

Capture the subtle effects of natural lighting the new LEIGA M5 measures the faintest flicker of light precise and selective throughthe-lens metering

by day and night



LEICA M5



110-87d/Engl.





WHY THE LEIGA®

Ask the world's top press photographers who record hot news in every corner of the earth. Ask photo journalists silently and unobtrusively shooting pictures at congresses, concerts and shows. Or ask industrial photographers who have to deal with tricky angles and locations. Why the LEICA? – Because its precision and instant readiness never let you down.

Come to think of it, why insist that the LEICA is only a camera for special jobs and special conditions?

Indeed the LEICA is equally the camera for every fastidious amateur who likes to take pictures in his job or as a hobby – to record family, holiday or children, and buys a LEICA for life-long photographic enjoyment.

WHY THE LEICA M5

It is the first rangefinder camera with through-the-lens exposure metering – for correct exposure in any light, for any subject. It is a handy camera – convenient to hold and steady to release, especially with longer exposures. It is functional, compact and elegant – to appeal to people of discriminating taste. The longbase rangefinder ensures optimum focusing precision, important with the ultra-fast lenses. The Leica M5 and its lenses are the last word in image quality, unquestioned reliability in heat, cold and humidity. With it you shoot instantly, silently and inconspicuously.

We could go on in this vein. Let's simply state that the LEICA M5 is the supreme 35 mm rangefinder camera.



LEICA M5 - with selective through-the-lens exposure metering.

Light is the photographer's medium, whether he records or creates pictures.

His images and his effects come to life by modulated light and darkness – different in technique from the painter, yet with almost the same facility.

But photography is a scientific process, too. To control what he records on the film, the photographer must be able to measure his light precisely. That is why he needs a camera with a scientifically precise light metering system.

The LEICA M5 with its selective through-the-lens metering is just such a camera. It measures individual medium, light, or dark tones. It bases the exposure on the reading of a selected image area. With such readings you locate the exposure exactly where you want it in the film's tone range, as easily as with an automatic meter system. It works in the trickiest light conditions: when a ray

of sunlight picks out scintillating highlights or when you are faced with extreme contrasts and unbalanced bright/dark patterns. You can equally rely on the reading for interiors with brightly-lit windows or outdoor views from a dark doorway.

With the LEICA M5 you always match the correct exposure to the subject, for the meter reads only the selected subject portion which counts. Such small-area readings are unaffected by ultrabrilliant or extra-dark parts of the scene, or by light sources shining into the lens. You read a representative subject tone, without interference from the background or surroundings, or take highlight or shadow readings to suit whatever exposure technique you prefer. The measuring area is a small fraction of the picture area, to allow tight close-up readings at a distance. Correct exposure is no longer subject to uncontrollable object conditions or uncertain meter characteristics. It is fully in your hands.





You are sure of sharpness and exposure

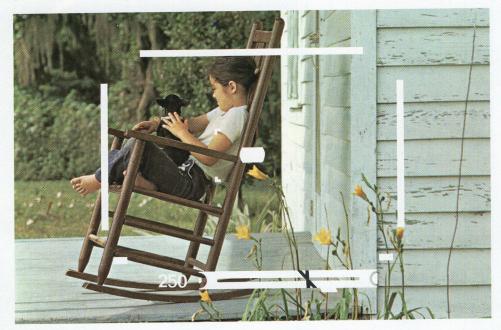
The famous optical quality of the LEICA lenses comes into its own only with precision focusing and exact exposure. Focusing with the LEICA

rangefinder is faster, simpler and more accurate than with any other focusing system. However poor the light, you see the subject clearly in the brilliant finder field. And as a vital new feature the M5 offers selective through-the-lens exposure metering.









35 · 50 · 90 · 135 mm

DAY OR NIGHT



68.5 long-base rangefinder

Bright-line frames in the universal M5 finder show the exact field of view. They start with the 35 mm wide-angle lens and switch automatically as you switch lenses – to 50, 90 or 135 mm. The 135 mm finder is reflected inside the large wide-angle frame. The focus-

ing movement provides automatic finder parallax correction whatever the focal length. And you clearly see the whole M5 finder image even if you wear glasses.

