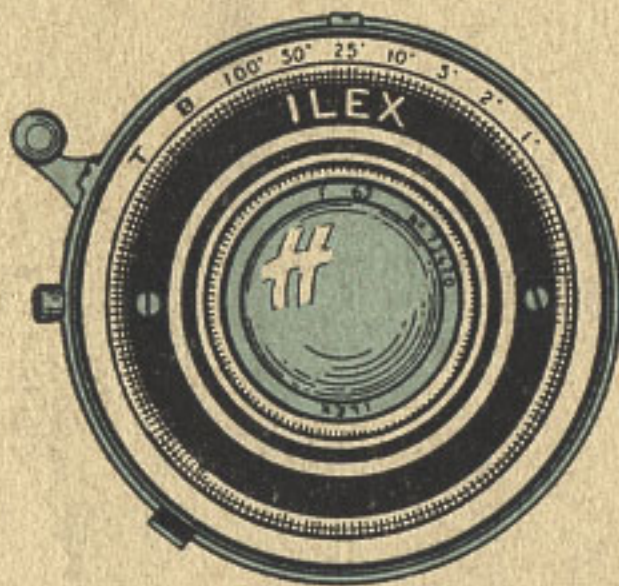


Madison 3316
Staley

Bus. - Mad-631

ILEX LENSES *and* SHUTTERS



E. W. STEWART & CO.

PHOTO SUPPLIES

939 Commerce St.

TACOMA, WASHINGTON



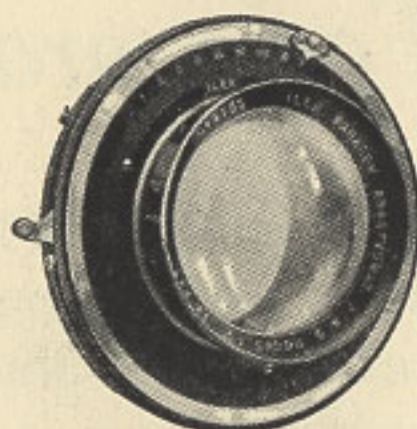
Foreword

OVER a decade ago the ILEX OPTICAL COMPANY entered the field as manufacturers of photographic shutters. The mechanism of ILEX Shutters was so novel, yet so obviously practical, that it met with instant marketing success. This type of shutter with a system of wheels to control the speeds was at once recognized as the only practical type of photographic shutter on the market. It has over a span of years proved its merit and today ILEX Shutters stand supreme.

Photographic lenses were the next ILEX contribution to photography. The enviable reputation earned for the name "ILEX" by our shutters did much to create interest in the line of ILEX lenses when they were first announced. These lenses soon proved that they did not require this most welcome heritage of repute, but were of the highest quality and could stand on their own merit. Every ILEX lens is computed, designed, manufactured and tested by ILEX Experts. Each is completely and entirely an ILEX development.

In the following pages, this meritorious line is listed and briefly described. Established photographic dealers thruout the country have them on display and invite comparative tests and trials. Such a trial will convince the most critical user of their great merit.

ILEX OPTICAL COMPANY,
ROCHESTER, NEW YORK.



Ilex-Paragon Anastigmat F:4.5

THE development and perfection of this series represents another forward stride in modern objectives.

The positive "Snap" and "Brilliancy," combined with great covering power and speed, makes it the ideal general purpose lens. It is particularly adapted for Speed, Commercial, Home and Studio Photography. Its great speed permits excellent results under the most trying conditions of lighting.

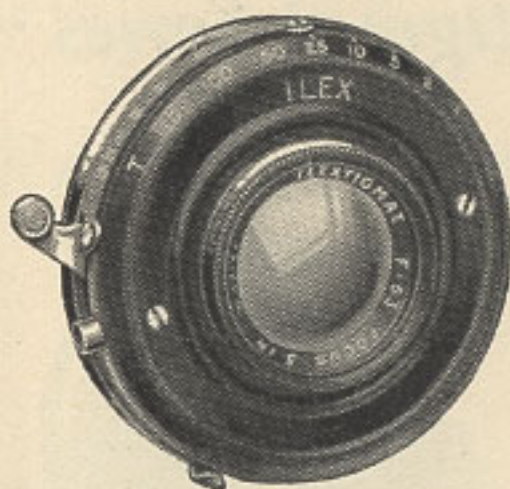
The F:4.5 rating does not completely describe the brilliance of image which makes it possible to get fully timed negatives with remarkably short exposures.

