



THE ROSS XPRES LENS

These lenses are the finest examples of modern most ultra rapid lenses. Cinematograph, Reflex, Focal Plane and Press Photographers will find them invaluable. A distinctive feature of F/3.5 lens is its wide angle of view.

PRICES ROSS XPRES LENS, f/1.9

Equiv. Focus		Plate Covered	Flange Size	In Iris Setting	Code Word Iris Setting	Flange Size	In Focussing Jacket	Code Word Focussing Mounts
mm.	in.	mm.	in.	£ s. d.		in.	£ s. d.	
25	1	16 × 12 in.	1½	10 0 0	Yeda	1½	11 0 0	Yedafo
38	1½	1 × ¾	1½	10 10 0	Yefe	1½	12 0 0	Yefefo
50	2	1 × ¾	1½	11 0 0	Yegi	1½	12 15 0	Yegifo
75	3	2½ × 1¾	2	13 0 0	Yeho	2¼	15 0 0	Yehofo

ROSS XPRES LENS, f/2.9

Equiv. Focus		Plate Covered	Price Iris or Sunk Setting	Code Word Iris Setting	Price in Focussing Mounts	Code Word Focussing Mounts
mm.	in.	in.	£ s. d.		£ s. d.	
25	1	16 × 12 mm.	8 10 0	Zuabo	—	—
50	2	1 × ¾	9 0 0	Zuace	10 10 0	Zuaec
62	2½	1 × ¾	9 15 0	Zuadi	11 5 0	Zuaid
75	3	2½ × 1¾	10 10 0	Zuafo	12 0 0	Zuaof
144	5½	3½ × 2½ & 4½ × 3½	15 10 0	Zubal	18 0 0	Zubla
165	6½	4½ × 3½ & 5 × 4	17 10 0	Zucem	21 0 0	Zucme
215	8½	5 × 4 & 6½ × 4½	25 0 0	Zudin	—	—
254	10	6½ × 4½	35 0 0	Zufop	—	—

ROSS XPRES LENS, f/3.5

Equiv. Focus		Plate Covered	Price in Iris or Sunk Setting	Code Word Iris Setting	Price in Focussing Mounts	Code Word Focussing Mounts
mm.	in.	in.	£ s. d.		£ s. d.	
38	1½	1 × ¾	6 10 0	Zabse	7 12 6	Zebune
50	2	1 × ¾	6 10 0	Zenar	7 12 6	Zecto
75	3	1½ × 1	7 10 0	Zecuno	8 12 6	Zoton
90	3½	2½ × 1¾	8 0 0	Zecupa	9 10 0	Zotup
100	4	2½ × 1¾	9 0 0	Zedan	11 0 0	Zedna
112	4½	3½ × 2½	10 0 0	Zefep	12 5 0	Zefpe
136	5½	4½ × 3½	11 10 0	Zegir	13 15 0	Zegsi
152	6	4½ × 3½	12 15 0	Zehos	15 5 0	Zehfto
165	6½	5 × 4	14 0 0	Zejut	—	—
184	7½	5½ × 3½	16 0 0	Zekav	—	—
254	10	6½ × 4½	30 0 0	Zelew	—	—

In sunk settings for Reflex Cameras at same price as ordinary mounts

The Special Focussing Mounts are for Hand Cameras of fixed extension

These special mounts do not admit of between-lens Shutters

Cost of pairing lenses for Stereoscopic work 15/-.

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THE ROSS TELEROS LENSES



These lenses can definitely be claimed to be the finest of their type. The Teleros F/5.5 (Two Power) and F/6.3 (Three Power) give an image rather more than twice or three times as large respectively as that of an ordinary lens from the same viewpoint. Giving critical definition they are perfect for high speed photography of inaccessible objects and those difficult to approach.

