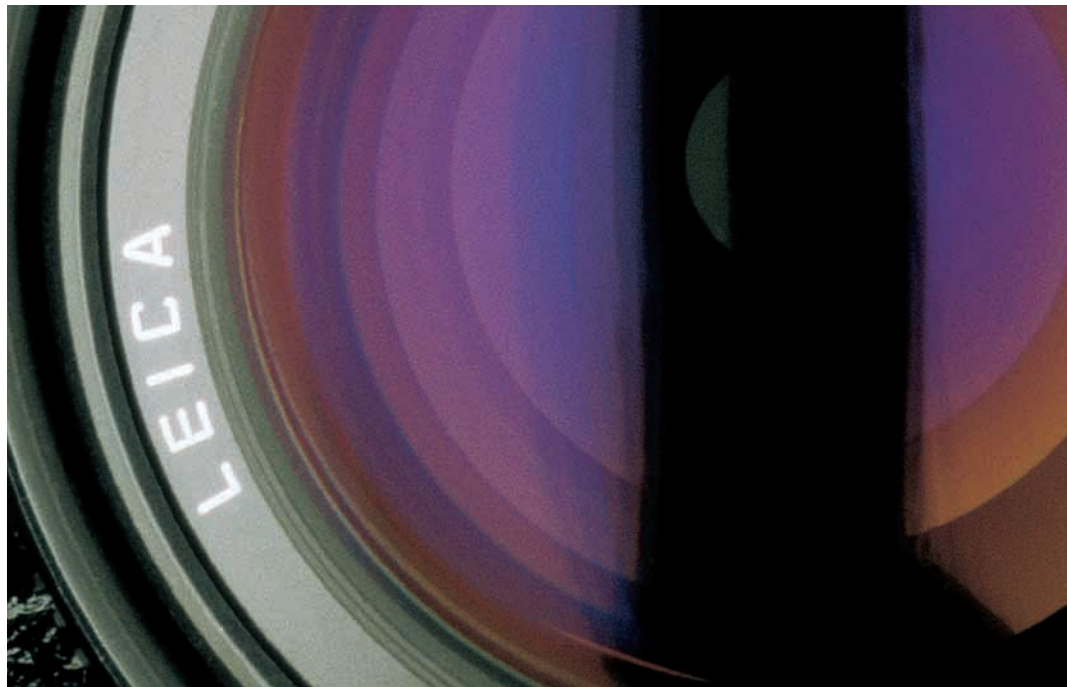




LEICA

LEICA R-System: Lenses



Fascination and Precision

Space for exciting perspectives: super-wide-angle lenses

Super-wide-angle lenses are fascinating because of their enormous angle of view, which covers a much greater field of view than standard focal lengths do, for instance. They characteristically produce intensified perspectives with monumental foregrounds and rapidly receding backgrounds.



Günter Bersch



"In my experience, the way the human eye sees can best be simulated by short focal lengths. When I take

pictures with a wide-angle lens, it is not for suggesting an overview. I seek a descriptive, interpreting and commenting style of expression. Pictures that leave enough room for the viewer to delve in and to discover the clues. Without my 19 mm lens I would be speechless."

Günter Bersch, Germany

19 mm f/2.8 ELMARIT-R

A compact, super-wide-angle lens with an angle of view of 96°. Its relatively high speed considerably expands its range of applications, especially in landscape, architectural and fashion photography. But it is also an ideal lens for snapshots and for photojournalism, even wide open. Integrated filter revolver with four filters.



16 mm f/2.8 FISHEYE-ELMARIT-R

An extreme wide-angle lens with barrel-shaped distortion for dramatic effects. All straight lines that are not in the center of the image, are reproduced progressively more arched as they are located closer to the edges of the picture. The diagonal angle of view of this lens is 180°! It has an integrated filter revolver with four frequently used filters.



15 mm f/3.5 Super-Elmar-R

A fast lens with linear focusing and exceptionally low distortion (aberrations corrected by means of floating elements). It is wonderfully suited for landscape, architectural and fashion photography with highly expressive effects. With its diagonal angle of view of 110° and its nearest focusing distance of 16 cm or 6 5/16", it offers extraordinary creative possibilities for picture composition that are not available with other lenses. Built-in filter revolver with four filters.



Günter Bensch



24 mm f/2.8 ELMARIT-R

A large angle of view, relatively high speed and excellent imaging performance, even at full aperture are a perfect combination to give this lens a special place in dynamic photojournalism in very confined spaces. It creates impressive images with extraordinary perspectives, but without the impression that a super-wide-angle lens was used.

Everything in good view: standard wide-angle lenses

Standard wide-angle lenses are very versatile for everyday photography. Compared to normal lenses, they provide a distinctly larger coverage of the subject while still reproducing all size relationships with a relatively natural appearance.