The lens records weak light with remarkable facility, hence a full range of half tones resulting in splendidly luminous prints are a PARAGON characteristic.

PRICE LIST—Ilex-Paragon Anastigmat F:4.5

Lens No.	Size of Plate Covered	Focus	Shutter No.	In Universal Shutter	In Acme Shutter	In Barrel	In 9x9* Ilexpo Shutter
0	2¼ x 3¼	3½	00		\$40.00	\$32.00	
1	3¼ x 4¼	5	1	\$41.50	45.00	35.00	
2	4 x 5	6½	2	46.00	50.00	40.00	
3	5 x 7	7½	3	58.00	62.50	48.00	
4	5 x 8	8½	4	75.00	80.00	65.00	
5	6½ x 8½	10	5	120.00		95.00	\$115.00
6	8 x 10	12	5	145.00		130.00	150.00
7	10 x 12	14¾				160.00	180.00
8	11 x 14	15¾				205.00	225.00
9	14 x 17	20				325.00	345.00

*10x10 Ilexpo can be obtained for \$2.00 additional.



Ilextigmat F:6.3

AN F:6.3 Anastigmat truly and actually anastigmatic with the advantage of two component elements of dissimilar focal lengths, which when used singly at slightly reduced apertures, produces images of unusual definition and brilliancy, thus giving in one mounting three lenses—each excellent for its purpose, each ready for unexpected conditions, which requires just the right focal length to get the desired result. Remarkably compact mounting, beautifully finished optically and mechanically correct in every detail.

Stopped down, operates satisfactorily as a medium wide angle lens covering one size plate larger than listed.

No.	Size of Plate Covered	Equiv. Focus	Shutter No.	In Barrel	In General	In Universal	In Acme	In Cells	Focus of Single Combinations	
									FRONT	BACK
0	2¼x3¼	3½"	00	\$24.00	\$24.50	.....	\$32.50	\$14.50	.....	.....
1	3¼x4¼	5"	0	29.50	30.00	\$34.50	38.00	20.00	11"	7¾"
2	4 x5	5¾"	1	33.00	34.00	37.00	40.50	22.00	12⅝"	8⅞"
3	3¼x5½	6½"	1	39.50	40.00	43.00	46.50	28.00	14¼"	10"
4	5 x7	7¼"	2	48.00	49.00	52.00	56.00	36.00	15⅞"	11⅜"
5	5 x8	8½"	3	62.00	63.25	66.25	70.75	48.25	18⅝"	13⅞"
6	6½x8½	10"	4	75.00	76.00	78.00	83.00	68.00	21⅜"	15⅞"
7	8 x10	12"	4	97.50	98.00	100.00	105.00	80.00	26⅜"	18½"
8	10x12	14¾"	5	140.00	.....	145.00	.....	.....	31⅜"	22⅜"
9	11x14	16½"	5	181.00	.....	185.00	.....	.....	36⅜"	25⅞"
10	14 x17	19½"	ILEXPO	240.00	260.00	.....	.....	.....	42¾"	30"
11	16x20	23½"	ILEXPO	320.00	340.00	.....	.....	.....	51½"	36¼"



Ilex-Anastigmat Series "D" F:7.5



THIS Series fulfills every requirement as a general purpose lens and is very desirable for views, landscapes, outdoor portraits and groups, copying, enlarging, press work, and, under favorable lighting conditions, for indoor portraiture as well.

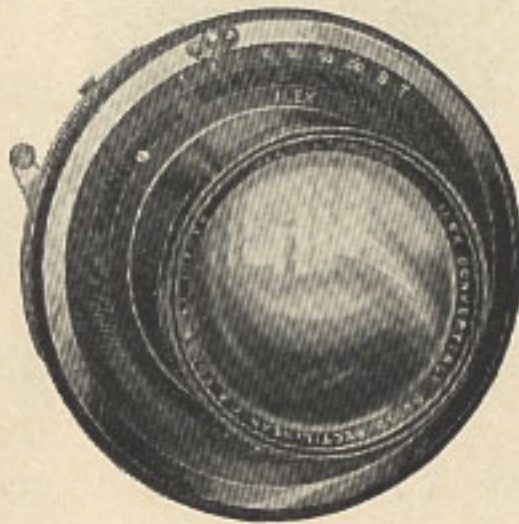
Fitted to an ILEX shutter, the smaller sizes make ideal combinations for hand camera use.

