
- Large focus rotation angle for the entire lens family

High precision
- Precise and durable construction, low weight
- The functionality of the ZEISS Loxia lenses is perfectly matched to the camera functions of the Sony α series

High quality construction
- Robust, all-metal construction for many years of use
- Easy-grip focus ring for fine manual adjustment
- A special gasket on the mount protects the connection between camera and lens
- Comes standard with a matching lens shade

Capturing pure emotion complemented by light is the greatest gift I could give to a client.

Topher DeLancy
ZEISS Loxia 2.8/21
Compact and wide-angle in one

Whether architecture, landscape or also three-dimensional subjects in close-up against a spacious background – the ZEISS Loxia 2.8/21 is an absolute must for wide-angle fans who want to capture even the tiniest details of a special moment in a photo or on film.

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Focal length</td>
<td>21 mm</td>
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<tr>
<td>Aperture range</td>
<td>f/2.8–f/22</td>
</tr>
<tr>
<td>Elements/groups</td>
<td>11/9</td>
</tr>
<tr>
<td>Focusing range m/ft</td>
<td>0.25–∞/9.84–∞</td>
</tr>
<tr>
<td>Field angle* (diag./horiz./vert.)</td>
<td>91°/81°/59°</td>
</tr>
<tr>
<td>Coverage** mm/inch</td>
<td>281 x 187/11.06 x 7.36</td>
</tr>
<tr>
<td>Compatible with</td>
<td>Sony E mount cameras***</td>
</tr>
</tbody>
</table>

* Based on 35 mm format. **At close range. ***Sony is a registered trademark of Sony Corporation.

**Design**
- Distagon® with 11 elements in 9 groups
- Lens with aspheric surface
- Lens made of special glass with anomalous partial dispersion
ZEISS Loxia 2/35
The subtle reporter

An extended field of view makes this versatile lens ideal for showing a subject in their environment. It’s also just as good for reportage and street photography or even for portraits, detail shots and landscapes.

Focal length 35 mm
Aperture range f/2–f/22
Elements/groups 9/6
Focusing range m/ft 0.30–∞/11.81–∞
Field angle* (diag./horiz./vert.) 63°/54°/38°
Coverage** mm/inch 210 x 139/8.28 x 5.49
Compatible with Sony E mount cameras***

| * Based on 35 mm format. **At close range. ***Sony is a registered trademark of Sony Corporation.

Design
- Biogon® with 9 lens elements in 6 groups
- Lens made of special glass with anomalous partial dispersion
ZEISS Loxia 2/50
The flexible all-rounder

Compact and light, this lens shines in many applications. Regardless of whether it’s for street photography, landscapes, portraits or spontaneous discoveries, the ZEISS Loxia 2/50 is the ideal companion for photographic and filmic exploration.

<table>
<thead>
<tr>
<th>Specification</th>
<th>Details</th>
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</thead>
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<tr>
<td>Focal length</td>
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<tr>
<td>Aperture range</td>
<td>f/2–f/22</td>
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<tr>
<td>Elements/groups</td>
<td>6/4</td>
</tr>
<tr>
<td>Focusing range m/ft</td>
<td>0.45–∞/17.72–∞</td>
</tr>
<tr>
<td>Field angle* (diag./horiz./vert.)</td>
<td>47°/39°/27°</td>
</tr>
<tr>
<td>Coverage** mm/inch</td>
<td>255 x 168/10.04 x 6.61</td>
</tr>
<tr>
<td>Compatible with</td>
<td>Sony E mount cameras***</td>
</tr>
</tbody>
</table>

* Based on 35 mm format. **At close range.
***Sony is a registered trademark of Sony Corporation.

Design
- Planar® with 6 lens elements in 4 groups
**ZEISS Loxia 2.4/85**

**The inconspicuous observer**

Be it a portrait or a street or landscape shot, the ZEISS Loxia 2.4/85 strikes the right balance between size and performance. You are able to perfectly isolate individual image elements – even handheld. A compact, high-performance telephoto lens that fits in with the entire camera system.

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**Design**

- Sonnar with 7 elements in 7 groups
- Lens made of special glass with anomalous partial dispersion

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**Focal length**

85 mm

**Aperture range**

f/2.4 – f/22

**Elements/groups**

7 / 7

**Focusing range m/ft**

0.80–∞/31.49–∞

**Field angle** *(diag./horiz./vert.)*

29°/24°/16°

**Coverage** **mm/inch**

257.9 x 172.6/10.15 x 6.80

**Compatible with**

Sony E mount cameras***

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* Based on 35 mm format. **At close range. ***Sony is a registered trademark of Sony Corporation.
### Technical specifications

How large, how heavy, available with which mounts? All the technical information you need is here. For more information, visit [zeiss.com/photo](http://zeiss.com/photo).