Roberto Dotti



"When I take pictures, it is like I am painting, and this is only possible with Leica lenses. The 35 mm f/1.4

SUMMILUX-R, for instance, my inseparable companion on my travels around the world, enables me to capture all the colors perfectly. With complete confidence I can vary the various tones of color without distortions and without disturbing reflections."

Roberto Dotti, Italy

35 mm f/1.4 SUMMILUX-R

An ultra-fast wide-angle lens that was designed for photography under unfavorable light conditions. Superbly suited for photojournalism. It features outstanding imaging quality and exceptionally low distortion for this type of wide-angle lens.



28 mm f/2.8 PC SUPER-ANGULON-R

The "PC" in the name of this shift lens stands for perspective correction.

It is especially suited for architectural photography, because it can straighten out those annoying converging lines.

The large usable image circle diameter of 62 mm makes it possible to shift the complete optical system by 11 mm away from the optical axis.



28 mm f/2.8 ELMARIT-R

The "28" ELMARIT is the lightest of the wide-angle lenses in the LEICA R system. Its remarkably compact dimensions, relatively high speed and harmonious wide-angle characteristics make it a very pleasant and universally applicable companion. The angle of view is 76° and the focusing range is from infinity to 30 cm or 11 13/16". It comes with a built-in sliding lens hood.



Birgit Amendt



The PC-SUPER-ANGULON-R straightens out converging lines. In the upper picture, the camera had to be tilted in order to include the near part of the roof. This resulted in the converging lines that are so annoying in architectural photography. In the lower picture, the vertical lines are perfectly straight, because the camera was held parallel to the building and the lens was shifted upwards.



35 mm f/2 SUMMICRON-R

Unquestionably, the 35 mm SUMMICRON-R is one of the very best high-speed wide-angle lenses available today. For lively candid photography, even in low light conditions, it is exactly the right lens. A compact all-purpose lens that belongs in every LEICA R outfit.



Versatile companions: standard lenses

Standard lenses from Leica are small and lightweight lenses with high performance. They combine high speed with outstanding imaging capabilities. And they are especially versatile, because their angle of view of 45° comes closest to the visual coverage of the human eye.



"Conveying the visualized picture idea is best done with a 50 mm focal length.

Quick, spontaneous and contrasty."

Carsten Lerp, Germany



50 mm f/1.4 SUMMILUX-R

A handy and extremely fast lens for on-site reporting. Its largest aperture of f/1.4 with the correspondingly very shallow depth of field, provides exceptional opportunities for very creative compositions. The 50 mm SUMMILUX-R stands out for an extraordinarily high and contrasty imaging performance for such a fast lens.

50 mm f/2 SUMMICRON-R

A universal lens with outstanding imaging quality, even in the near-focusing range. Ideally suited for travel photography, because its 41 mm length (1 5/8 ") and 300 gram weight (10 1/2 ounces) make it unusually compact and handy. The shortest focusing distance is 50 cm or 1' 7 3/4 ". In spite of its high speed, it distinguishes itself by its outstanding sharpness, high contrast and excellent detail resolution, even at full aperture.