Ilex-Anastigmat Series "D" F:7.5

Lens No.	Size of Plate Covered	Focus	Shutter or Barrel No.	In Gen.	In Universal	In Acme	In Cells
0	1 $\frac{5}{8}$ x 2 $\frac{1}{2}$	3 $\frac{1}{2}$ "	00	\$17.00		\$25.00	\$ 7.00
1	2 $\frac{1}{4}$ x 3 $\frac{1}{4}$						
	2 $\frac{1}{2}$ x 4 $\frac{1}{4}$	5"	0	18.00	\$22.50	26.00	8 00
	3 $\frac{1}{4}$ x 4 $\frac{1}{4}$						
2	2 $\frac{7}{8}$ x 4 $\frac{7}{8}$	5 $\frac{3}{4}$ "	1	20.50	23.50	27.00	8.50
	4 x 5						
3	3 $\frac{1}{4}$ x 5 $\frac{1}{2}$	6 $\frac{1}{2}$ "	1	21.00	24.00	27.50	9.00
5	5 x 7	7 $\frac{1}{4}$ "	1	27.00	30.00	33.50	15.00
6	6 $\frac{1}{2}$ x 8 $\frac{1}{2}$	9 $\frac{1}{2}$ "	3	46.00	49.00	53.50	
7	8 x 10	12"	4	60.00	62.00	67.00	



Ilex Convertible Rapid Rectilinear F:8



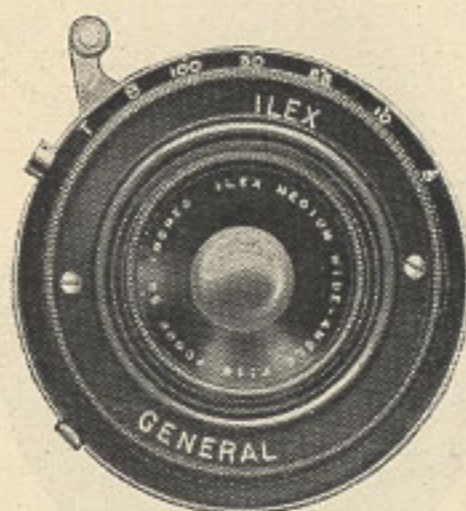
THE F:8 is a Rapid Rectilinear Convertible type and is highly recommended for general use where the finer optical corrections and greater speed are not essential.

Both elements being of different focal lengths and well corrected for use separately when slightly stopped down. Very satisfactory results in general view, landscape, commercial and enlarging can be obtained with this series.

Lens No.	Size of Plate Covered	Focus	Shutter or Barrel No.	In General	In Universal
1	3 $\frac{1}{4}$ x 4 $\frac{1}{4}$	5"	0	\$15.00	\$20.00
2	4 x 5	6 $\frac{1}{2}$ "	1	19.00	22.00
3	5 x 7	8"	1	20.00	23.00
4	6 $\frac{1}{2}$ x 8 $\frac{1}{2}$	10 $\frac{1}{2}$ "	3	33.00	36.00
5	8 x 10	12 $\frac{1}{2}$ "	4	41.00	43.00
6	10 x 12	16"	5		65.00
7	11 x 14	18 $\frac{1}{2}$ "	5		70.00
8	14 x 17	21"	5		78.00



Medium Wide Angle F:16



A POPULAR priced series of wide angle lenses which are designed to meet the demand for an all-around short focus lens.

