

STEP UP THE QUALITY OF YOUR

HOME MOVIES
WITH



WOLLENSAK LENSES



WOLLENSAK 16 mm. LENSES

for Better Movies



**Ciné Velostigmat f.1.5
For Indoors and Color**

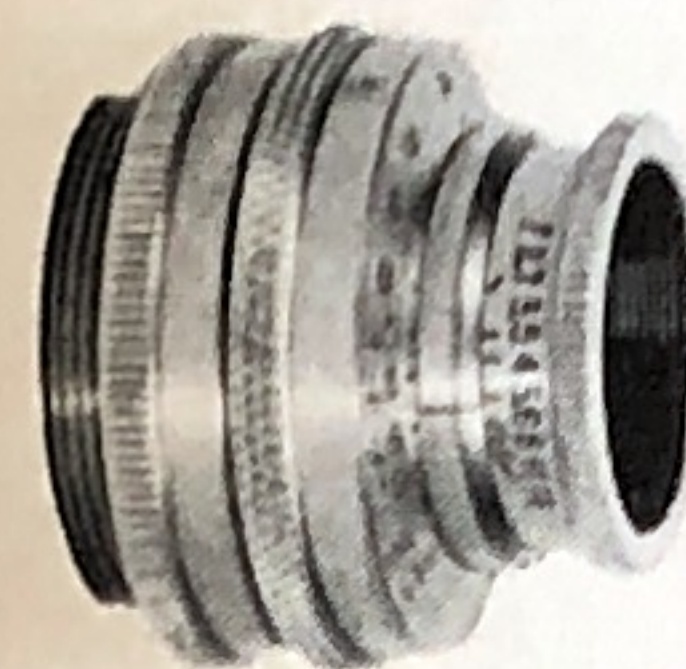
HERE is an ultra-fast lens for dull days, for evening scenes, for interiors, for shady woodland scenes and for slow motion, double and super speed exposures. In short, here's a lens that removes the bug-a-boo of adverse lighting conditions, and will give you the assurance that you can take good movies—color or black and white almost anywhere any time.

Its fine chromatic corrections lend itself superbly to color films, as well as black and white. It gives a perfectly flat field, bringing out sharply and clearly the most minute details.

The Ciné Velostigmat f.1.5 is supplied in a precision micrometer focusing mount that is accurately graduated for various distances from nearby to infinity.

1" focus f.1.5.....	\$50.00
Filter, any color.....	3.50
2" focus f.1.5.....	87.50
Filter, any color.....	5.00

**THESE 16 mm. LENSES FIT
PRACTICALLY ALL 16 mm. CAMERAS**



**Ciné Velostigmat f.2.7
For Wide Angle Work**



**Ciné Telephoto 1.3.5-1.4.5
For Long Shots**

THE 15 mm. focus f.2.7 gives an angle of view about 69% wider than a 1" lens. Recommended for use in confined spaces. Supplied in fixed focus type mount, and in a precision micrometer focusing mount graduated from 9" to infinity.