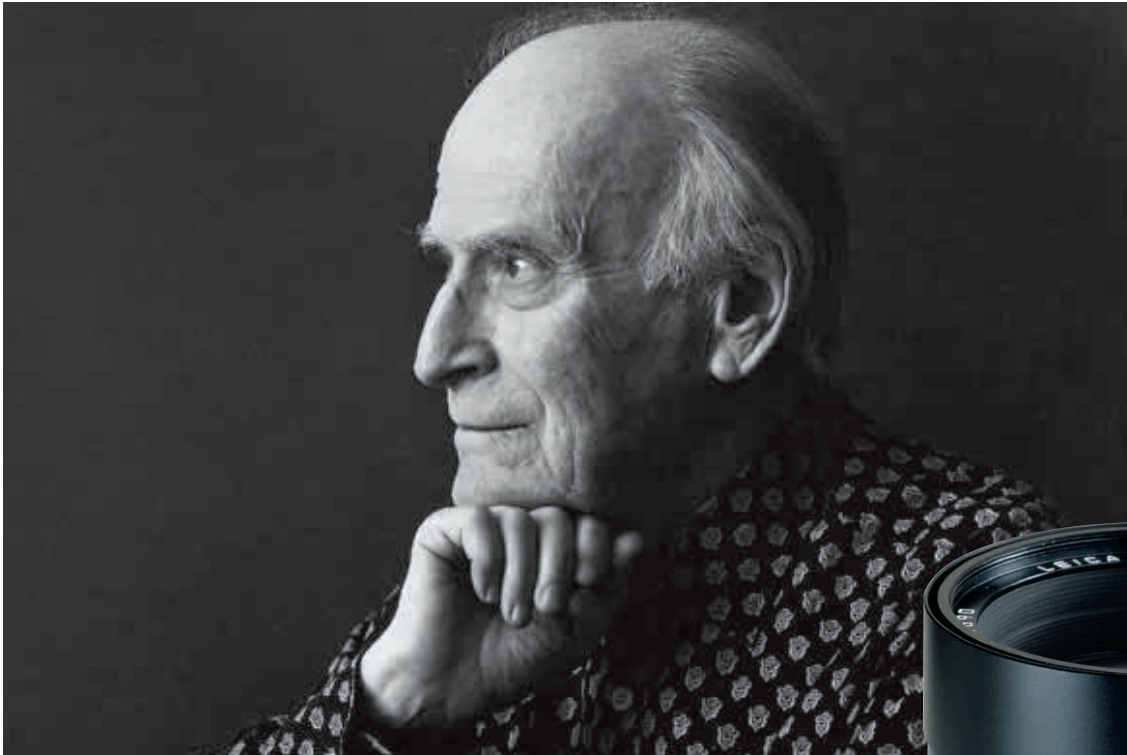
60 mm f/2.8 MACRO-ELMARIT-R

A 60 mm lens with an especially broad range of applications. If you can forego extreme high speeds in this range of focal lengths in order to gain the great advantage of a focusing range, from infinity all the way down to a mere 27 cm or 10 5/8 " (a maximum reproduction ratio of 1:2), then this is the perfect lens for you. Together with the MACRO-ADAPTER-R, a reproduction ratio of 1:1 can be achieved (also see page 65).



Bridging distances: short telephoto lenses

To photograph from greater distances, discreetly and inconspicuously. Or to bring subjects closer that are situated too far from the camera position: Those are the great advantages of telephoto lenses. And the main subject can be emphasized by means of an unsharp fore- and background.



Helmut Hien



“Even when photographic interpretations change with the passing of time,

the beginning is always a clear idea, that conjures a picture in one’s mind. Sometimes a photograph is prepared with meticulous attention to detail, and sometimes it is the quick reaction to a decisive moment that results in a special picture.”

Helmut Hien, Germany

80 mm f/1.4 SUMMILUX-R

The exquisite advantages of this high-speed, high-performance lens become clearly evident. In portrait and landscape photography, and especially in available light photography. Even at full aperture, it stands out because of its freedom from reflections and the fine nuances of its tone reproduction.





90 mm f/2 SUMMICRON-R

Very good contrast and sharpness rendition, high speed and outstanding resolving power: they make the 90 mm SUMMICRON-R an ideal lens for portrait photography, quick snapshots, and reportage photography. Its compact length makes it easy to take along everywhere.



With a short telephoto lens you can take photographs inconspicuously from a distance.

Helmut Hien

100 mm f/2.8 APO-MACRO-ELMARIT-R

A fast macro lens with apochromatic correction. It is equally as good for format-filling pictures from somewhat greater distances as it is for portraits from medium range. This exceptional lens delivers outstanding imaging performance over its entire focusing range, from infinity to 45 cm or 17 3/4 inches.



Reaching into the distance: medium telephoto lenses

Medium telephoto lenses visibly compress the depth of space and they make everything seem closer together. Distant things appear to be within reach, and it draws the observer right into the action. That's why these lenses are very often used for sports- and animal-photography.



Miroslav Zajic

180 mm f/2 APO-SUMMICRON-R

This very fast telephoto lens with apochromatic correction produces flawless image quality all the way to the edges of the picture. From infinity to 1.5 m or 4'11". Even at full aperture, you can be confident of achieving photographs with maximum contrast, highest resolution and delicately differentiated color rendition. Internal focusing makes the overall length of the lens remain constant during focusing, and it always feels well balanced in your hand. The optical system includes a protective filter for the front element and a series 6 filter for the filter drawer. It has a rotating and locking mount for tripod attachment.





180 mm f/2.8 APO-ELMARIT-R

The overall optical performance of this new, apochromatically corrected 180 mm lens makes even the most critical photographers become enthusiastic. At full aperture it already has outstanding image quality that can hardly be improved by stopping the lens down. Coma, vignetting, astigmatism and curvature of field are practically non-existent. It is remarkably compact and elegant for a lens with this focal length. It is an excellent choice for portraiture, fashion-, sports- and landscape-photography – even when you are working without a tripod. All in all, a fast high-performance telephoto lens that satisfies the highest expectations, even under difficult conditions.



