

Century Precision Super 16 6mm T1.9 Prime Lens

*New from
Century*

**For 16mm & Super 16
Cinematography**

Century's new 6mm T1.9 lens features an all new state-of-the art design and optical characteristics never before achieved in a wide angle prime.



Century Precision 6mm T1.9 Prime Lens.



**All Century Precision Products
feature an unconditional
30-day Warranty.**

1-800-228-1254

Century precision optics
A TINSLEY COMPANY

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Prime Performance

One look through the new 6mm T1.9 prime and you'll see the expertise Century Precision has put into its design and manufacture. Made to enhance the Super 16 format, this new prime offers phenomenal edge-to-edge and corner-to-corner sharpness. Plus, the new 6mm displays superior performance at *every* focusing distance.

Award-winning Team

Century assembled a renowned optical team to create the new lens. The engineers employed their experience in designing today's finest 35mm primes, to make a Super 16 lens of comparable quality.

Hughes-Leitz Canada

For manufacturing, Century wanted one of the world's top lens-makers. With profound expertise in producing the world's finest still and motion picture lenses, Hughes-Leitz Canada was the choice.

Tinsley Laboratories

For the lens' aspherical elements, Century had the best close at hand. Century's parent company, Tinsley Laboratories is renowned for supplying the corrective glass elements used to repair the Hubble Space Telescope. A pioneer in design, computer-controlled manufacturing, and production of aspheric optical surfaces, Tinsley's lenses, mirrors and optical assemblies are used in precision optical and electro-optic systems for aerospace, military, scientific, industrial and cinema & video applications.

Advanced Optics

The 14-element design includes two aspheres and makes use of high-density, low-dispersion glass for drastically reduced chromatic aberration. Leading-edge lens coatings provide greatly diminished ghosting and veiling glare and ensure ideal color match with modern film lenses.

Rugged Internal Focus Design.

The new lens features state-of-the-art internal focus technology. The rigid design eliminates stress on the lens mechanics associated with add-on accessories. Unlike focusing mount type lenses, the 6mm T1.9 will not show wear from using matteboxes, shades and filters.

Ultra-Close Focusing.

The 6mm T1.9 focuses to just one foot from the focal plane (six inches from the lens front). Even at an MOD this short, the lens achieves radically minimized geometric distortion—less than 3%—at all working distances.

Internal Filter Slot.

Why install a lens shade or mattebox just to use a filter? Century gives you the option. The 6mm lens' internal filter slot allows the use of one 40.5mm filter. So filter without a mattebox, or add one on, the choice is yours.

Full Compatibility.

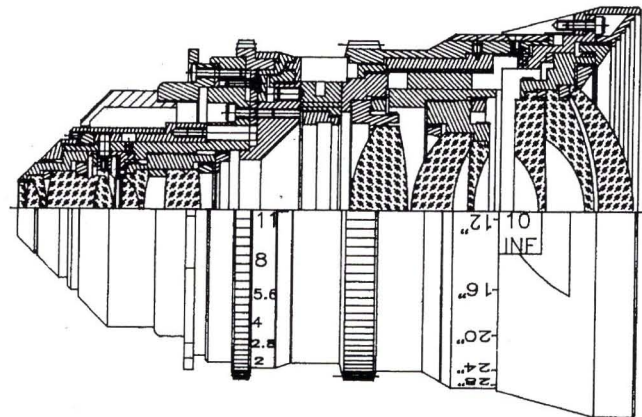
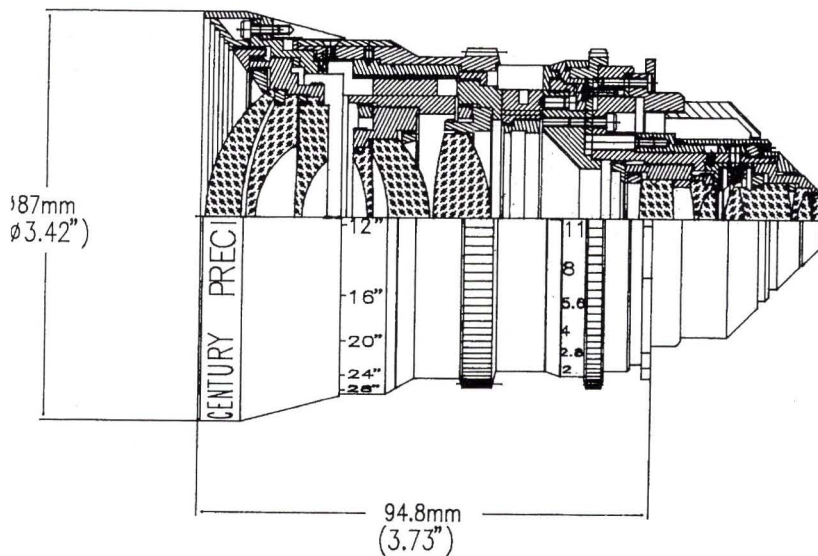
Available in Arri PL, Arri B, or Aaton mounts, the 6mm prime has a front diameter of 87mm—directly compatible with Arri and Chrosziel lightweight matteboxes. A convenient, internal filter holder takes one 40.5mm filter. The 6mm T1.9's expanded focus scale (marked with either feet or meters) and linear iris are readable from either side of the lens.

Features

- 16mm & Super 16 coverage.
- Internal Focus design.
- Short MOD.
- Expanded focus scale.
- Extremely low distortion.
- Reduced chromatic aberration.
- Advanced lens coatings.
- Internal 40.5mm filter holder.
- Linear iris.
- 2 aspherical elements.
- Arri PL, Arri B, or Aaton mounts.
- Markings in feet or meters.
- Integral follow focus gear.
- Dual side engravings.

Specifications

Super 16 6mm T1.9 Prime Lens



Specifications	6mm T1.9 Prime
Focal Length (EFL)	6mm
Lens Front Diameter	87mm (3.43")
Relative Aperture	f/1.8 (T1.9)
T Scale Range:	T1.9-16
Image Size (maximum)	ø14.55 (mm)
Minimum Object Dist.	11.8" (6" from lens front)
Light Transmission	84% at corner, 90% at axis
Angles of View —S16 format	Diag. (14.55mm) 101° Vert. (7.42mm) 63.5° Horizontal (12.52) 82.4°
Hyperfocal Distance from image plane at T1.9	1.45mm (4'9")
Focus Range from Film Plane	0.3mm to infinity (11.8" to infinity)
Construction	11 Group 14 Elements (2 aspherical)
Overall Length:	130mm (5.1")
Maximum Front Diameter	87mm (3.43")
Weight	2 lbs. 8 oz. (1.1 kg)
Lens Mounts	Arri PL/B, Aaton
Filter Provision	Internal slot for one 40.5mm

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