LEIGA M5

Look – and set. The LEICA offers precision sharpness and exposure control – in any light.



Self-contained all-metal body - 87 mm (just over 3 3/8 inches) high. 149 mm (5 7/8 inches) long, with an extra 5.5 mm (1/4 inch) for the carrying strap eyelets, 37 mm (nearly 1 1/2 inches) deep - with hinged back and carrying strap eyelets at the side. Chrome plated top and baseplate (available in bright or black finish), 1/4 inch tripod bush. Built-in bright-line finder with automatically switched reflected image frames for the 35, 50, 90 and 135 mm lenses. Automatic parallax compensation. Viewfinder frames independently switchable by selector lever. Long-base (68.5 mm) rangefinder. Built-in exposure meter with selective through-the-lens measurement, followpointer system coupled with film speed and shutter speed settings and controlled by the lens aperture. Meter circuit automatically switched off on releasing, switched on by the film transport. Uses a PX 625 cell; battery test provision. Measuring range of exposure meter covers 13 EV steps of the meter system plus the aperture steps of the lens used, e.g. with a SUMMILUX f/1.4 the range extends from 0.4 to 200,000 asb (from 0.3 with the f/1.2 lens). Covers film speeds from 6 to 3,200 ASA or 9 to 36 DIN. Quick-change bayonet lens mount. Focal plane shutter: 1/2, 1/4, 1/8, 1/15, 1/30, 1/60, 1/125, 1/250 and 1/1000 sec, plus time exposures of any duration. You can set intermediate times. Shutter speeds indicated on the shutter speed dial and in the viewfinder. Automatic flash synchronization for bulbs up to 1/500 sec, for electronic flash up to 1/50 sec. Separate standard outlets for bulbs and electronic

flash plus accessory-shoe contact.

The latter provides X-synchronization for electronic flash units or flash cube adapters. Self-timer with adjustable delay from 5 to 10 sec. Rapid winding lever with hinged tip tensions the shutter and advances the film.

Removable quick-loading take-up spool for all 35 mm films with trimmed or untrimmed leader.

Rewind crank in base rewinds the exposed film. Frame counter with automatic zero return on opening the camera base. Film indicator combined with time exposure calculator in camera back.

A novel shutter speed dial/meter coupling system linked with the famous LEICA lenses gives the LEICA M5 an immense measuring and setting range, with simple and rapid handling. Exposure measurement with aperture or shutter speed pre-selection leaves you free to choose the most suitable aperture/speed combination.

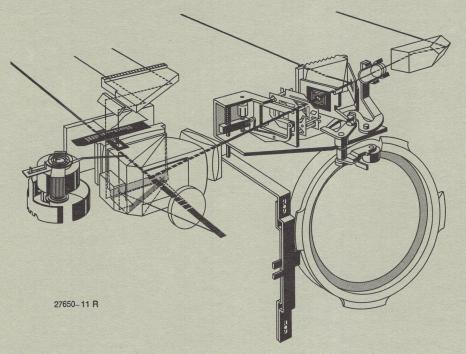
Your benefit: Faster and more efficient operation.

THE LONG-BASE VIEW- AND RANGEFINDER

The LEICA M5 has a perfect optical view- and rangefinder. You see a faith-

ful and true-colour view of the subject.

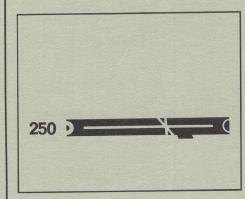
A bright-line frame outlines the field. Everything within this frame is recorded on the film, with automatic parallax compensation. You clearly see the whole finder image even with spectacles. The centre of the finder carries the sharply outlined rangefinder focusing field. This combined view- and rangefinder system offers both split-image and coincidence focusing; the high image contrast and long 68.5 mm base ensure extra precision. If viewing conditions – or your eyesight – are less than perfect you still have plenty of reserve. And however inexperienced, you can be certain of optimum and positive sharpness in the poorest light. Try it for yourself – at full aperture and in dim lighting. The LEICA tackles it however difficult the subject. Extra fractional-inch focusing accuracy and precision exposure metering see to it.