280 mm f/4 APO-TELYT-R

Apochromatically corrected lens with internal focusing. Completely distortion-free, it performs extremely well across its entire focusing range with highest resolving power, precise color rendition and optimal contrast reproduction – even at full aperture. It can focus down to 1.7 m or 67 inches, covering an object field of 120 x 180 mm or 4 3/4" x 7 1/8". Barely 21 cm or 8 1/4" long, you can still use it for excellent hand-held photography. It is, of course, also equipped with a tripod mount.



"Why do I take pictures with a Leica? Henri Cartier-Bresson

once said that the Leica is an extension of the arm, and I once said that the Leica is the only camera that has a soul. And that is the reason why I work with the Leica."

Miroslav Zajic, Czech Republic

Ingeniously flexible combinations: super telephoto lenses

The LEICA APO-TELYT-R modular system offers you extremely well-thought-out combination possibilities. It covers the full range of super telephoto lenses with five component elements. In part even with different speeds for the same focal length. And all that with outstanding Leica APO quality!



Franz Bagyi



"In my work as a wildlife photographer, every minute earlier in the morning and longer in

the evening during which I can take pictures is very important to me. This is best accomplished with the high-aperture modular lens system. Never have I seen lenses that were sharper and more contrasty at full aperture. Another enormous advantage is the quick, simple, space- and weight-saving focal length changing method by means of the various modules."

Franz Bagyi, Germany



We are offering this flexible modular system especially to sports and nature photographers as an interesting alternative to conventional telephoto lenses. All you need to do, is to join an APO-TELYT-R lens head and an appropriate focusing module to obtain

the desired focal length to suit a particular photographic task. Thanks to a special bayonet and the large locking ring, this can be done quickly and easily. The advantage of this intelligent system: you don't have to carry along many large and heavy individual telephoto lenses.

Instead, you simply combine modules as you need them. And you always have telephoto lenses with focal lengths from 280 mm to 800 mm at your disposal. With a twist of the wrist, six different APO-lenses are created from two lens heads and three focus modules – each one with unexcelled optical quality.

An additional plus point for the LEICA APO-TELYT-R Modular System: the remarkably short near-focusing distances of 2.0 to 3.9 meters or 6'6" to 12'9" expand their creative possibilities significantly.

*APO-TELYT-R 280/400/560 mm
Depending on which
FOCUS MODULE is attached,
this lens head becomes a:
280 mm f/2.8 APO-TELYT-R,
400 mm f/4 APO-TELYT-R, or
560 mm f/5.6 APO-TELYT-R*



280/400/560 mm APO-TELYT-R



400/560/800 mm APO-TELYT-R

*400/560/800 mm APO-TELYT-R
Depending on which
FOCUS MODULE is attached,
this lens head becomes a:
400 mm f/2.8 APO-TELYT-R,
560 mm f/4 APO-TELYT-R, or an
800 mm f/5.6 APO-TELYT-R*

*With this single focusing mount, the two lens heads can be converted into a:
280 mm f/2.8 or a
400 mm f/2.8 APO-TELYT-R*



280/400 f/2.8 FOCUS MODULE



280 mm f/2.8 APO-TELYT-R



400 mm f/2.8 APO-TELYT-R

*With this single focusing mount, the two lens heads can be converted into a
400 mm f/4 or a 560 mm f/4 APO-TELYT-R*



400/500 mm f/4 FOCUS MODULE



400 mm f/4 APO-TELYT-R



560 mm f/4 APO-TELYT-R

*With this single focusing mount, the two lens head can be converted into a
560 mm f/5.6 or an 800 mm f/5.6 APO-TELYT-R*



560/800 mm f/5.6 FOCUS MODULE



560 mm f/5.6 APO-TELYT-R



800 mm f/5.6 APO-TELYT-R

Pleasant companions: standard zoom lenses

Leica zoom lenses are a perfect combination of versatility and high optical performance. This makes them welcome travel companions for demanding photographers. And a zoom lens is simply indispensable in those fleeting moments when there is no time to change lenses.



Nicole Progin, Hans Peter Luchs



"Zoom lenses are ideal companions on our

numerous travels, mostly to Africa. Whether they are used at markets, at cultural events or for landscape photography, we especially value the ability to select just the right cropping quickly and without complicated technical manipulations. And all that with wonderful picture sharpness all the way into the four corners of the image, already at full aperture. Simply super."

Nicole Progin, Hans Peter Luchs, Switzerland

35–70 mm f/2.8 VARIO-ELMARIT-R ASPH.

The new fast 35–70 mm f/2.8 VARIO-ELMARIT-R ASPH. is a high-performance zoom lens with constant aperture. Excellent imaging performance and great ease of operation are the highlights of this outstanding lens. Its macro setting permits close-ups as near as 30 cm or 11 3/4", at a reproduction ratio of 1:2.8. The smallest subject area it covers is 67 x 101 mm or 2 5/8" x 4". The lens head does not rotate during focusing or zooming, so that polarizing filters can be used without restrictions.



