

21 mm
28 mm
35 mm
50 mm
65 mm
90 mm
125 mm
135 mm
200 mm
280 mm
400 mm



The latest scientific knowledge, developments of our own glass research laboratories, highest quality raw materials, precision manufacturing methods, rigorous testing and traditional LEITZ pride of achievement are the prime ingredients of:

LEICA lenses



Better pictures through precision optics

Leitz
WETZLAR

Modern photographers are especially demanding—that's why the leaders choose LEICA®! Its famous ruggedness, reliability and precision have earned the LEICA an unmatched world-wide reputation for excellence. Always ready for action, this foremost precision camera captures the "decisive moment" as easily as it records the finest image detail.

With its carefully thought out family of interchangeable LEICA lenses, from the ultra-wideangle 21 mm SUPER-ANGULON to the distance-compressing 400 mm TELYT, the LEICA is unbelievably versatile, enabling the Leicaman to select the focal length best suited to his immediate purposes and to create effectively individual photographs. By varying his shooting distance and selecting the appropriate lens, the Leicaman can fill his negative with the subject-matter he wants and at the same time achieve any desired perspective rendition. This flexibility is especially important to the color photographer since transparencies cannot effectively be cropped for projection without a loss of picture impart. More than this, he can rely upon the excellence of LEITZ optics to yield negatives and color transparencies of the highest quality. LEICA lenses are highly corrected, especially for color, and are famous for their freedom from vignetting and corner-to-corner sharpness, even at full aperture. Incorporating the latest high-refractive rare-earth optical glasses (many of which were invented by our own glass research laboratories), and protected against internal reflections by special high-efficiency coatings, LEICA lenses provide real gains in image quality which will be appreciated by expert and beginner alike.

The LEICA camera's incredibly accurate focal-plane shutter permits the universal application of high-speed and/or long-focus lenses without any loss of efficiency. With high-speed LEICA lenses one can make pictures wherever one can see, without needing to resort to artificial light-sources.

® = registered trademark

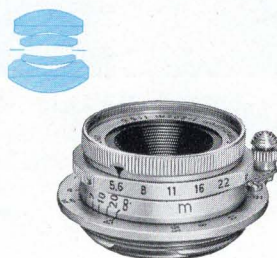


Angle of view	92°
Number of elements	9
Click-stops	f/4–f/22
LEITZ filter size	E 39
For M1, M2 and M3	11 102 L
In screw-mount	11 002 K
Bright-line viewfinder	12 002 L
Lens hood	12 502 N

21 mm **Super-Angulon**® f/4

An ultra-wideangle lens with tremendous depth-of-field. At f/8 its zone of sharpness extends from 28 inches to infinity, and at a shooting distance of 5 feet it covers a subject more than 8 feet wide! Especially valuable for close-in shooting of architectural, industrial and other cramped indoor situations, as well as for landscapes and all subjects requiring the widest coverage possible. Capable of the most surprising pictorial effects, this lens offers the ambitious photographer a truly challenging creative tool.

28 mm



Angle of view	76°
Number of elements	6
Click-stops	f/5.6–f/22
LEITZ filter size	A 36
In screw-mount	11 001 J
Bayonet adapter-ring	
For M1, M2 and M3	14 097 D
Bright-line viewfinder	12 007 R
Lens hood	12 500 Y

28 mm **Summaron**® f/5.6

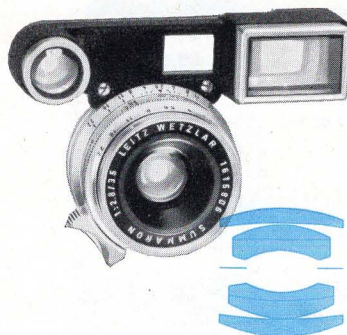
A very wideangle lens whose field of view lies approximately midway between that of the 21 mm SUPER-ANGULON and the normal 35 mm wideangle lenses. At f/8 its depth-of-field ranges from 5 feet to infinity, while from a distance of 5 feet it encompasses 6 feet of subject-width. Used at close distances it has the ability of emphasizing foreground perspective, although not to the same extreme degree as the 21 mm. Extremely useful for most normally encountered wideangle subjects, the 28 mm has additional applications as a candid snap-shot lens in which its great depth-of-field is a positive advantage.