THE INTERSECTING FOLLOW-POINTER

Leitz designers have chosen a deflection rather than a zero setting pointer for the exposure meter. This permits a more flexible approach. The bar intersection of the meter needle below the finder makes for the most accurate and fastest readings. The shutter speed shows up, too, to the left of the scale bar, right in the finder.

For a reading you sight a significant subject area. Usually in the middle of the field. That is why the LEICA M5 measures just there. During a reading you quickly adjust the meter needle with the lens aperture and the follow-pointer with the shutter dial: the two intersect clearly and precisely along the bar at the bottom. And that way you can choose any aperture/speed combination.



THE LIGHT PATH

The exposure meter cell is centered in the image frame a few mm in front of the shutter. In the LEICA M5 a CdS cell on a swing-away arm directly takes in the light from the lens. A spiral baffle in front of the cell automatically corrects all reading errors that could arise from the cell's position in front of the film plane. Immediately before shutter release the arm and cell swing out of the way to clear the light path to the film. Retensioning the shutter brings the cell back for the next reading.

MEASURING PRECISION

Balanced electrical and mechanical compensation ensures a linear response of the twin photo-resistors in the LEICA M5. The pointer movement per EV change remains consistent at high, medium, and low lighting levels. So does the measuring precision – even down to -15° C (5° F). For the metering circuit uses so little current that the battery performance stays efficient at low temperatures, too.

MEASURING RANGE

The LEICA M5 has a total measuring range of 21 EV steps (0.3 to 200,000 asb). In subject terms this covers brightest highlights from glacier reflections in the mountains down to faintest candlelit scenes. The measuring range consists of the 13 steps of the meter mechanism plus the aperture steps of the lens in use.

IMAGE FRAME SELECTOR

The selector lever brings the field of different lenses into view. You select the best focal length before you switch the lens itself.

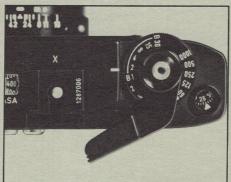
SMART FINISH

The LEICA M5 is an elegant camera, especially the professional-looking black chrome finish. Like the bright chrome surface, this black finish is abrasion resistant, hard, permanent and durable. And it offers outstanding corrosion protection.

THE CARRYING STRAP

The novel lug attachment at the side of the LEICA M5 keeps the right hand completely free for the transport and release operation without tangling with the strap. The LEICA also becomes more comfortable to carry over the shoulder.







OUTFITS

	LEICA M5 body, bright chrome LEICA M5 body, black chrome 21 mm SUPER ANGULON f/3.4 28 mm ELMARIT f/2.8 35 mm SUMMICRON f/2 35 mm SUMMICRON f/2 35 mm SUMMILUX f/1.4 50 mm SUMMILUX f/1.4 50 mm NOCTILUX f/1.2 90 mm TELE-ELMARIT f/2.8 90 mm TELE-ELMARIT f/2.8 90 mm TELMARIT f/2.8 11 123 135 mm ELMARIT f/2.8 11 129 90 mm TELE-ELMAR f/4 135 mm ELMARIT f/2.8 (all lenses include a lens hood) VISOFLEX** Ill reflex housing - see list 160 - 3 Ever-ready case (soft leather) Ever-ready case (hide) Outfit case for LEICA M5 with up to 3 lenses Optical bright-line clip-on finder for 21 mm lens Optical bright-line clip-on finder for 28 mm lens Screw-in filters, size E 39 Yellow Yellow green Orange 13 101 Red 13 196 Infra-red 13 196 Infra-red 13 198	Screw-in filters, size E 43
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WE RECOMMEND

1. A basic outfit

LEICA M5 body, bright chrome or	10 501
as above, black chrome 50 mm SUMMICRON f/2	10 502 11 817
Ever-ready case	14 541

2. Versatility at minimum cost

For maximum versatility in landscape, sports and portraiture at minimum cost select a wide-angle and a compact tele-lens without the 50 mm focal length.