A novel precision mechanism also provides smoother shifting of the various lens groups. The use of an aspheric glass lens surface keeps distortion very low.

Available as of summer 1999.



35–70 mm f/4 VARIO-ELMAR-R

A handy two-ring zoom lens with normal speed that offers very good imaging qualities as well as great ease of operation. Its high optical performance is achieved by means of a built-in aspherical lens element and other refinements. In the macro range, close-up pictures can be made at distances as near as 26 cm or 10 1/4". That corresponds to a reproduction ratio of 1:2.8. That in turn permits format-filling photographs of very small subjects.



The versatile LEICA-R zoom lenses are particularly practical while traveling. Then you immediately have exactly the right cropping available at your fingertips.



28–70 mm f/3.5–4.5 VARIO-ELMAR-R

Thanks to the extended focal length range, you can master everything with flying colors – from landscape and group photographs all the way to staged single portraits. Easy and pleasant to use. And many photographers also appreciate the separate control rings for focus and aperture.



Always the right camera position: telephoto zoom lenses

With a telephoto zoom lens, you are able to select an optimal cropping of your subject from a distance, without having to change your camera position. Thus it is an ideal complement for every camera outfit. Leica telephoto zoom lenses are as pleasant to handle as they are outstanding in their imaging characteristics.



70–180 mm f/2.8 VARIO-APO-ELMARIT-R

This revolutionary lens is a recognized milestone in the development of lenses with adjustable focal lengths. With this lens it was possible to design an apochromatically corrected zoom lens with an optical performance that stands any comparison with lenses with fixed focal lengths – and that at high apertures! Even at full aperture, it is impressive because of its outstanding definition across its entire focal length range. Coma and astigmatism are practically non-existent. The two separate setting rings for focus and focal length make it especially easy to select the right cropping of your subject. The lens is also equipped with a rotating and locking tripod mount.



80–200 mm f/4 VARIO-ELMAR-R

The performance of this rotating zoom lens is quite comparable to that of first-class lenses with fixed focal lengths. It offers good to very good imaging quality with high resolving power and outstanding contrast rendition – and this over the full image area and over the entire focal length range. And it is quite compact and rests comfortably in the palm of one's hand. Its extraordinary near-focusing distance of only 1.1 m or 3'7 1/4" makes a smallest object field of 94 x 140 mm or 3 11/16" x 5 1/2" possible.



105–280 mm f/4.2 VARIO-ELMAR-R

A telephoto zoom lens with an especially large range of focal lengths that enables you to make large images even of far away details. This zoom lens too, is absolutely comparable to fixed focal length lenses of the highest quality. At every setting, its high-speed optical system delivers high contrast rendition and outstanding resolving power. Like the VARIO-APO-ELMARIT, it has two separate setting rings for focal length and focus, as well as a rotating and locking tripod mount that is especially useful with the longer focal lengths.

Well equipped for near and far: lens accessories

You can expand your creative freedom considerably with high-grade accessories for your LEICA R lenses. They provide ideal conditions for absolutely first-class close-up photographs. Or you can "expand" the focal length of your lens economically by using a LEICA APO-EXTENDER-R.



100 mm f/2.8 APO-MACRO-ELMARIT-R

In the close-up range, this magnificent lens focuses down to 45 cm or 1'5 3/4" for a reproduction ratio of 1:2. With the ELPRO 1:2 – 1:1 close-up attachment, which was especially designed for this lens, reproduction ratios down to 1.1:1 are possible.

Lens Order-No. 11352

ELPRO 1:2 – 1:1 Order-No. 16545



ELPRO close-focusing lenses

These four supplementary lenses significantly increase the focusing range of a lens in the close-up range, where they deliver outstanding imaging quality.

ELPRO close-up attachments are available for the following lenses:

50 mm f/2 SUMMICRON-R,
90 mm f/2 SUMMICRON-R,
90 mm f/2.8 ELMARIT-R, and
135 mm f/2.8 ELMARIT-R.

Order-No. 16541–544



60 mm f/2.8 MACRO-ELMARIT-R

Excellent for the close-up range down to 27 cm or 10 5/8". At its closest focusing distance, the reproduction ratio is 1:2, and in combination with the MACRO-ADAPTER-R it even reaches 1:1.

Lens Order-No. 11347

MACRO-ADAPTER-R Order-No. 14299



PHOTAR lenses and PHOTAR-ADAPTER-R

Three special lenses for use with the PHOTAR-ADAPTER-R on the AUTOMATIC FOCUSING BELLOWS BR-2. Corrected for magnified images. With their practically stepless magnification range of up to 18x, you explore the fascinating field of micro-photography.