Angle of view	64°
Number of elements	8
Click-stops	f/2-f/16
LEITZ filter size	E 39
For M1, M2	11 308 A
For M3	11 108 S
In screw-mount	11 008 Z
Bright-line viewfinder	12 010 P
Lens-hood	12 571 J

35 mm **Summicron**® f/2

Equal in performance to the 50- and 90 mm SUMMICRON lenses which have become the modern yardsticks for optical excellence, this high-speed wideangle lens is noted for its extreme corner-to-corner sharpness and absence of vignetting, even at f/2. With its combination of speed plus wide angle of view, the 35 mm SUMMICRON is an ideal choice for candid color work, as well as for frequently encountered situations in which the field of the normal 50 mm lens is too constricting.



Angle of view	64°
Number of elements	6
Click-stops	f/2.8-f/22
LEITZ filter size	E 39
For M1, M2	11 306 Y
For M3	11 106 Q
In screw-mount	11 006 P
Bright-line viewfinder	12 010 P
Lens-hood	12 571 J

35 mm **Summaron**® f/2.8

Sometimes called "the Leica's basic wideangle", this is the popular choice for black-and-white and color photography whenever ultra-high-speed lenses aren't required.

Note: All bayonet-mount LEITZ wideangle lenses are available with integral optical viewing unit for the M3 and without this unit for the M2, which has a built-in 35 mm finder. The 35 mm f/2 and f/2.8 lenses are also available in screw-mount for older LEICAs. The bright-line accessory viewfinder is used with screw-mount LEICA cameras; it is not needed with any of the M-series LEICAs except when an M2 wideangle is used with the LEICA M3.

35mm

Wideangle lenses are noted for the increased amount of subject-matter included in the picture from any given shooting distance, as well as for their increased depth-of-field as compared to other focal lengths used at the same apertures and shooting distances. They are indispensable for picture-making in narrow streets and small rooms, for architectural and industrial photography, and whenever one just isn't able to back far enough away to get the whole subject in the picture. Their generous depth-of-field permits sharpness from nearby foreground to distant background subjects. Their splendid suitability for candid snap-shooting can be seen from the fact that when a 35 mm wideangle lens is stopped down to the average opening of f/5.6 and focused at 10 feet, the zone of sharpness extends from just under 7 to almost 20 feet. Another advantage of the wideangle lens is its ability to give strong emphasis to nearby foreground objects with a rapidly receding background. These and other pictorial effects make the 35 mm wideangle by far the most important of the LEICA's many accessory focal lengths.



Angle of view	64°
Number of elements	7
Click-stops (with half-stop clicks)	f/1.4-f/16
Supplied with lens hood	
LEITZ filter size	E 41
For M1, M2	11 870 Z
For M3	11 871 N

35 mm **Summilux**® f/1.4

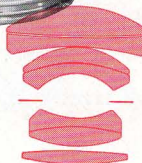
This super-speed wideangle lens opens new horizons in "available darkness" photography, particularly for the color worker. With its sharp-cutting f/1.4 aperture, wideangle pictures can be made under practically any lighting conditions with reasonably fast shutter speeds for improved action stopping. (The 35 mm SUMMILUX f/1.4 is supplied with its own special rectangular lens hood included in the price of the lens.)

50mm

Providing a comfortable field-angle of 45° that's neither too wide for general outdoor photography, nor too narrow for most indoor situations, the 50 mm "normal-focus", or "standard", lens has withstood the tests of time and experience to remain the top favorite of expert and tyro alike. By far the best general-purpose focal length, this is the lens most Leicamen choose for most of their pictures. From landscapes to portraits, few subjects fall outside the range of this most versatile of all LEICA lenses. For this reason LEITZ has traditionally offered a wide selection in this key focal length, and today's 50 mm LEICA lenses range in aperture from the super-speed SUMMILUX f/1.4 to the medium-speed ELMAR f/2.8. Between these is the famous SUMMICRON f/2, perhaps the most outstanding 50 mm lens ever achieved, and the modern standard by which other lenses are judged.