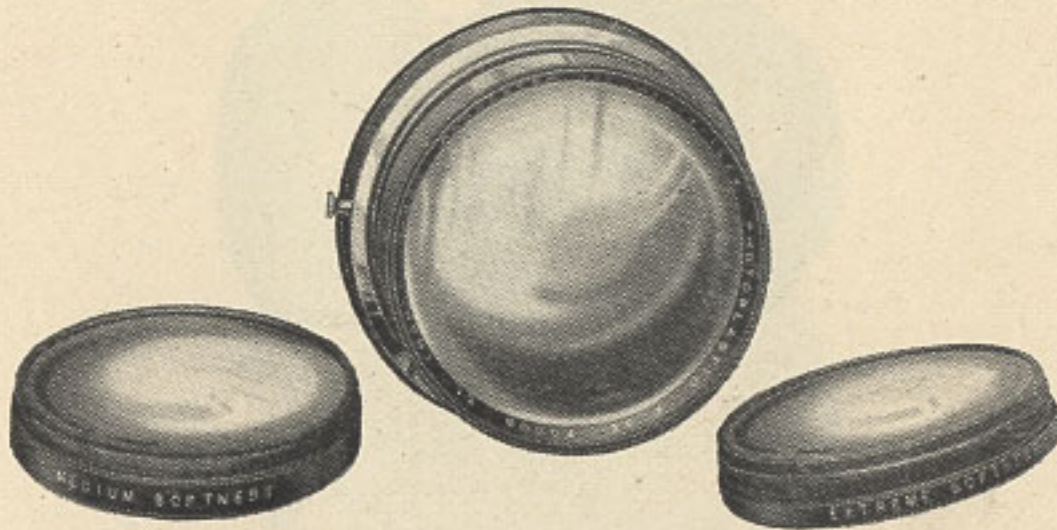
It renders satisfactory results for interior work, copying, flashlight photography, etc.

Medium Wide Angle F:16

Lens No.	Size of Plate Covered	Focus	Shutter No.	In General
1	5 x 7	4"	0	\$16.00
2	6½ x 8½	5½"	0	19.00
3	8 x 10	6½"	1	24.00
4	10 x 12	7¾"	1	29.00
5	11 x 14	9¼"	2	32.00
6	14 x 17	10¾"	2	37.00



Portrait Lenses



Photoplastic F:4.5

PORTRAITS of pleasing softness are not a passing fad but, on the contrary, mark a decided advance in artistic portraiture.

It is in the degree of "softness" that photographers differ.

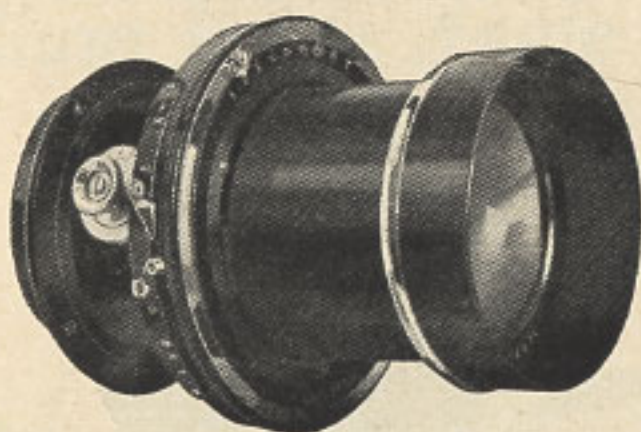
The ILEX PHOTOPLASTIC is designed to give just the effect which will meet the artist's taste and is best suited for the particular subject under consideration.

It has three distinct variations in softness: The regular rectilinear definition, medium softness, extreme softness. A separate rear element for each grade which obviates uncertainty as to the effect which will result.

With this lens, retouching is practically eliminated or reduced to a minimum.

Lens No.	Size of Plate Covered	Focus	Shutter No.	In Acme Shutter	In Uni-versal Shutter	In Gen-eral Shutter	In Bbl.	Single Ele-ments Extra	9x9* Ilexpo Shutter
1	Movie	4½"	1	\$26.50	\$23.00	\$20.00	\$20.00	\$4.50	\$
2	Movie	6"	2	33.00	29.00	26.00	26.00	5.00	
3	3¼x4¼	6½"	3	36.00	31.50	28.50	28.50	6.00	
4	4 x5	8½"	4	47.50	42.50	40.50	40.50	7.50	
5	5 x7	10½"	5		60.00		54.00	12.00	
6	6½x8½	13"	5		86.00		80.00	16.50	
7	8 x10	16"					98.50	20.00	118.50
8	11 x14	21"					150.00	25.00	170.00

*10x10 Ilexpo can be obtained for \$2.00 additional.