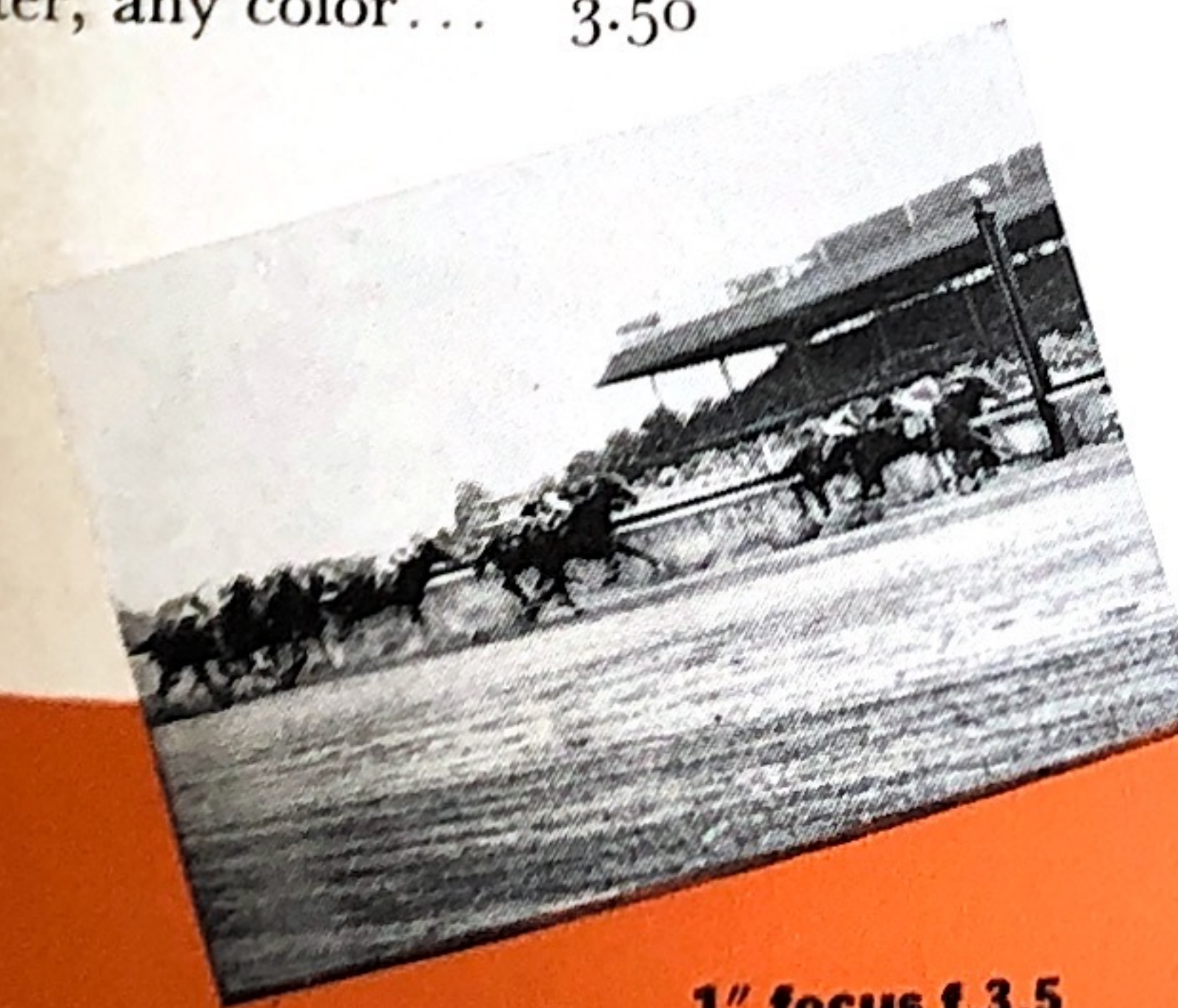
The f.2.7 lens is also available in the standard 1" focus. Both lenses are corrected for fine definition.

15 mm. focus f.2.7 in micrometer mount.	\$42.50
15 mm. focus f.2.7 in fixed focus mount.	27.50
Filter, any color ..	3.50
1" focus f.2.7 in micrometer mount.	37.50
Filter, any color...	3.50

THE Wollensak Ciné Telephoto lenses are precision built, to produce sharp, brilliant pictures to the very edge of the film and to work at speeds sufficiently fast to operate under almost all lighting conditions.

2" focus f.3.5....	\$35.00
Filter, any color..	3.50
3" focus f.4.....	50.00
Filter, any color..	3.50
4" focus f.4.5....	57.50
Filter, any color..	3.50
6" focus f.4.5....	75.00
Filter, any color..	5.00

Supplied with precision micrometer focusing mounts.