PRICES ROSS TELEROS LENS, f/5.5 (Two Power)

Equiv. Focus	Size Plate	Flange Inside dia.	Length Over-all	Infinity Back Cell to Screen	Back Cell to Flange	Price in Iris Setting	Code Word
in.		in.	in.	in.	in.	£ s. d.	
6½	2½ × 1½	1½	1½	3½	1½	10 0 0	Tilau
9	3½ × 2½	1½	2½	4½	1½	11 10 0	Tilba
11	4½ × 3½	1½	3½	5½	1½	14 0 0	Tilce
12	5 × 4	1½	3½	5½	1½	15 5 0	Tildi
13	5½ × 3½	2	3½	6½	1½	16 15 0	Tilfo
17	6½ × 4½	2½	4½	8	1½	27 10 0	Tilgu
22	8½ × 6½	3	6½	10	2½	47 0 0	Tilhe
40 f/8	8½ × 6½	3½	10½	20	3½	85 0 0	Tilji

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Mounted in Focussing Settings.

Equiv. Focus	Flange Sizes	Price	Code Word
in.	in.	£ s. d.	
*4	1½	8 10 0	Tilica
6½	1½	12 10 0	Tilaus
9	1½	14 0 0	Tilhas
11	2	17 10 0	Tiljes
12	2½	18 15 0	Tilkis
13	2½	20 5 0	Tillos

Teleros Lenses in Iris Settings with threaded back cells for screwing into shutters.

Equiv. Focus	Compur
in.	
6½	No. 00-0
9	" 0S
11	" 1S
12	" 1S
13	" 2-4/1
17	" 3-6/1

* In Leica Setting, complete with hinged finder mask.

ROSS TELEROS LENS, f/6.3 (Three Power)

Equiv. Foc.	Plate Covered	Flange Inside Dia.	Length Over-all	Infinity Back Cell to Screen	Back Cell to Flange	Price in Iris Setting	Code Words	Shutters Suitable
in.	in.	in.	in.	in.	in.	£ s. d.		
9	2½ × 1½	1½	3½	3½	1½	11 10 0	Triras	1 Compur
13	3½ × 2½	1½	4½	4½	1½	14 10 0	Trirer	2/5 "
17	4½ × 3½	2	5½	6½	1½	22 0 0	Tririu	4 compound
25	6½ × 4½	2½	8½	8½	1½	47 0 0	Trirov	5 "

Prices in focussing settings on application.

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THE ROSS XPRES LENS

The Ross Xpres F/4.5 lens combines extreme speed with a quality of definition unequalled in lenses of the same aperture. Its critical definition at full aperture is maintained over the whole of the plate. Faults usually associated with similar lenses such as Ghost, Flare and Coma are totally absent.

PRICES ROSS XPRES LENS, f/4.5

Equiv. Focus		Plate Covered	Price in Iris or Sunk Setting	Code Word Iris Setting	Price in Focussing Mounts	Code Word Focussing Mounts
mm.	in.		£ s. d.		£ s. d.	
75	3	2 $\frac{1}{8}$ × 1 $\frac{3}{4}$	6 5 0	Xasal	—	—
90	3 $\frac{1}{2}$	3 $\frac{1}{4}$ × 2 $\frac{1}{4}$	6 5 0	Xama	—	—
105	4 $\frac{1}{8}$	3 $\frac{1}{4}$ × 2 $\frac{1}{2}$	7 0 0	Xanaf	—	—
112	4 $\frac{3}{8}$	3 $\frac{1}{2}$ × 2 $\frac{3}{8}$	7 0 0	Xapel	8 15 0	Xeptre
120	4 $\frac{1}{4}$	3 $\frac{1}{2}$ × 2 $\frac{1}{2}$	7 0 0	Xalas	8 15 0	Xartra
127	5	4 × 3	7 10 0	Xaqes	—	—
136	5 $\frac{3}{8}$	4 $\frac{1}{4}$ × 3 $\frac{1}{4}$	7 10 0	Xeros	9 10 0	Xestree
140	5 $\frac{1}{2}$	4 $\frac{1}{4}$ × 3 $\frac{1}{4}$	7 10 0	Xemes	9 10 0	Xemtred
152	6	5 × 4	8 10 0	Xines	10 15 0	Xintrop
165	6 $\frac{1}{2}$	5 $\frac{1}{2}$ × 3 $\frac{1}{2}$	10 0 0	Xopos	12 5 0	Xoptemp
184	7 $\frac{1}{4}$	6 $\frac{1}{2}$ × 4 $\frac{3}{4}$	11 0 0	Xugus	13 10 0	Xuqtrowp
215	8 $\frac{1}{2}$	7 × 5	14 10 0	Xares	—	—
254	10	8 × 5	20 0 0	Xesis	—	—
305	12	8 $\frac{1}{2}$ × 5	29 0 0	Xitos	—	—
360	14	10 × 8	40 0 0	Xusic	—	—
420	16 $\frac{1}{2}$	10 × 8	50 0 0	Xovus	—	—
533	21	12 × 10	75 0 0	Xuras	—	—