Ilex Portrait F:3.8

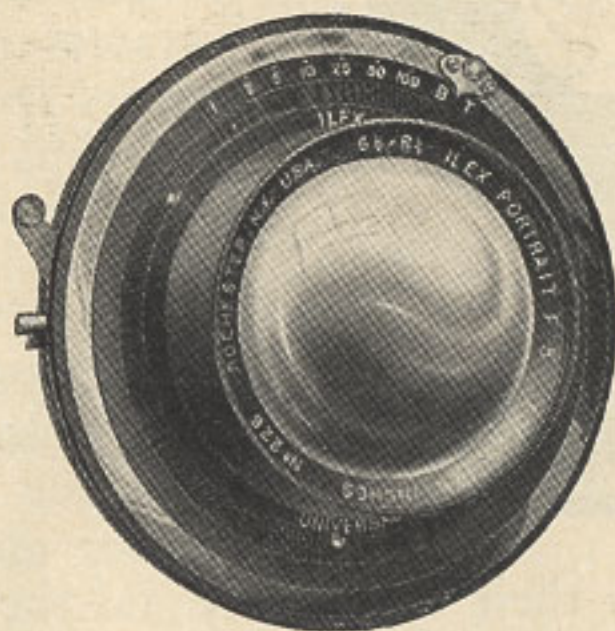
THE large aperture of this lens makes rapid exposures possible and renders beautifully plastic and harmonious portraits, with a warmth and roundness of field which makes the subject stand out in life-like relief. It is recommended for large heads, busts; three-quarter lengths and because of its extreme speed, particularly for child portraiture. With this speed, it is possible to obtain the most exquisite results even under the most unfavorable lighting conditions. Equipped with a diffusion device, just the degree of softness desired can be obtained. A worthy instrument to portray the art and skill of the expert photographer.

Lens No.	Size of Plate Covered	Focus	Shutter No.	Price in Barrel with Iris Diaphragm	Price in Universal Shutter	Price in 9x9 Ilexpo Shutter
1	5 x7	10	5	\$ 90.50	\$105.00	\$110.50
2	6½x8½	13		122.50		142.50
3	8 x10	16		167.50		187.50

10x10 Ilexpo can be obtained for \$2.00 additional.



Ilex Portrait F:5



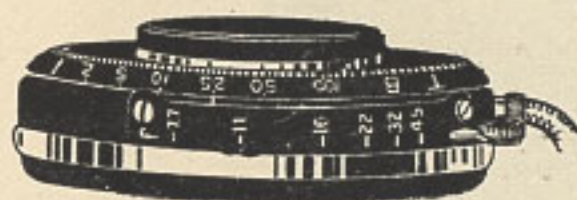
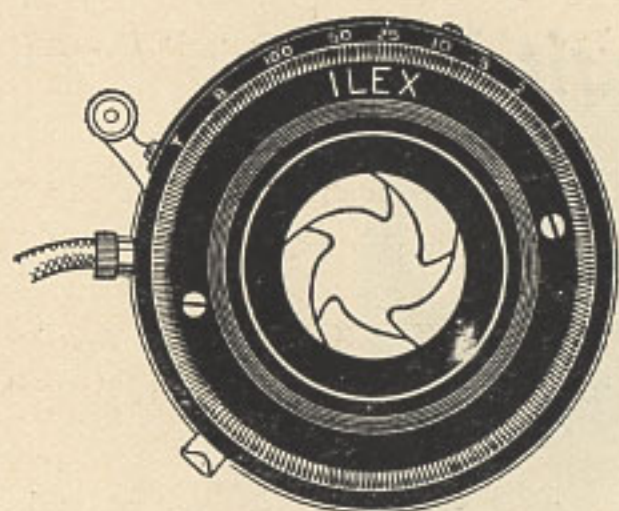
AN inexpensive portrait lens which, while lacking the speed of the F:3.8, nevertheless gives pleasing results in portraiture and large head work where speed is not essential. It, too, renders that beautifully rounded field so desirable in portraiture.

Lens No.	Size of Plate Covered	Focus	Shutter No.	Price in Barrel with Iris Diaphragm	Price in Universal Shutter	Price in Acme Shutter	Price in 9x9 Ilexpo Shutter
1	3¼x4¼	6½	3	\$15.50	\$27.50	\$32.00	\$35.50
2	4 x5	7¾	3	20.50	31.00	35.50	40.50
3	5 x 7	10½	5	26.00	45.50		46.00
4	6½x8½	12¾	5	38.00	53.00		58.00
5	8 x10	15½	5	52.00	66.50		72.00
6	11 x14	21½		69.00			89.00

10x10 Ilexpo can be obtained for \$2.00 additional



Ilex Shutters



THE original photographic shutter with a system of wheels to control its speeds and operation. This scientific mechanism insures absolute accuracy and reliability. The ILEX OPTICAL COMPANY were pioneers in the development of a dependable photographic shutter and to this day