LEICA M5 body, black chrome	10 502
35 mm SUMMICRON f/2	11 309
90 mm TELE-ELMARIT f/2.8	11 800
Alternatively, with fast lenses	
35 mm SUMMILUX f/1.4	11 870
90 mm SUMMICRON f/2	11 123
Compact outfit case	14 823

3. The SUMMICRON outfit with three most widely-used focal lengths of matched f/2 speed

LEICA M5 body, black chrome 35 mm SUMMICRON f/2 50 mm SUMMICRON f/2 90 mm SUMMICRON f/2 Compact outfit case Small ball-and-socket head	10 502 11 309 11 817 11 123 14 823
Small ball-and-socket head	14 119
Table tripod	14 100
Cable release, 25 cm (10 in) long	14 067

4. Focal length extremes – 21 to 135 mm – with the rangefinder

The universal outfit for the advanced amateur and professional, to take on expeditions, for press and feature photography.

LEICA M5 body, black chrome 21 mm SUPER-ANGULON* f/3.4 21 mm brilliant finder	10 502 11 103 12 002
50 mm SUMMICRON f/2	11 817
135 mm TELE-ELMAR f/4	11 851

5. The special outfit featuring the NOCTILUX

LEICA M5 body, black chrome 28 mm ELMARIT* f/2.8 28 mm brilliant finder 50 mm NOCTILUX f/1.2 90 mm SUMMICRON f/2	10 502 11 801 12 007 11 820 11 123	TO A SERVICE OF THE PROPERTY OF THE PROPERTY OF THE PARTY
Large ball-and-socket head Table tripod Polarizing filter, 42 mm slip-on mount As above, 45 mm slip-on mount	14 121 14 100 13 352 13 351	

6. Wide focal length range with ultra-speed lenses

LEICA M5 body, black chrome 28 mm ELMARIT* f/2.8 28 mm brilliant finder 35 mm SUMMILUX f/1.4 50 mm SUMMILUX f/1.4 90 mm SUMMICRON f/2 135 mm ELMARIT f/2.8 with finder attachment Large ball-and-socket head Table tripod	10 502 11 801 12 007 11 870 11 114 11 123 11 829 14 121 14 100
Table tripod Cable release, 25 cm (10 in) long	14 100 14 067

^{*} New design, see Information Sheet No. 120-47

THE FOCAL-PLANE SHUTTER

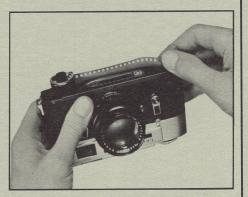
The LEICA focal plane shutter is world famous for its accuracy and reliability. It runs extremely smoothly and silently. Both roller blinds are rubber coated cloth. A braking system makes their action almost inaudible; vibration-free exposures.

THE FILM TRACK

Ultra-fast lenses demand optimum film flatness. The LEICA M5 has a precision film track to correct film curl without making the film bulge into the camera. That means precise film location in the sharpest image plane during exposure.

QUICK-LOADING SPOOL

A fast camera must allow fast film changing. With the LEICA M5 you just push the film leader into the quick-loading spool – that is all. You never had a faster and easier film loading system for a standard 35 mm cartridge with trimmed or untrimmed leader.



THE LEICA M5 LENS RANGE

The LEICA M5 takes all lenses with LEICA bayonet mount and – via a suitable bayonet/screw adapter – even older screw-mounted LEICA lenses. With minor restrictions* they all utilize the selective through-the-lens light metering system.