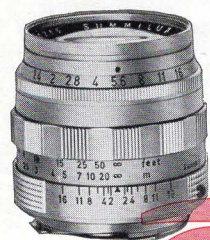


Angle of view	45°
Number of elements	7
Click-stops	f/2-f/16
LEITZ filter size	E 39
For M1, M2 or M3	11 818 R
In screw-mount	11 018 J
With close-focusing range, for M1, M2 and M3	11 918 M
Lens hood	12 571 J

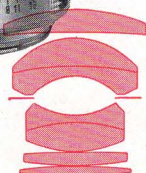


50 mm **Summicron**® f/2

The 50 mm SUMMICRON is a masterpiece of optical engineering, delivering high speed with actual gains in image quality. Even at f/2 its corner-to-corner sharpness, contrast and resolving power are outstanding. The lens for exacting photographers who demand high speed plus critical definition, the 50 mm Summicron is offered in two rigid mountings with removable lens-heads for use in various LEITZ close-focusing and copying devices. In addition to the standard model, with focusing range from infinity to 40 inches, the special "dual-range" model has an additional close-focusing range bringing LEICA rangefinder accuracy and automatic parallax compensation down to 19 inches from the film-plane.



Angle of view	45°
Number of elements	7
Click-stops	f/1.4-f/16
LEITZ filter size	E 43
For M1, M2 or M3	11 114 F
In screw-mount	11 014 E

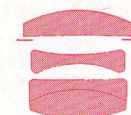


50 mm **Summilux**® f/1.4

Indispensable whenever dim available light must suffice without the use of flash, this ultra-high-speed lens is a favorite of professional photo-journalists and adventurous amateurs who regard difficult lighting conditions not as a barrier but a challenge. Its advanced design and rare-earth glass construction yield surprising crispness and freedom from vignetting at full aperture. With its tremendous speed and excellent quality this "night-and-day" lens makes available-light **color** photography a practical reality. (The price of the 50 mm SUMMILUX includes its own special reversible lens hood and lens-hood cap.)



Angle of view	45°
Number of elements	4
Click-stops	f/2.8-f/16
LEITZ filter size	E 39
For M1, M2 or M3	11 112 D
Lens hood	12 571 J



50 mm **Elmar**® f/2.8

The direct descendant of the famous 50 mm ELMAR f/3.5 whose classic triplet-type construction won world renown, its 50% increase in speed has been achieved by means of the most modern optical glasses. In its collapsible mount it is far and away the lightest and most compact of the LEICA's 50 mm fraternity. Ideal for sportsmen and others to whom compactness is a prime virtue, the 50 mm ELMAR is corrected for the widest range of shooting distances, from infinity to extreme close-up and macro applications. Very much less expensive than its high speed relatives, the 50 mm ELMAR is recommended whenever considerations of compactness and cost out-weigh the need for speed.



Angle of view	27°
Number of elements	6
Click-stops	f/2-f/16 with half-stop clicks
LEITZ filter size	E 48
For M1, M2 and M3	11 123 G
In screw-mount	11 023 F
Bright-line viewfinder	12 025 A
(Built in telescoping lens hood.)	

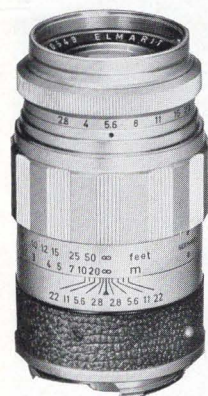
90 mm **Summicron®** f/2

An international favorite of photo-journalists, this high-speed medium long-focus LEICA lens yields brilliant images with crisp edge-to-edge sharpness from f/2 downwards. Ideal for candid, unobtrusive picture-making under all lighting conditions, this is also the ideal lens for stage photography in color and black-and-white. Its combination of moderately long focal length plus wide aperture make it useful for separating a subject from its background. For VISOFLEX II reflex photography a special short focusing-mount is provided, and the lens itself may be ordered with a manually pre-set diaphragm for this purpose.

90mm

The 90 mm lens has always been one of the most exciting interchangeable LEICA lenses. With the 35- and 50 mm lenses it plays a vital part in the LEICA SYSTEM as one of the three prime picture-makers used by most successful Leicamen. Providing almost twice the magnification of the "normal" 50 mm lens, it is ideal for sports and other action subjects, for frame-filling portraits, and for isolating the most significant parts of a scene in landscape photography.