PHOTAR-ADAPTER-R Order-No. 14259



APO-EXTENDER-R 1.4x

With this handy lens attachment you increase the focal length of a lens by a factor of 1.4x. The shortest focusing distance remains unchanged and the lens speed is reduced by only one stop. The fully automatic iris diaphragm function of the lens is maintained. The table on the right lists the lenses with which the APO-EXTENDER-R 1.4x can be combined.

Order-No. 11 249



APO-EXTENDER-R 2x

For LEICA R lenses with focal lengths of 50 mm and higher and maximum apertures of f/2 or smaller. Combined with APO lenses, their superb imaging performance is fully retained. The APO-EXTENDER-R 2x has a fully automatic diaphragm coupling and it can be used without limitations with the aperture priority mode or with manual settings.

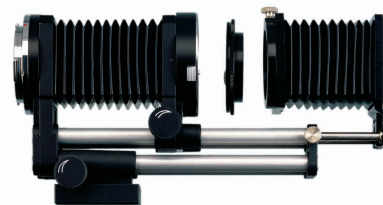
Order-No. 11 269



Ring Combination for the close-up range

A three-part extension tube combination that is ideal for use with the 50 mm f/2 SUMMICRON-R lens to achieve reproduction ratios between 1:2 and 1:1. The reproduction ratio can be increased even further by means of additional center rings. The Ring Combination can also be used with 90, 135, 180 and 280 mm lenses.

Order-No. 14 159



Focusing Bellows-R BR 2

Variable extension for stepless changes in the reproduction ratio. Integrated focusing carriage. The automatic iris diaphragm function of the lens is preserved, so that the aperture priority mode as well as manual settings can be used. All LEICA R lenses from 50 to 180 mm and PHOTAR lenses can be used on the Focusing Bellows.

Order-No. 16 880

Compatible LEICA R lenses	With APO-EXTENDER-R 1.4x	With APO-EXTENDER-R 2x
50 mm f/2	–	100 mm f/4
60 mm f/2.8	–	120 mm f/5.6
90 mm f/2	–	180 mm f/4
100 mm f/2.8 APO	–	200 mm f/5.6 APO
180 mm f/2 APO	250 mm f/2.8 APO*	360 mm f/4 APO
180 mm f/2.8 APO	–	360 mm f/5.6 APO
280 mm f/4 APO	400 mm f/5.6 APO	560 mm APO
280 mm f/2.8 APO	400 mm f/4 APO	560 mm f/5.6 APO
400 mm f/2.8 APO	560 mm f/4 APO	800 mm f/5.6 APO
400 mm f/4 APO	560 mm f/5.6 APO	800 mm f/8 APO
560 mm f/4 APO	800 mm f/5.6 APO	1100 mm f/8 APO
560 mm f/5.6 APO	800 mm f/8 APO	1100 mm f/11 APO
800 mm f/5.6 APO	1100 mm f/8 APO	1600 mm f/11 APO
35–70 mm f/4	–	70–140 mm f/8
70–180 mm f/2.8 APO	–	140–360 mm f/5.6 APO
80–200 mm f/4	–	160–400 mm f/8
105–280 mm f/4.2	150–400 mm f/5.9	210–560 mm f/8.4

MACRO-ADAPTER-R

This intermediate ring increases the lens extension by 30 mm. Exposure metering at full aperture and the automatic iris diaphragm function are preserved, so

that aperture priority automatic exposure control as well as manual setting of shutter speed and aperture can be fully utilized on all LEICA R models. Order-No. 14 299