<table>
<thead>
<tr>
<th></th>
<th>Length* mm/inch</th>
<th>Diameter mm/inch (max.)</th>
<th>Weight g/oz.</th>
<th>Filter thread</th>
<th>E</th>
</tr>
</thead>
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<td><strong>Super wide-angle</strong></td>
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<td>ZEISS Loxia 2.8/21</td>
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<td>394/13.90</td>
<td>M52 x 0.75</td>
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<td><strong>Wide-angle</strong></td>
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<td></td>
</tr>
<tr>
<td>ZEISS Loxia 2/35</td>
<td>66/2.6</td>
<td>62.1/2.44</td>
<td>340/11.99</td>
<td>M52 x 0.75</td>
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<tr>
<td><strong>Standard</strong></td>
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<td></td>
</tr>
<tr>
<td>ZEISS Loxia 2/50</td>
<td>66.2/2.6</td>
<td>62.1/2.44</td>
<td>320/11.29</td>
<td>M52 x 0.75</td>
<td></td>
</tr>
<tr>
<td><strong>Tele</strong></td>
<td></td>
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<td></td>
<td></td>
</tr>
<tr>
<td>ZEISS Loxia 2.4/85</td>
<td>108/4.25</td>
<td>62.5/2.44</td>
<td>594/20.95</td>
<td>M52 x 0.75</td>
<td></td>
</tr>
</tbody>
</table>

*Length with caps.
Making beautiful details come to life.

ZEISS Touit Lenses

Bringing together what belongs together.

Discover the range of Touit lenses from ZEISS and experience the level of performance ZEISS quality can help you unleash in mirrorless cameras like the Sony NEX or Fujifilm X.
ZEISS Touit
Flawless image quality for compact APS-C systems

Touit lenses from ZEISS are substantially smaller and lighter than comparable SLR lenses. This makes for a lightweight, more compact kit when combined with mirrorless system cameras, and allows you to take exceptionally high-quality photos in just about any situation and at any time.

Outstanding image quality
- Excellent reflection reduction thanks to T*® anti-reflective coating from ZEISS
- Advanced stray light reduction
- Virtually circular aperture with 9 blades for especially harmonious rendition of highlights outside the focal plane

High precision
- Precise, durable and low-weight mechanical parts
- Complete compatibility with all Sony NEX and Fuji-film X camera functions (including reliable autofocus)

High-quality workmanship
- Robust metal design for many years of use
- Grippy focus ring for precise manual focussing
- Innovative product design for ease of use and maximum aesthetic demands

All too often, it’s the small and intricate details that go unnoticed.

Dr. Michael Pollmann
ZIESS Touit 2.8/12
As far as the eye can see

The combination of one of the most extreme angles with an APS-C sensor, superior imaging performance and light weight makes taking wide-angle shots with this lens even more enjoyable.

Focal length 12 mm
Aperture range f/2.8–f/22
Elements / groups 11/8
Focusing range m / inch 0.18–∞/7.08–∞
Field angle* (diag./hor./vert.) 99°/89°/66°
Coverage** mm / inch 220 x 144/8.66 x 5.67
Compatible with Sony E-mount/ Fujifilm cameras***

*Based on APS-C format. **At close range. ***Sony is a registered trademark of Sony Corporation. Fujifilm is a registered trademark of Fujifilm Corporation.

Design
- Distagon with 11 lens elements in 8 groups
- Floating elements design
- Lens with aspheric optical surface
- Lens made of special glass with anomalous partial dispersion
ZEISS Touit 1.8/32
Magician of the moment

A compact standard focal length lens specially designed for compact system cameras such as the Sony NEX and Fujifilm X. Spontaneously capturing special moments in perfect quality just got a whole lot easier.

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Focal length</td>
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<tr>
<td>Aperture range</td>
<td>f/1.8–f/22</td>
</tr>
<tr>
<td>Elements / groups</td>
<td>8/5</td>
</tr>
<tr>
<td>Focusing range m / inch</td>
<td>0.30 – ∞ / 11.81 – ∞</td>
</tr>
<tr>
<td>Field angle* (diag. / hor. / vert.)</td>
<td>48°/40°/29°</td>
</tr>
<tr>
<td>Coverage** mm / inch</td>
<td>170 x 111 / 6.69 x 4.37</td>
</tr>
<tr>
<td>Compatible with</td>
<td>Sony E-mount/ Fujifilm cameras***</td>
</tr>
</tbody>
</table>

*Based on APS-C format. **At close range. ***Sony is a registered trademark of Sony Corporation. Fujifilm is a registered trademark of Fujifilm Corporation.