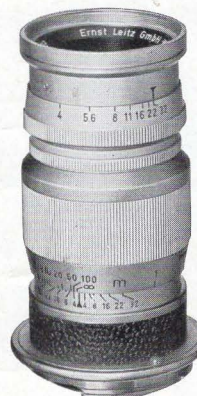
Except for the special collapsible model of the 90 mm ELMAR, all the LEITZ 90 mm lenses permit removal of their lens-heads for additional use with the VISOFLEX II and FOCUSING BELLOWS II for through-the-lens focusing and viewing. The Leicamen can thus use his 90 mm lens with coupled range-viewfinder focusing for fast moving action and general candid photography, switching to the VISOFLEX II groundglass for close-ups and copying work as well as for portraits and other subjects demanding visual control of the depth-of-field. This ability to select not only the best focal length for the job at hand, but the preferable focusing method as well, is of inestimable value to the experienced photographer.



Angle of view	27°
Number of elements	5
Click-stops	f/2.8-f/22
LEITZ filter size	E 39
For M1, M2 and M3	11 129 N
In screw-mount	11 029 M
Bright-line viewfinder	12 025 A
Lens hood	12 575 N

90 mm **Elmarit®** f/2.8

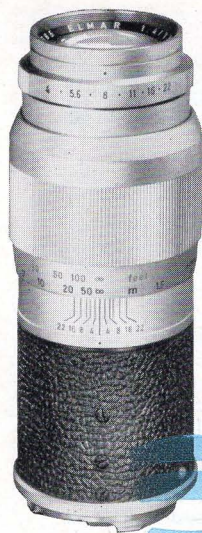
An ultra-modern 5-element triplet-type lens uniting the virtues of a medium long-focus lens with a moderately fast aperture, the 90 mm ELMARIT is an exceptionally sharp and contrasty lens over the whole field and at all apertures. With its slender, light-weight focusing mount it is an exceptionally fast-handling lens, and an excellent choice for sports and action assignments. Corrected for very close distances, the lens-head adapts readily to the VISOFLEX II (with or without the FOCUSING BELLOWS II), adding greatly to its creative versatility. It is particularly well corrected for close-up work.



Angle of view	27°
Number of elements	4
Aperture scale	f/4-f/22
LEITZ filter size	E 39
For M2 and M3	11 830 R
In screw-mount	11 730 U
Collapsible model for	
M1, M2 and M3	11 131 G
Bright-line viewfinder	12 025 A
Lens hood	12 575 N

90 mm **Elmar®** f/4

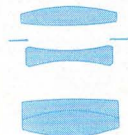
One of the classic LEICA lenses, the 90 mm ELMAR was first introduced more than 30 years ago, and few lenses have ever earned such universal respect as this famous member of the LEICA lens lineup. Though not a high-speed lens, its f/4 aperture provides sufficient speed for many photographers who prize its extreme compactness and light weight. The special collapsible model creates hardly more bulk than a normal 50 mm lens when retracted into the M-camera's bayonet mount, giving the traveler an unusually handy medium long-focus lens with nearly twice the "reach" of his normal 50 mm lens. Like the 90 mm ELMARIT, the 90 mm ELMAR's triplet design makes it especially desirable for extreme close-range applications.



135 mm Elmar® f/4

Angle of view	18°
Number of elements	4
Aperture scale	f/4-f/22 with half-stop clicks
LEITZ filter size	E 39
For M1, M2 and M3	11 850 V
In screw-mount	11 750 G
Bright-line viewfinder	12 030 K
Lens hood	12 575 N

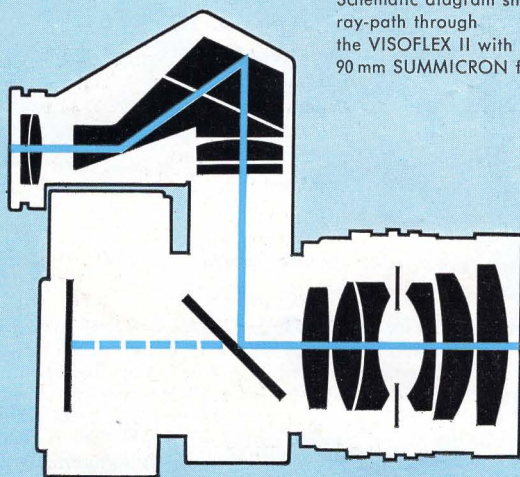
The longest focal length which couples to the LEICA rangefinder, the 135 mm ELMAR is an entirely new design utilizing four air-spaced elements. Exceptionally well color-corrected, this is one of the sharpest lenses ever created. Giving 2.7 times the magnification of the 50 mm lens, the 135 mm is a creative tool providing tight croppings of isolated subject-matter from normal shooting distances. Particularly valuable for frame-filling color compositions, the 135 mm ELMAR enables the photographer to concentrate upon essential pictorial details. And with the VISOFLEX and FOCUSING BELLOWES applications range from pictures at infinity down to 1:1 reproductions.