Overview of LEICA R lenses

Lens designation	Focal length and speed in mm	Angle of view	Lens elements/groups	Smallest f-stop	Focusing range in m	Smallest object field in mm	Recommended filter size	Length in mm	Largest diameter in mm	Weight in grams	Order Number
SUPER-ELMAR-R	15 f/3.5	110°	13/12 ¹⁾	22	∞ – 0.16	70 x 106	built-in ²⁾	92.5	83.5	910	11 325
FISHEYE-ELMARIT-R	16 f/2.8	180°	11/8	16	∞ – 0.30	401 x 601	built-in ²⁾	60	71	460	11 327
ELMARIT-R	19 f/2.8	96°	12/10	22	∞ – 0.30	264 x 396	built-in ³⁾	60	71	560	11 329
ELMARIT-R	24 f/2.8	84°	9/7 ¹⁾	22	∞ – 0.30	250 x 374	Series 8	48.5	67	400	11 331
PC-SUPER-ANGULON-R	28 f/2.8	73/93° ⁴⁾	12/10 ¹⁾	22	∞ – 0.28	146 x 219	Special filter 67 EW ⁵⁾	84	75	600	11 812 ¹²⁾ 16)
ELMARIT-R	28 f/2.8	76°	8/7	22	∞ – 0.30	192 x 288	E 55	48	67.5	435	11 333 ¹³⁾
SUMMILUX-R	35 f/1.4	64°	10/9 ¹⁾	16	∞ – 0.50	266 x 399	E 67	76	75	690	11 337
SUMMICRON-R	35 f/2	64°	6/6	16	∞ – 0.30	140 x 210	E 55	54	66	430	11 339
SUMMILUX-R	50 f/1.4	45°	8/7	16	∞ – 0.50	178 x 266	E 60	51	70	490	11 344
SUMMICRON-R	50 f/2	45°	6/4	16	∞ – 0.50	180 x 270	E 55	41	66	290	11 345
MACRO-ELMARIT-R	60 f/2.8	39°	6/5	22	∞ – 0.27 to 1:1 with adapter	48 x 72 (24 x 36)	E 55	62.3 (92.3)	67.5	400 (530)	11 347
SUMMILUX-R	80 f/1.4	30°	7/5	16	∞ – 0.80	192 x 288	E 67	69	75	700	11 349 ¹⁵⁾
SUMMICRON-R	90 f/2	27°	5/4	16	∞ – 0.70	140 x 210	E 55	61	69	520	11 254 ¹²⁾
APO-MACRO-ELMARIT-R	100 f/2.8	25°	8/6	22	∞ – 0.45 to 1:2 & 1:1 with ELPRO	48 x 72 (22 x 33)	E 60	104.5 (140)	73	760 (950)	11 352
APO-SUMMICRON-R	180 f/2	14°	9/6	16	∞ – 1.50 ⁶⁾	160 x 240	Series 6 ⁷⁾	176	116	2500	11 356 ¹⁴⁾ 15)
APO-ELMARIT-R	180 f/2.8	14°	7/5	22	∞ – 1.50	168 x 252	E 67	132	76	970	11 273
APO-TELYT-R	280 f/4	8.8°	7/6	22	∞ – 1.70 ⁶⁾	120 x 180	E 77/ Series 5.5 ⁷⁾	208	90	1875	11 360 ¹⁵⁾
APO-TELYT-R-MODULE-System	280 f/2.8	8.8°	8/7	22	∞ – 2.00 ⁶⁾	145 x 218	Series 6 ⁷⁾	276	123	3600	11 846
APO-TELYT-R-MODULE-System	400 f/2.8	6.2°	10/8	22	∞ – 3.70 ⁶⁾	207 x 310	Series 6 ⁷⁾	344	157	5900	11 847
APO-TELYT-R-MODULE-System	400 f/4	6.2°	9/7	22	∞ – 2.15 ⁶⁾	109 x 164	Series 6 ⁷⁾	314	123	3800	11 857
APO-TELYT-R-MODULE-System	560 f/4	4.5°	11/8	22	∞ – 3.90 ⁶⁾	154 x 231	Series 6 ⁷⁾	382	157	6100	11 848
APO-TELYT-R-MODULE-System	560 f/5.6	4.5°	9/7	22	∞ – 2.15 ⁶⁾	75 x 113	Series 6 ⁷⁾	374	123	3900	11 858
APO-TELYT-R-MODULE-System	800 f/5.6	3.1°	11/8	22	∞ – 3.90 ⁶⁾	106 x 160	Series 6 ⁷⁾	442	157	6200	11 849
VARIO-ELMAR-R	28–70 f/3.5–4.5	76–34°	11/8	22	∞ – 0.50 ⁸⁾	340 x 510 ⁹⁾ 150 x 225 ¹⁰⁾	E 60	76	70	450	11 364 ¹⁵⁾
VARIO-ELMARIT-R ASPH.	35–70 f/2.8	64–34°	11/9	22	∞ – 0.70 0.30 ¹¹⁾	436 x 654 230 x 346 67 x 101 ¹¹⁾	E 77	133	88	1050	11 275
VARIO-ELMAR-R	35–70 f/4	64–34°	8/7	22	∞ – 0.60 ⁸⁾ ∞ – 0.26 ¹¹⁾	350 x 525 ⁹⁾ 192 x 288 ¹⁰⁾ 67 x 101 ¹¹⁾	E 60	84	70	400	11 277 ¹⁵⁾
VARIO-APO-ELMARIT-R	70–180 f/2.8	34–14°	13/10	22	∞ – 1.70 ⁸⁾	435 x 655 ⁹⁾ 175 x 631 ¹⁰⁾	E 77	189.5	89	1870	11 279
VARIO-ELMAR-R	80–200 f/4	29–12.5°	12/9	22	∞ – 1.10 ⁸⁾	222 x 333 ⁹⁾ 94 x 140 ¹⁰⁾	E 60	165	71	1020	11 281
VARIO-ELMAR-R	105–280 f/4.2	23.2–8.8°	13/10	22	∞ – 1.70 ⁸⁾	281 x 421 ⁹⁾ 112 x 168 ¹⁰⁾	E 77	238	89	1950	11 268 ¹⁵⁾

1) with floating elements. 2) Filter revolver with UVa filter, yellow-orange filter and blue conversion filter for photographs in artificial light on daylight film. 3) Filter revolver with neutral density filter ND-1, yellow-green filter, orange filter and blue conversion filter for photographs in artificial light on daylight film. 4) Horizontal or vertical shift up to 11 mm; diagonal shift up to 9.5 mm.