1" focus f.3.5



2" focus f.3.5

MAKE CLOSE-UPS OF DISTANT ACTION WITH

Telephoto Lenses

WHAT a telescope is to your eyes, a Wollensak Telephoto Lens is to your camera. On 16 mm. cameras it magnifies the equivalent of its focal length compared to ordinary one inch focus lenses (e.g. 3" focus magnifies 3 times), and on 8 mm. cameras the 1½" focus magnifies 3 times.

Surprise your friends with candid movie shots of them taken at a distance. "Shoot" wild animals in their natural haunts. Photograph games, races and outdoor sports at a distance and have them appear in large size when projected on the screen. It is simple and easy with a Telephoto. It adds to the naturalness of your movies because so many shots can be taken of unsuspecting subjects. In making surgical or industrial movies, a telephoto lens does away with need of working too close—you make your movies without disturbing operative progress.

Wollensak Telephoto lenses can be attached to most all movie cameras without special fitting.



3" focus f.4



4" focus f.4.5

WOLLENSAK 8 mm. LENSES



Ciné Telephoto f.3.5
Gives 3X Magnification



Ciné Telephoto f.2.7
Medium Telephoto

A TELEPHOTO lens is indispensable for the movie-taking fan who wants to obtain the utmost enjoyment from his hobby. With the Ciné Telephoto Lens *f.3.5* you can make close-ups of both nearby or distant objects. You can take candid "shots" of unsuspecting friends. You can "catch" children unawares, photograph wild animals, races, etc. at a distance. *It brings the picture to you.*

$1\frac{1}{2}$ " focus *f.3.5*... \$37.50
Filter, any color... 3.50
Supplied with precision micrometer focusing mount.

COMPARED to the standard $12\frac{1}{2}$ mm. lens used on 8mm. cameras, this 1" focus *f.2.7* Ciné Telephoto lens will give double magnification with a generous field of view. It is a highly corrected anastigmat that can be used for color films or black and white, and really fills an important niche in 8 mm. movie equipment. It is supplied in precision micrometer focusing mount, graduated to focus from $2\frac{1}{2}$ feet to infinity.

1" focus *f.2.7*... \$37.50
Filter, for above, any density or color. 3.50



6" focus *f.4.5*

for Better Movies

Ciné Velostigmat f.1.9
For Indoor Shots and Color



HERE is a grand lens for indoor shots and color movies. It has that extra speed that is so often needed for well-timed movies of evening scenes, woods, interiors and slow motion.

Make sure your equipment includes the *f.1.9* so you will be ready for every picture-taking opportunity—for speed, for color, sharp detail day or night.

This lens is exceptionally well corrected for use with color films either indoors or out. It gives sharp, brilliant detail right to the very edge of the frame, producing pictures that will sparkle with snap and brilliance when projected many times their own area.

The *f.1.9* Ciné Velostigmat is furnished in precision micrometer focusing mount and is graduated from 1 foot to infinity. It can be used as a universal focus if desired by setting the focusing scale to 25 feet and the diaphragm indicator to *f.5.6* or smaller.

$\frac{1}{2}$ " focus *f.1.9* in micrometer focusing mt. \$42.50
Filter, any color... 2.50

THESE 8 mm. LENSES AVAILABLE FOR KEYSTONE, BOLEX, REVERE, EMEL AND UNIVEX CAMERAS

DSI

FOR BETTER TONE VALUES



NATURAL GLASS COLOR FILTERS

NOWHERE is a color filter of more importance than in making movies. And no color filter gives better tone value, reproduces clouds more brilliantly or cuts through atmospheric haze more sharply than a Wollensak Natural Glass Filter.

These filters are not the gelatin type. They are made of the finest natural colored filter glass procurable. The color is fast and will not fade or deteriorate, regardless of climatic conditions.

Natural Glass Filters are available in seven densities:

2X and 4X Yellow filters absorb some of the blue and violet rays thus minimizing atmospheric haze. They are suitable for use on scenes or subjects requiring general color corrections throughout, such as beach and water scenes, closeups and general short distance shots, snow scenes, and cloud studies with little foreground suitable for use with either orthochromatic or panchromatic materials.