65 mm Elmar® f/3.5

Angle of view	36°
Number of elements	4
Pre-set click-stops	f/3.5-f/22 with half-stop clicks
LEITZ filter size	E 41
For use with	VISOFLEX II
Lens-head with	
built-in lens hood	11 062 N
Universal focusing mount	16 464 K
(Used also with lens-heads of the 90 mm ELMARIT and 135 mm ELMAR on VISOFLEX II.)	

The 65 mm ELMAR is the shortest focal length giving a full focusing range from infinity to extreme close-up with the VISOFLEX II. With an angular field coverage exactly midway between those of the 50- and 90 mm lenses it is an extremely versatile lens for all applications in which groundglass image-control is preferred. The lens is supplied without a focusing mount and must be used in the universal focusing mount 16 464 K for the VISOFLEX II. It is equipped with a built-in lens hood and a pre-set diaphragm ring with clicks at each stop and half-stop. Its 4-element triplet construction yields extremely good correction over the whole focusing range, and it is particularly suitable for close-up and macro photography.

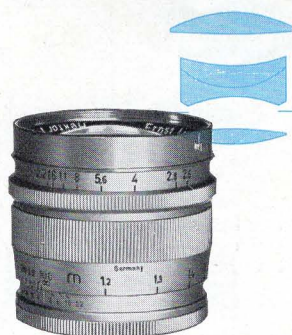


Schematic diagram showing ray-path through the VISOFLEX II with 90 mm SUMMICRON f/2 lens.

® VISOFLEX II

With the VISOFLEX II the LEICA becomes a compactly efficient single-lens-reflex camera so that the Leicamen is able fully to exploit the alternative advantages of coupled-rangefinder or reflex groundglass focusing, often with the same lens. For short-focus lenses there can be no doubt of the range-viewfinder's superior speed, accuracy and convenience. However, with longer focal lengths, as well as when making extreme close-ups, there can equally be no doubt of the advantages of a perfectly parallax-free groundglass image. For these reason both focusing methods are essential parts of the LEICA SYSTEM.

The VISOFLEX II provides a full focusing range from infinity to close-up with all LEICA lenses from 65- through 400 mm. An eye-level 4x prism magnifier provides an erect, right-way-round focusing image, and a vertical 5x magnifier (with upright reversed image) is provided for technical applications and low-angle shots. Another important VISOFLEX II accessory, the FOCUSING BELLOWES II, greatly simplifies the problems of close-up and copying assignments. For further information on the VISOFLEX II and FOCUSING BELLOWES II please ask your LEICA dealer for our brochures **11-40** and **12-29**.



125 mm **Hektor**® f/2.5

Angle of view 20°
 Number of elements 4
 Click-stops f/2.5–f/22
 LEITZ filter size E 58
 In focusing mount for Visoflex I or II, with special lens hood 11 032 G

The long focal length and high speed of this lens have made it a top favorite of professional illustrators who exploit its quality of wire-sharp definition with shallow depth-of-field to achieve striking color and black-and-white pictures in which the zone of sharpness is concentrated virtually within a single plane. Portraits of performing artists in action, candid available-light pictures from longer distances, and creative nature photographs are among the varied subjects handled so effectively by this high-speed long-focus lens. At full aperture it gives an unbelievably brilliant image on the VISOFLEX groundglass, making for unusually fast reflex focusing as the subject seems to spring into focus.

