Seeing beyond

Consumer Products

Photography

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Cinematography **Industrial Lenses Nature Observation** Support & Service Blogs Home / Photography / Planar T* 1.4/50 © Bruno Giliberto | ZEISS Planar T* 1.4/50

1.4/50

1.4/85

ZEISS Planar T* 1.4/50

Reveal the true character.

CLASSIC LENSES ✓

Facial expressions and features convey an individual's character. A sparkle in the eye, fine wrinkles and shades of color can tell a whole life story. With its versatile standard focal length, the ZEISS Planar T* 1.4/50 knows exactly how to express character: natural, illuminated and rich in contrast. The focal length of the ZEISS Planar T* 1.4/50 is equal to the perspective of the human eye. Its fast aperture and exceptional compactness are its

outstanding features. This lens produces pleasing portrait style quality at the widest aperture and sharpens considerably beyond f/4 for any general purpose application.

Overview Features Data Downloads

Accessories

The range of ZEISS T*® lenses offers the highest possible standards in

they are superior in every way. You can count on highly advanced flare

control for crisp and brilliant images, for example. And virtually zero

especially useful when photographing products and architecture.

terms of performance, reliability and, of course, image quality. Quite simply,

geometric distortion, ensuring precise accuracy when reproducing shapes -

Excellent image quality

Ideal aperture with nine blades

background.

Photographers want to guide the observer through the image. Minimal

background intentionally blurred to keep the attention of the observer on

the main subject. These different representations of the blurred areas, as

well as the quality of the transition, are referred to as the Bokeh of a lens.

particularly harmonious effect of the blurred areas of the image. The nine

diaphragm blades and the resulting, virtually circular aperture on ZEISS SLR

lenses are crucial to favorable rendition of highlights in the fore and

The finely tuned features of the optical design on ZEISS SLR lenses ensure a

depth of focus is often used as a design element. This keeps the

Find a dealer

ZEISS Classic Lenses – a tradition of excellence The ZEISS Classic lenses have enjoyed an outstanding reputation with photographers all over the world for many years now – and rightly so. The solid all-metal mount ensures constant functionality and image performance, regardless of the number of photographs taken. Manual

focusing promotes creativity in the design of the image.

Precise manual focus Manually focusing a lens means controlling the image result from your fingertips. A good ergonomic design makes all the difference. ZEISS lenses stand out with their large rotation angle which enables precise focusing. Changes are immediately visible in the viewfinder. The high-quality focusing mechanism moves smoothly without play, thus also supporting the intuitive

interaction with the focal plane. The precise engraving in meter and feet,

and the depth of focus scale provide additional support for manually

Performance

Flange focal distance

image plane)

Entrance pupil position (front of

Focal length

focusing.

f/1.4 - f/16Aperture range Canon EF-Mount* (ZE) | Nikon F-Camera Mount Mount* (ZF.2) Format compatibility Full Frame Focusing range 0,45 m (17.72") − ∞ 0,35 m (13.78") − ∞ Free working distance Angular field** (diag. horiz. vert.) 45° | 38° | 26° Diameter of image field 43 mm (1.69") Coverage at close range (MOD)** 160 x 240 mm (6.30 x 9.45") Image ratio at minimum object 1:6.7 distance 7 | 6 Lens elements | groups

(1.83")

50 mm

ZE: 44 mm (1.73") | ZF.2: 46 mm 54 mm (2.13")

Planar Design

ZEISS T* anti-reflective coating

employed by ZEISS as long ago as in the 1930s.

The optical elements of ZEISS lenses feature T*® anti-reflective coating on

brilliance at all times, even in unfavourable lighting conditions. We apply

the anti-reflective coating to the lens surfaces by the vapour deposition of

all surfaces and an optical design that guarantees images of superior

extremely thin, transparent layers on the glass. In this process, special

substances are vaporized with extremely high energy in a high-vacuum

environment and are subsequently deposited on the glass surfaces, one

after another, as layers with precisely controlled thicknesses to achieve the

desired reduction of reflective properties. The first coating techniques were

Image Stabilization **Physical**

Filter thread

Diameter max.

Rotation angle of focusing ring

Features

Autofocus

Length (with lens caps) Length (without lens caps) Weight

Diameter of focusing ring

The Planar lens design is the most successful – and most frequently copied – camera lens design of all time. Modifications to the tried-and-tested six-lens basic type ensure that it achieves the high imaging quality required by modern sensors. Lenses with a Planar optical design enable consistent performance across a large range of image scales – the key requirement for universal macro-lenses.

M58 x 0.75

ZE: 71 mm (2.81") | ZF.2: 66 mm

ZE: 71 mm (2.81") | ZF.2: 66 mm

ZE: 71 mm (2.80") | ZF.2: 69 mm

ZE: 48 mm (1.89") | ZF.2: 45 mm

ZE: 380 g (0.84 lbs) | ZF.2: 330 g

223°

(2.60")

(2.60")

(2.72")

(1.77")

(0.73 lbs)

photographyreview.com

"In this era of plastic-barreled

ZF lenses stand out in sleekly-

> photographyreview.com

elegant fashion..."

Round off the fully unique product experience.

mass-produced lenses, the Zeiss

ZEISS Planar T* 1.4/50

imaging-resource.com

myself, enjoy working with

imaging-resource.com

"But for photographers who, like

manual focus lenses, the Zeiss is

a real pleasure to work with..."

Datasheet

Download

Reviews

When taking pictures, an optimal image is not the only consideration. Capturing that special experience also plays a key role. With their reliable functions,

camera lenses from ZEISS ensure that photographers can fully concentrate on the image and composition, and bring their creativity to life. In order to perfect this experience, ZEISS now offers accessories tailored to the requirements of demanding photographers.

Cleaning Products

surfaces.

Optimal care for optical

diglloyd.com

diglloyd.com

"Meets or beats any other 50mm

contrast and resolving power.

Lens Accessories

The 50/1.4 Planar is the most..."

f/1.4 lens, with very high

Cleaning Products

detail. T* UV and POL Filters

T* UV and POL Filters

Quality down to the last

from ZEISS

Comfort Camera Strap

Comfort Camera Strap

Ensure comfortable

carrying or your

equipment.

Q

Please type in your address to find a dealer near to your location: Search for location

Obtain the extended warranty

ZEISS grants a warranty period of two years from the date of purchase for

all its photographic lenses. This may be extended to three years after

registering with ZEISS Online Registration. Although the ZEISS extended

may only be made in the country in which the product was purchased.

warranty is already available in numerous countries, claims under warranty

Product Registration

Register your product

Dealer Locator

Any questions? Please don't hesitate to contact

Additional Information

ZEISS Photography

us!

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Lens Gear show all

Lens Gear

Attached in a flash.

to search for further events using different search criteria.

Events