In sunk settings for Reflex Cameras at same price as ordinary mounts.

The Special Focussing Mounts are for Hand Cameras of fixed extension.

These special mounts do not admit of between-lens Shutters.

Cost of pairing lenses for Stereoscopic work, 15/-.

THE f/4 WIDE ANGLE ROSS XPRES LENS

The angle embraced by this lens is 70° and the definition is maintained from centre to margin at full aperture. Designed for special aerial surveying, it is eminently suitable for all classes of work where critical definition together with large aperture and great covering power are required.

Equiv. Focus	Plate Covered at Full Aperture	Price	Code Word Iris Setting	Code Word In Special Mounts with Long Screw threads and Clamping Flanges
in.	in.	£ s. d.		
4	4 $\frac{1}{4}$ × 3 $\frac{1}{4}$ or 5 × 4	12 0 0	Wads	Wadaf
5	5 × 4 or 5 × 5	14 0 0	Wafs	Wafaf
6	6 $\frac{1}{2}$ × 4 $\frac{3}{4}$	15 10 0	Wags	Wagaf
7	7 × 7 or 8 × 5	21 0 0	Wais	Waaf
8 $\frac{1}{2}$	9 × 7	24 10 0	Wals	Walaf
10	10 × 8	33 0 0	Wams	Wamaf
12	12 × 10	46 0 0	Waps	Wapaf
14	15 × 12	67 0 0	Wars	Waraf
20	22 × 18	125 0 0	Wass	Wasaf

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THE ROSS PROCESS XPRES LENS AND REVERSING PRISMS FOR LINE, HALF-TONE AND THREE-COLOUR WORK.

The Process Xpres Lens has been specially designed to meet the most exacting requirements of all branches of modern process work. It is unrivalled for three-colour photography and the finest line and half-tone work.

PRICES

Focus		Aperture	Plate covered at full aperture copying same size	Price			Code Word	Prism No.
mm.	in.			£	s.	d.		
330	13	F/9	13 × 9	15	0	0	Phaba	1
406	16	F/10	15 × 12	20	0	0	Phace	1a
460	18	F/10	18 × 13	24	0	0	Phadi	2
530	21	F/10	20 × 16	28	0	0	Phafo	3
635	25	F/10	25 × 18	38	0	0	Phagu	4
760	30	F/16	30 × 20	48	0	0	Pheha	4
914	36	F/16	36 × 24	68	0	0	Pheje	5
1066	42	F/16	40 × 30	87	0	0	Pheli	6
1130	48	F/16	45 × 36	110	0	0	Phemo	6

If a Lens is required with a Reversing Prism add the letter "P" to code word for Lens.

ROSS REVERSING PRISMS for Photo-Mechanical Work

These Prisms are made of carefully annealed colourless crown glass and are accurately rectangular. The mount of the Prism screws directly to the hood of the lens bringing one of the non-reflecting surfaces close up to the front lens. The Prism is thus used to full advantage. The Hypotenuse surfaces are silvered to ensure complete reflection. To obtain accurate centering it is necessary to send your lens when ordering.