Tele-Lenses

The great advantage of telephoto lenses is their ability to provide 4 to 8 times the magnification of the standard 50 mm lens with shorter over-all dimensions and better edge illumination than is possible with conventional long-focus lenses. Like a telescope, the telephoto lens cuts across long distances to image far-away subjects large and clear. Because of the relatively long distances at which they are normally used, telephoto lenses are famous for their "flat" perspective in which widely separated subjects appear to be crowded together, an effect giving great creative possibilities. The three LEITZ TELYT telephotos are highly corrected, completely air-spaced lenses yielding excellent color correction and full illumination, even at full aperture. The newly introduced 200- and 280 mm TELYT lenses utilize a patented LEITZ design providing extremely good correction at all shooting distances, even in the close-up range. Both of these lenses are equipped with parallel (non-rotating) focusing mounts and pre-set diaphragm control rings with clicks at each aperture and half-aperture, and all three have integral telescoping lens hoods. Illustrated below is the cross-section of the 200- and 280 mm lenses; the 400 is similar except that the rear elements consist of a cemented pair. (Note: All three TELYT lenses fit directly onto the VISOFLEX I; for use with the VISOFLEX II, the adapter number 16 466 M, is required.)



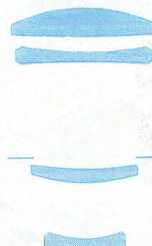
200 mm **Telyt** f/4



280 mm **Telyt** f/4.8



400 mm **Telyt** f/5



200 mm **Telyt** f/4

Angle of view 12°
 Number of elements 4
 Pre-set aperture scale f/4–f/22 with half-stop clicks
 LEITZ filter size E 58
 With built-in lens hood 11 063 P

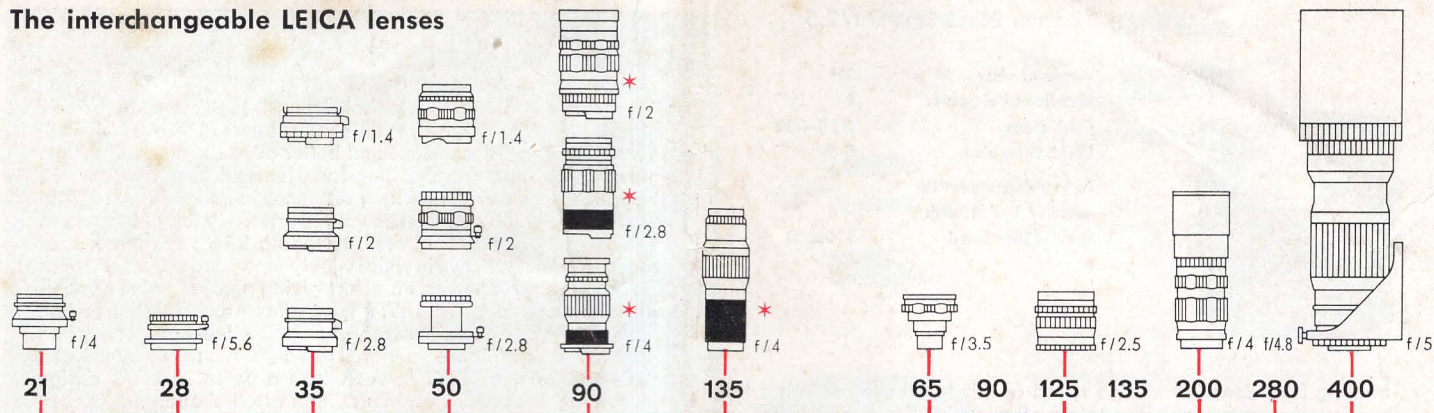
280 mm **Telyt** f/4.8

Angle of view 8.5°
 Number of elements 4
 Pre-set aperture scale f/4.8–f/22 with half-stop clicks
 LEITZ filter size E 58
 With built-in lens hood 11 912 F

400 mm **Telyt** f/5

Angle of view 6°
 Number of elements 4
 Click-stops f/5–f/32
 LEITZ filter size E 58
 With built-in lens hood 11 766 U

The interchangeable LEICA lenses



The Leica System at a glance . . .

This diagram illustrates the unlimited versatility of the world's most successful system of photography, the "M" Leica system with its **Visoflex II** reflex housing and **Focusing Belows II** for close-up and technical applications. For the full story about these valuable accessories ask your dealer for **Leitz** brochures **11-40** and **12-29**.



VISO FLEX II

Design subject to alteration without notice.

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