Red to be used chiefly with panchromatic materials for producing special effects, such as fake moonlight scenes, sunlit water against the light because they produce dark, over corrected skies and accentuate cloud

formations, also for filming subjects strong in red or brown where contrast is desired. Walnut and mahogany furniture is photographed through Red Filters to bring out the grain. Not intended for general use.

Green for landscapes, to produce a better black and white rendition of the green tone values. With panchromatic emulsions it holds back the blue and red rays making it useful also for cloud effects.

2X and 4X Neutral Density reduces the exposure without affecting the color values. To be used in strong light when the lens cannot be diaphragmed sufficiently for good exposure. Often required when filming water, beach, and snow scenes in bright sunlight.

Haze Filters are for use with Kodachrome film because ultra-violet light records on Kodachrome as violet. In making movies of distant scenes and at high altitudes where excess ultra-violet light prevails, a haze filter should be used.

These filters are colorless and require no change in exposure.

Each Wollensak Filter is fitted in a hand turned screw type mount. The complete range of sizes adapts them to all lenses of Wollensak manufacture and many others.

Movies Like These

WHEN YOU USE

WOLLENSAK

CINÉ VELOSTIGMAT LENSES

PICTURES that are sharp to the extreme edge of the frame—uniformly excellent in detail, strong in contrast, full of life and sparkle—that is what you get with Wollensak Velostigmat lenses. They offer you the ultimate in anastigmatic correction plus other distinctive qualities that add to fine picture production.

Each lens is carefully and individually corrected for spherical and chromatic aberration, coma, distortion and flare. Avail yourself of a trial privilege of these lenses from your dealer. Test them yourself. Judge the results by your pictures.

Velostigmat is a brand name. It identifies the highest type Wollensak lens. It is your guarantee of lens perfection.

The micrometer focusing mounts on Wollensak Ciné lenses are precision made and assembled. One indicator for both diaphragm and distance markings permits quick, accurate setting.