PRICES of Prisms mounted in Metal Box with revolving collar.

No.	Length and Breadth of non reflecting surfaces		Price			Code Word
	in.	mm.	£	s.	d.	
1	2 $\frac{1}{2}$	65	18	0	0	Promote
1a	2 $\frac{1}{2}$	70	22	0	0	Promost
2	3	75	26	0	0	Promont
3	3 $\frac{1}{2}$	80	30	0	0	Promove
4	3 $\frac{1}{2}$	90	38	0	0	Prompt

Prices for Apochromatic Lens of similar foci for colour work and Prisms of larger size on application.



THE ROSS HOMOCENTRIC LENSES

The Homocentric Lenses are excellent anastigmats, suitable for practically all branches of photography. The smaller sizes are most popular for small hand cameras. The single components of the F/6.3 and F/8 lenses give very good results with a medium stop.

PRICES

ROSS HOMOCENTRIC LENS, f/6.3

Equiv. Focus		Plate Covered		Flange Sizes	Price in Iris Setting	Code Word
		Full Aperture	Medium Stops			
mm.	in.	in.	in.	in.	£ s. d.	
127	5	$4\frac{1}{2} \times 3\frac{1}{2}$	5×4	$1\frac{1}{8}$	5 10 0	Heath
140	$5\frac{1}{2}$	$4\frac{1}{2} \times 3\frac{1}{2}$	6×5	$1\frac{1}{4}$	5 15 0	Hebra
152	6	5×4	$6\frac{1}{2} \times 4\frac{3}{4}$	$1\frac{1}{2}$	6 2 6	Hector
165	$6\frac{1}{2}$	$5\frac{1}{2} \times 3\frac{1}{2}$	7×5	$1\frac{3}{4}$	6 12 6	Hecat
178	7	$6\frac{1}{2} \times 4\frac{3}{4}$	$7\frac{1}{2} \times 5$	$1\frac{3}{4}$	7 2 6	Hedon
218	$8\frac{1}{2}$	$7\frac{1}{2} \times 5$	$8\frac{1}{2} \times 6\frac{1}{2}$	2	9 2 6	Heeg
254	10	$8\frac{1}{2} \times 6\frac{1}{2}$	10×8	$2\frac{1}{4}$	12 15 0	Hefra
305	12	10×8	12×10	$2\frac{3}{4}$	18 15 0	Hegron
380	15	12×10	15×12	$3\frac{1}{2}$	26 5 0	Hehlor

ROSS HOMOCENTRIC LENS, f/8

Equiv. Focus		Plate Covered		Flange Sizes	Price in Iris Setting	Code Word
		From	To			
mm.	in.	in.	in.	in.	£ s. d.	
178	7	$6\frac{1}{2} \times 4\frac{3}{4}$	$8\frac{1}{2} \times 6\frac{1}{2}$	$1\frac{1}{2}$	6 15 0	Hida
218	$8\frac{1}{2}$	$7\frac{1}{2} \times 5$	10×8	$1\frac{3}{4}$	8 5 0	Hiendel
254	10	$8\frac{1}{2} \times 6\frac{1}{2}$	12×10	2	11 0 0	Hifar
305	12	10×8	15×12	$2\frac{1}{4}$	15 0 0	Higor
380	15	12×10	18×16	$2\frac{3}{4}$	20 0 0	Hihone
455	18	13×11	22×18	$3\frac{1}{4}$	28 0 0	Hikur
533	21	15×12	25×22	$3\frac{1}{2}$	37 0 0	Hileh
610	24	18×16	30×24	4	47 0 0	Himal

Special Focussing Mounts, provided with Iris Diaphragms, are supplied at a small extra cost for use with Cameras of fixed extension. These special mounts do not admit of between-lens shutters.

Cost of pairing two Lenses for Stereoscopic Work, 15/-