The LEICA M5 can also be used with the VISOFLEX® I and III reflex housings and the focusing bellows. With these units selective through-the-lens exposure metering is still possible when the camera is on a tripod. On the ground glass screen of the VISOFLEX III a 7 mm circle shows the subject area covered by the meter cell. Thus the LEICA M5 retains its selective through-the-lens metering feature even with long-focal-length lenses and for extreme close-up work. As a further advantage the measurement automatically allows for exposure factors. The reading appears in the finder with the VISOFLEX mirror swung up.

The LEICA lens range thus covers focal lengths from the 21 mm ultrawide angle to the 800 mm telephoto lens. With these lenses you can either take in any part – from wide to narrow – of the subject from a given viewpoint or control perspective rendering for individual pictorial impact. Every different viewpoint brings a new perspective effect – for instance the typical compression of distances with the telephoto or emphasized foreground with the wide-angle lenses.

The table opposite gives data of the rangefinder-coupled lenses from the 21 mm SUPER-ANGULON to the 135 mm ELMARIT.

For further information consult the following leaflets: VISOFLEX III - List 160-3 Focusing bellows II - List 160-1

* See Information Sheet No. 120-47



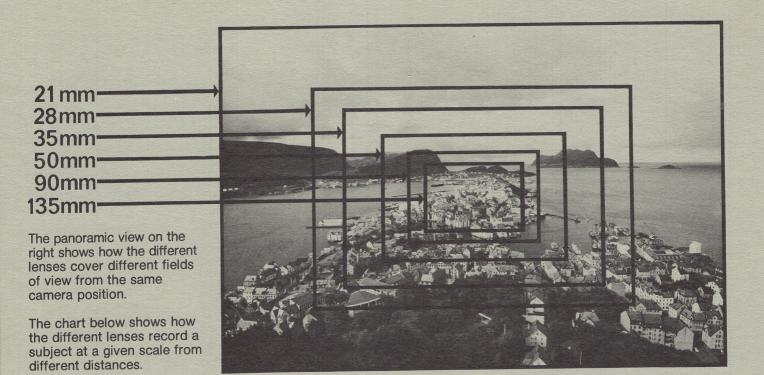


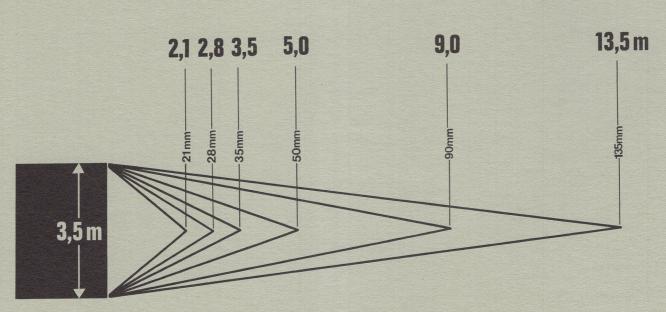
21 mm +

135 mm

Lenses	Speed	Focal length	·Angle of view	No. of elements	No. of components	Minimum aperture	Focusing range
SUPER-ANGULON	1:3.4	21	92°	8	4	22	∞ -16" (manual) ∞ -28" (coupled)
ELMARIT	1:2.8	28	76°	8	6	22	∞ . −28"
SUMMICRON	1:2	35	64°	6	4	16	∞ '−28"
SUMMILUX	1:1.4	35	64°	7	5	16	∞ −40"
SUMMICRON	1:2	50	45°	6	5	16*	∞ −28"
SUMMILUX	1:1.4	50	45°	7	5	16	∞ −40"
NOCTILUX	1:1.2	50	45°	6	4	16	∞ −40"
TELE-ELMARIT	1:2.8	90	27°	5	5	16	∞ −40"
ELMARIT	1:2.8	90	27°	5	3	22	∞ −40"
SUMMICRON	1:2	90	27°	6	5	22	∞ −40"
TELE-ELMAR	1:4	135	18°	5	3	22	∞ −60"
ELMARIT	1:2.8	135	18°	5	4	32	∞ -60"