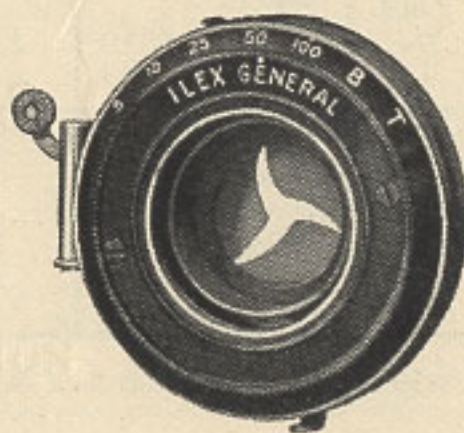
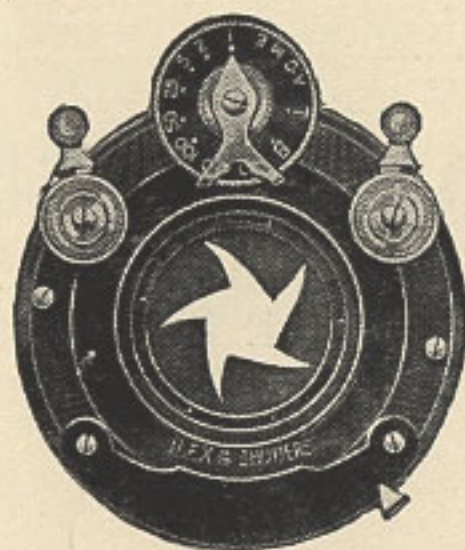
ILEX maintain their superiority in the shutter field. Furnished in three models as follows:

The ILEX-ACME Shutter, which is of the set type with speeds of one second, $\frac{1}{2}$ second, $\frac{1}{5}$ th, $\frac{1}{25}$ th, $\frac{1}{50}$ th, $\frac{1}{100}$ th, $\frac{1}{200}$ th, $\frac{1}{300}$ th and T & B.

The ILEX-UNIVERSAL Shutter, which is automatic in action and has speeds of one second, $\frac{1}{2}$ second, $\frac{1}{5}$ th, $\frac{1}{10}$ th, $\frac{1}{25}$ th, $\frac{1}{50}$ th, $\frac{1}{100}$ th and T & B.

The ILEX GENERAL Shutter, also automatic in action, with speeds of $\frac{1}{5}$ th, $\frac{1}{10}$ th, $\frac{1}{25}$ th, $\frac{1}{50}$ th, $\frac{1}{100}$ th and T & B.

The mechanism is so arranged that any intermediate speed other than those indicated can be obtained by setting the indicator at