Design
- Planar with 8 lens elements in 5 groups
ZEISS Touit 2.8/50M
A perfectionist with an eye for the details

With its exceptional image performance up to a scale of 1:1, this macro lens is the ideal choice for extreme close-ups. But it also comes into its own when shooting portraits or panoramas as a light tele-lens.

<table>
<thead>
<tr>
<th>Specification</th>
<th>Details</th>
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<tbody>
<tr>
<td>Focal length</td>
<td>50 mm</td>
</tr>
<tr>
<td>Aperture range</td>
<td>f/2.8–f/22</td>
</tr>
<tr>
<td>Elements / groups</td>
<td>14/11</td>
</tr>
<tr>
<td>Focusing range m/inch</td>
<td>0.15–∞/6.02–∞</td>
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<tr>
<td>Field angle* (diag./hor./vert.)</td>
<td>31°/26°/18°</td>
</tr>
<tr>
<td>Coverage** mm/inch</td>
<td>23.5 x 15.6/0.93 x 0.61</td>
</tr>
<tr>
<td>Compatible with</td>
<td>Sony E-mount/Fujifilm cameras***</td>
</tr>
</tbody>
</table>

*Based on APS-C format. **At close range. ***Sony is a registered trademark of Sony Corporation. Fujifilm is a registered trademark of Fujifilm Corporation.

Design
- Makro-Planar® with 14 lens elements in 11 groups
- Floating elements design
- Lens with aspheric optical surface
- Lens made of special glass with anomalous partial dispersion
**Technical specifications.** How large, how heavy, available with which mounts? All the technical information you need is here. For more information, visit zeiss.com/photo

<table>
<thead>
<tr>
<th></th>
<th>Length* mm/inch</th>
<th>Diameter* mm/inch (max.)</th>
<th>Weight* g/oz.</th>
<th>Filter thread</th>
<th>E</th>
<th>X</th>
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<tbody>
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<td><strong>Super wide angle</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ZEISS Touit 2.8/12</td>
<td>81–86/3.19–3.39</td>
<td>88/3.46</td>
<td>260–270/9.17–9.52</td>
<td>M67 x 0.75</td>
<td></td>
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<tr>
<td><strong>Standard</strong></td>
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</tr>
<tr>
<td>ZEISS Touit 1.8/32</td>
<td>72–76/2.83–2.99</td>
<td>75/2.95</td>
<td>200–210/7.05–7.41</td>
<td>M52 x 0.75</td>
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<td>ZEISS Touit 2.8/50M</td>
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<td>75/2.95</td>
<td>290/10.23</td>
<td>M52 x 0.75</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

*Dimensions and weight may vary according to the camera mount. Length with caps.
Writing stories with light and shadow.

ZEISS Camera Lenses
Original accessories and care products from ZEISS

This puts the perfect finishing touch to the unique product experience offered by the ZEISS lenses.

ZEISS Lens Cleaning Kit
The ZEISS Lens Cleaning Kit is packed in a fabric belt bag and contains:

- Lens cleaning solution
- Dust brush
- Microfibre cloth
- Ten moist cleaning wipes
- User manual for professional lens care
- Air blower

Application notes at: zeiss.com/photo/cleaning

ZEISS T* UV filters and POL filters (circular)
These filters with T* antireflective coating optimally protect your front lens. The UV filters give your pictures more brilliance, and the POL filters reduce reflections on non-metallic surfaces and increase color saturation.

- High fit accuracy for fast filter change
- Can be used with a lens shade
- Available in all standard sizes

ZEISS Air Cell comfort camera strap
With patented Air Cell padding, this camera strap minimizes shoulder and neck strain, even with heavy equipment.

- High degree of wearing comfort with Air Cell padding
- Strap length adjustable at both ends
Share your fascination:
Visit ZEISS on the Internet to keep in contact with other photographers, exchange tips and tricks and get regular news updates. On our blog and on Facebook, Twitter, Flickr and Vimeo, you can find a large community of photographers and video makers from all over the world. We look forward to welcoming you.

Become a part of the ZEISS Community:
zeiss.com/photo/social

Experience the ZEISS lenses at your camera dealer:
zeiss.com/photo/dealer

Download the ZEISS Lens Catalog in the app store and discover the quality and technical excellence of ZEISS camera lenses.