Lenses	Smallest object- field in mm	Filter size	Slip-on mount Ø in mm	Length w/o lens hood	Diameter in mm	Weight in g	Catalog- number
SUPER-ANGULON	380 x 570	Series VII or E48	A 52.5	51	52,5	301	11 103
ELMARIT	533 x 800	Series VII or E48	A 52.5	56	52,5	225	11801
SUMMICRON	430 x 640	Series VII	A 42	33	51	· 170	11309
SUMMILUX	630 x 950	. Series VII	A 42	38	53	245	11870
SUMMICRON	277 x 416	E 39	A 42	50	51	260	11817
SUMMILUX	410 x 620	E 43	A 45	52	53	360	11114
NOCTILUX	410 x 620	Series VIII	A 52.5	60	61	515	11 820
TELE-ELMARIT	220 x 330	E 39	A 42	67	53	355	11800
ELMARIT	220 x 330	E 39	A 42	94	53	330	11129
SUMMICRON	220 x 330	E 48	A 63.7	110	66	660	11 123
TELE-ELMAR	220 x 330	E 39	. A 42	112	59	510	11851
ELMARIT	220 x 330	Series VII	A 63.7	120	66	730	11829





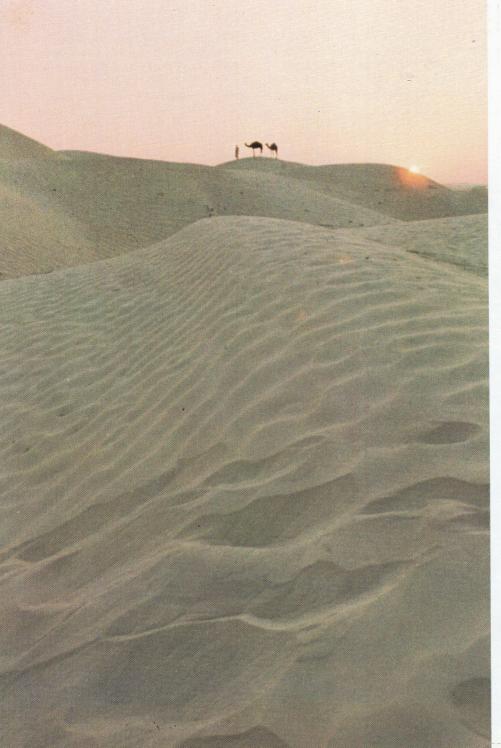
The design of all LEICA lenses utilizes latest scientific advances and electronic computation. Anti-reflection coatings are carefully matched to the high-refracting glasses – many of them developed in our own glass research laboratory – to yield virtually 100% light transmission with negligible light scatter and contrast loss. This transmission correction covers the whole visible spectrum. In addition the coating plus special UV-absorbing cement layers effectively

cut out ultra-violet radiation. Why this special care? It means that all LEICA lenses, irrespective of focal length, have matching colour characteristics for consistent reproduction on colour film.

The optical systems are matched to avoid both warm (yellowish) and cold (bluish) colour casts: all colours are completely faithful to the original scene.

LEICA lenses yield first-rate definition at full aperture – residual aberrations are that well corrected. So you have the benefit of the maximum lens speed whenever you need it. And where really special cases call for extreme definition, stopping down by two stops guarantees optimum performance. Further stopping down only increases depth of field.





SUPER-ANGULON f/3.4

The 21 mm SUPER-ANGULON f/3.4 offers comparatively high speed and – even across the immense angle of view – outstanding definition and uniform image illumination. It is a superb lens for interiors, outdoor architecture and architect's models, as well as industrial, advertising, feature and landscape photography. With this lens the M5 exposure meter is out of action.





Wide-angle magic

35 mm

ELMARIT® f/2.8

High speed and a wide angle, combined with freedom from vignetting and outstanding optical performance at full aperture make the 28 mm ELMARIT f/2.8 a really special lens. It is particularly valuable in feature photography with limited elbow room, in architecture and of course for dynamic advertising shots with unusual perspective effects.