5) Filter glass for special wide-angle holder with hood from B&W Filter Factory, P. O. Box 2463, D-55513 Bad Kreuznach, Germany. 6) Internal focusing. 7) In filter drawer. 8) Front group focusing.

9) At the shortest focal length. 10) At the longest focal length. 11) With the macro setting. 12) Lens without ROM and contact bar. 13) Lens with Order Number 11259 is also available without ROM and contact bar. This variation can also be used on the LEICAFLEX SL 2 without modifications. 14) Lens with Order Number 11271 is also available without ROM and contact bar. 15) This lens cannot be fitted with cams for LEICAFLEX SL or SL 2 cameras. 16) This lens can also be used on LEICAFLEX SL and SL 2 cameras without modifications.

Further information regarding Leica R-Systems accessories can be found in the "Handbook of the Leica system" (see rear cover)



Ever-ready cases for LEICA R cameras

Available in various versions for the LEICA R8, LEICA R6.2 and other LEICA R cameras, some of them with a slightly greater front for longer focal lengths,



others for R cameras with attached winders. Made of elegant, supple black leather.

Ever-ready case for LEICA R 8 with lens up to the size of the 28–70 mm f/3.5–4.5 VARIO-ELMAR-R: Order-No. 14 519. Ever-ready case for LEICA R8 with lens as in 14 519 above and MOTOR-WINDER-R 8: Order-No. 14 527



Remote Control R8

Electronic remote control device for remote release, available in a special version for the LEICA R8. *Order-No. 14 202*

Power Pack MW-R8

A supplementary energy supply for the MOTOR-WINDER R8. A high-performance rechargeable battery that provides the winder with plenty of energy even under prolonged use or in extremely cold temperatures. It attaches to the tripod mount of the winder. *Order-No. 14 250*

Accessories for every LEICA R outfit

An extensive array of practical accessories is available for LEICA R8 and LEICA R6.2 cameras. They bring you greater creative freedom in composing your pictures, they open up new fields of application, or they simply make picture-taking easier and more enjoyable.

Table-top Tripod

Compact, practical and stable. An indispensable aid for long exposure times. With three legs that fold together and a 1/4"- tripod thread.

Order-No. 14 100



MOTOR-WINDER R8

If you prefer to let your LEICA R8 advance the film, wind the shutter and rewind the film... The winder is attached to the base of the camera and it blends harmoniously with its styling. It enables you to take picture sequences at up to 2 frames per second and it operates extremely quiet. (A faster MOTOR-DRIVE-R8 is in preparation). For the LEICA R6.2 and for other R cameras, there is the MOTOR-WINDER-R and the MOTOR-DRIVE-R. *Order-No. 14 209*

Telescope Ocular LEICA TO-R

With the LEICA TO-R ocular, LEICA R normal-, telephoto- or zoom lenses can quickly become telescopes. With a 90 mm lens it produces a magnification of 7.2x, with a 180 mm lens it becomes 14.4x, and so on. Focusing is still performed with the respective lens. *Order-No. 14 243*

Pistol Stock

For all LEICA R lenses with tripod mounts. A very comfortable aid for handheld photography. *Order-No. 14 282*

Eyecups



Available for the LEICA R8 in the standard size (as a replacement) and in a large version. They simultaneously serve as holders for correction lenses. The eyecups for the LEICA R6.2 and other LEICA R cameras can also be used in combination with correction lenses.

Large Eyecup R8: Order-No. 14 217

Small Eyecup R8: Order-No. 14 218

LEICA SF 20

A stylish electronic flash unit, compact and lightweight, to be taken along anywhere. Uncomplicated operation, illuminated data display. Variable flash output for fill-in flash. High output batteries for fast flash sequences. The distance between the lens and the flash tube reduces the red-eye effect.

Order-No. 14 414. 24 mm

Diffusion attachment for SF 20 flash unit: Order-No. 14 417.



Angle Finder

For photographs taken in any position and for inconspicuous photography "around the corner", or for pictures from a worm's eyeview. The angle finder can be switched to 2x magnification. *Order-No. 14 300*