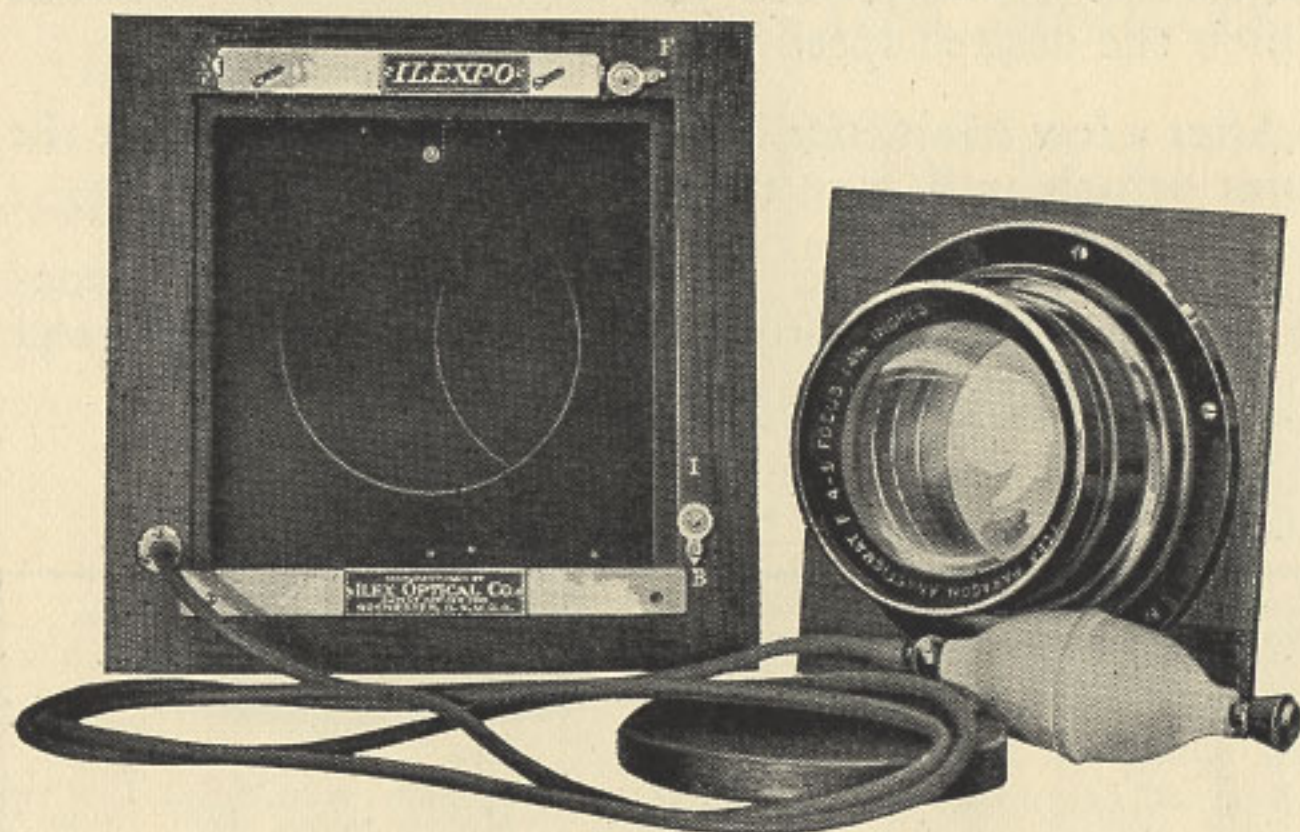


the correct point between the two indications between which the desired speed would come.

After a few trials, one can very closely approximate the point which will give the required exposure.

ILEX Shutters are instruments of precision, constructed on the same principle as a high-grade timepiece and are positively guaranteed.

Lens No.	Light Aperture	Lens Opening	Outside Diameter	Acme	Uni- versal	General	Precise
00	$\frac{11}{16}$ "	$\frac{7}{8}$ "	$1\frac{7}{8}$ "	\$18.00			
00	$\frac{13}{32}$ "	$\frac{13}{16}$ "	$1\frac{9}{16}$ "			\$10.00	\$8.00
0	$\frac{3}{4}$ "	$1\frac{1}{16}$ "	$2\frac{1}{16}$ "	18.00	\$14.50	10.00	8.00
1	1"	$1\frac{3}{16}$ "	$2\frac{1}{4}$ "	18.50	15.00	12.00	
2	$1\frac{3}{8}$ "	$1\frac{7}{16}$ "	$2\frac{5}{8}$ "	20.00	16.00	13.00	
3	$1\frac{3}{8}$ "	$1\frac{3}{4}$ "	3"	22.50	18.00	15.00	
4	$1\frac{3}{4}$ "	$2\frac{1}{16}$ "	$3\frac{5}{8}$ "	25.00	20.00	18.00	
5	$2\frac{1}{2}$ "	3"	5"		30.00		



Ilexpo Shutters

A BEHIND-THE-LENS Studio shutter so constructed as to permit its use with innumerable lens equipments. Each lens is fitted to an individual insert board which is supplied at \$1.50.

To operate, set top indicator at "F" for focusing and bottom indicator at the exposure desired, "B" (bulb) or "I" (instantaneous). After focusing, pressure of bulb closes shutter blades, which is then ready for exposure.

For long exposures, set at "B" and hold pressure until expiration of time limit. For short exposure, set at "I." Instantaneous exposures are regulated by pressure of bulb. A quick pressure renders fast speed; slower pressure correspondingly slower speed.

An efficient and economical studio necessity. Its simplicity of construction and operation is an advantage appreciated by every photographer.

Bulb and tube furnished with each ILEXPO Shutter.

No.	Light Aperture	Lens Opening	Outside Dimensions	Price
1	4 $\frac{1}{8}$ "	4 $\frac{1}{2}$ "	9" x 9"	\$20.00
2	4 $\frac{1}{8}$ "	4 $\frac{1}{2}$ "	10" x 10"	22.00