SUMMICRON® f/2

A special achievement of advanced lens technology. The image quality of this lens matches the outstanding definition and performance of the famous 50 mm and 90 mm SUMMICRON lenses to complete an unusually successful highspeed lens range.

SUMMILUX® f/1.4

One of the leading ultra-fast lenses of this focal length on the world market – and one of the best of its kind. Its outstanding scope includes wide-angle candid and action shots in very poor light which would otherwise need supplementary lighting. At the f/1.4 aperture you can still shoot in colour at incredibly low lighting levels.













Where a lens of normal focal length can record only a part of the view, the wide-angle lens covers the whole. And even with slight stopping down it yields a depth of field from the near foreground to the furthest distance. Present-day photo journalists and feature photographers like to use these lenses for eye-catching perspective effects. The standard wide-angle lens of 35 mm is indispensable to the

feature, architectural, industrial and advanced amateur photographer.



SUMMICRON® f/2

The 50 mm SUMMICRON is the most famous universal LEICA lens. Its definition is outstanding even at close range.

The nearest focusing distance is 70 cm (28 in) and the smallest subject field 277 x 416 mm (approx. 11 x 16 1/2 in). Its short length and black light-alloy mount plus the novel helical movement with micrometer thread make this a particularly small, light-weight and handy lens.





The standard focal lengths: 50 mm

50 mm

SUMMILUX® f/1.4

You need sacrifice no image quality for maximum lens speed. A thorough test of this lens will prove it. It typifies the clear progress in optical performance which systematic research and up-to-date computer programmes have achieved in the whole range of Leitz lenses.





50 mm is still the most popular standard focal length with amateur and professional photographers. It is the most universal focal length covering subjects from landscapes to snapshots, from

MOCTILUX® f/1.2

50

The world's first production lens with aspherical elements – it is a special lens for available-light photography with high-speed films. Yet it offers outstanding image contrast with virtual elimination of coma. It is equally useful in portraiture, where the large aperture permits artistic suppression of backgrounds by differential focusing.





available-light photography to technical records. One reason for the popularity of 50 mm lenses is that they yield extensive depth of field already at medium apertures.



ELMARIT[®] f/2.8

Versatility is its strong point. This lens covers the wide scope of a medium-long focal length with relatively high speed. Image performance is outstanding – which is why it is the ideal lens for the fastidious colour photographer.





The medium-long focal length of 90 mm plays an important role in the LEICA system. The angle of view is little over half that of the standard 50 mm lens. So you pull in close picture detail.

90 mm

TELE-ELMARIT® f/2.8

This unique lens has the full scope of a 90 mm unit, yet is no larger than a standard lens. It is a true telephoto design of only 62 mm (2 1/2 in) overall length yet outstanding optical performance at all apertures.





135 mm

SUMMICRON® f/2

Already at f/2 this lens offers outstanding performance over the whole image field. It is the favourite lens of feature photographers throughout the world. Besides exceptional definition it offers high resolution and optimum image contrast. Not surprisingly, the 90 mm SUMMICRON f/2 is an ideal medium-long available-light lens.

22 115.6 2 2 5.6 11 22



A singular feature of this lens is the built-in finder attachment which magnifies the finder image 1.5 times. The rangefinder image is magnified too, with a corresponding gain in focusing accuracy. You clearly see the whole enlarged 135 mm finder field even if you wear glasses.



This exceptionally handy lens offers special convenience and optical performance. The maximum aperture is also the optimum aperture for resolving power, contrast transfer and colour correction.

The 135 mm TELE-ELMAR is only 105 mm (4 1/8 in) long and weighs 510 g (18 oz). A large and deeply milled focusing ring makes it particularly convenient to handle.









Medium-long focal length 90 mm Versatile long focal length 135 mm

The 135 mm lenses bring you right to the heart of the action from further away. The subdued perspective pulls together objects normally spaced far apart.

WHY THE LEIGA



- for its outstanding action speed
- for its unmatched sharpness
- for its precision exposure metering
- for its world-famous reliability

Your specialist photo dealer:

® = Registered Trademark

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