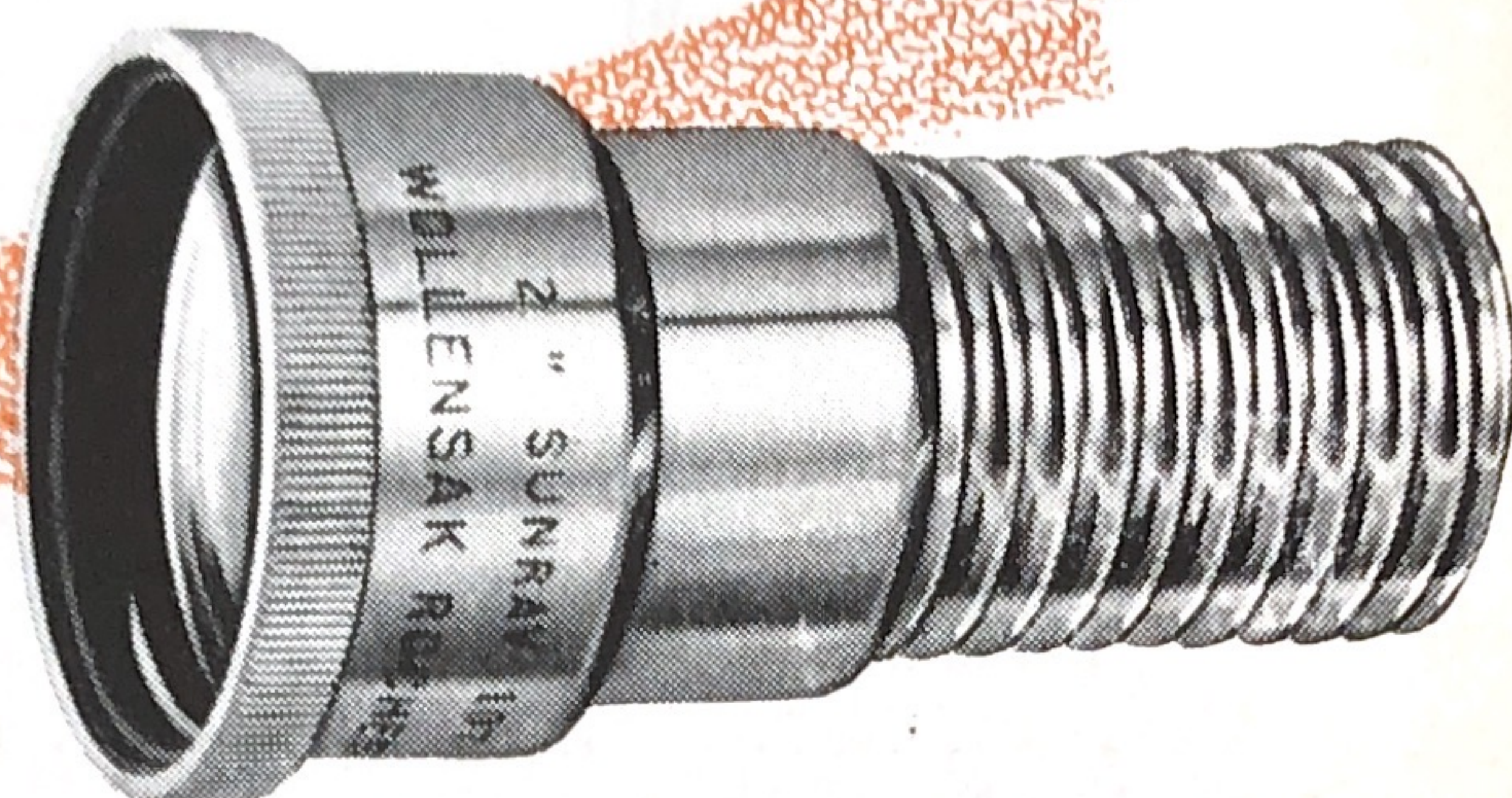


Indoor shot



Wide angle shot

**FOR CLEAR,
BRILLIANT
SCREEN IMAGES**



WOLLENSAK SUNRAY PROJECTION LENSES

THESE lenses are built with the same care and precision that characterize all Wollensak optical products. Computed to give maximum screen brilliance, they are made of the finest optical glass and are fabricated by the same workmen who make Wollensak Ciné Lenses, Microscopes and other technical precision products.

They supply the need for supplementing standard projection lens equipment by providing an extra lens to give a larger or smaller image at a given distance.

16 mm. Sunray Projection Lenses

$\frac{3}{4}$ " Focus 106 f.3 \$8.50	*2" Focus 107 f.1.6 . . \$15.00
1" Focus 106 f.2.46 . . . 8.50	3" Focus 107 f.2.3 . . 15.00
1 $\frac{1}{2}$ " Focus 106 f.1.8 . . 8.50	3 $\frac{1}{2}$ " Focus 107 f.2.7 . 15.00
2" Focus 106 f.2 8.50	4" Focus 107 f.2.8 . . 15.00
Spiral tube diameters 1"	*Spiral tube diameters 1" or 1 $\frac{5}{32}$ "

8 mm. Sunray Projection Lenses

$\frac{3}{4}$ " Focus 116 f.2 \$8.50	$\frac{3}{4}$ " Focus 117 f.1.8 . \$12.50
1" Focus 116 f.1.85 . . . 8.50	1" Focus 117 f.1.6 . . 12.50
1 $\frac{1}{2}$ " Focus 116 f.2.5 . . 8.50	1 $\frac{1}{2}$ " Focus 117 f.2 . . 12.50
Spiral tube diameter $\frac{11}{16}$ "	Spiral tube diameter $\frac{7}{8}$ "