

WIDEANGLE NIKKOR LENSES

With its focal length shorter than that of the normal lens, the wideangle lenses cover an angle of view of 60° or more.

The wideangle lens allows coverage of quite a broad view from a close camera position or photography in constricted areas. It can be effectively utilized in architectural exteriors and interiors and group shots.

The wideangle lens is also suited for instant candid work which does not allow precise focusing on fast-moving subjects. Its profound depth of field compensates for inaccurate focusing.

Another outstanding feature of the wideangle lens is exaggeration of perspective. This type of lens tends to give an interesting and dramatic effect which is more conspicuous, the wider the angle of lens.

Today, "Wideangle Shooting" occupies a unique place in creative photography. Advanced photographers often emphasize the exaggerated perspective known as "wideangle distortion" to accomplish special creative effects.

Nikon offers one of the widest selections of outstanding wideangle lenses to meet specific photographic requirements in wide field photography.

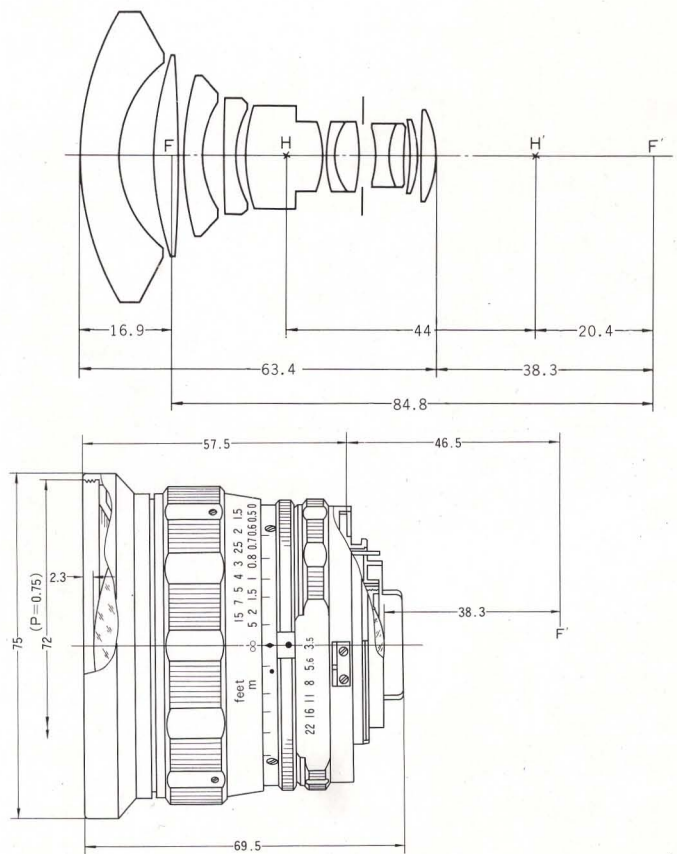
The concept of optical construction is entirely new. The lens consists of 11 elements in 9 groups, with back focus 1.87 times longer than the focal length. Thus, the lens can be mounted on the camera with the mirror in normal viewing position. (There is no need to lock up the mirror.)

With this lens, there is almost no need to focus, if the diaphragm is closed down slightly. This is one of the advantages of the extremely short focal length which provides profound depth of field.

As coma aberration is minimized, the lens provides very sharp image with high contrast even at full aperture. The f/3.5 aperture and equal distribution of brightness in the edge areas of the image field facilitate viewing and focusing over the entire focusing screen.

Like other Nikkor Auto lenses, the UD Auto features the automatic aperture diaphragm and meter coupling. With accent on exaggerated perspective, this super wideangle lens is effective in reproducing various subject matters with striking effects. It is especially suited for architectural photography and for shooting interiors in constricted areas.

Focal length:	20mm
Maximum aperture:	1 : 3.5
Lens construction:	11 elements in 9 groups
Picture angle:	94°
Distance scale:	Graduated both in meters and feet up to 0.3m and 1ft
Aperture scale:	f/3.5 – f/22
Aperture diaphragm:	Fully automatic
Meter coupling prong:	Integrated (fully open exposure metering)
Attachment size:	72mm (P=0.75)
Filter:	72mm screw-in
Dimensions:	75mm dia. X 69.5mm length (2-15/16 in. X 2-3/4 in.)
Weight:	390g (13.8oz)
Accessories:	72mm screw-in front cap (108-02-400), rear cap type F (108-00-401), 72mm screw-in lens hood (108-01-204), leatherette case (108-01-301), flexible pouch No. 51 (108-00-302)



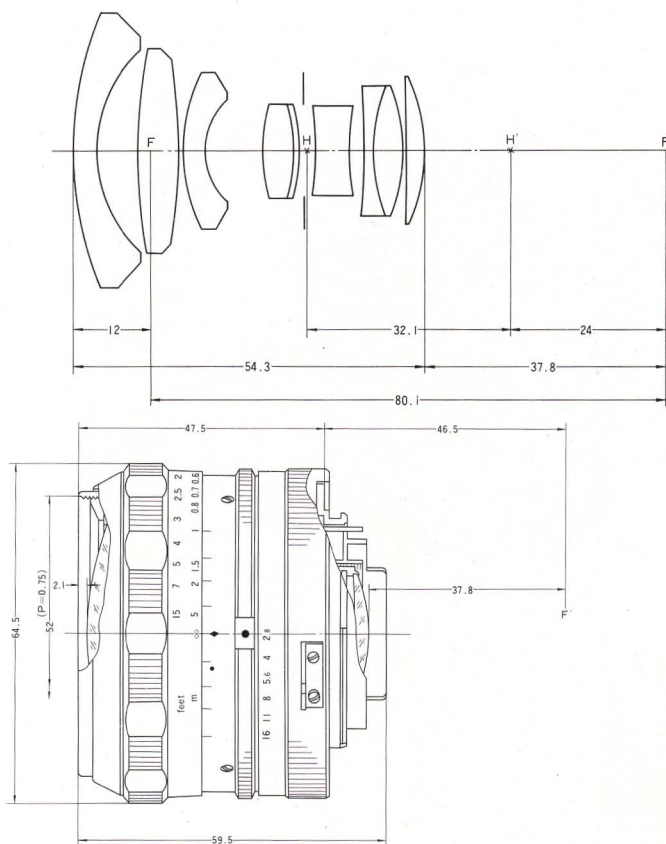
(m/m)

This retro-focus lens, based on a creative design concept, combines a super wideangle of 84° with the highest speed of f/2.8 among the same focal length lenses, incorporating an automatic diaphragm.

Automatic correction of image quality at close distance is an outstanding feature of this lens. Coupled to the focusing ring, the device ensures satisfactory performance over the entire focusing range—from infinity to the closest distance of 0.3m. This wideangle lens makes back focus clearance long enough to provide uniform brightness in every corner of the picture image, even at full lens opening. The ingenious optical design made possible a reduction in the overall size and weight.

This wideangle lens is ideal for landscape, travel and architectural photography and candid shots.

Focal length:	24mm
Maximum aperture:	1 : 2.8
Lens construction:	9 elements in 7 groups
Picture angle:	84°
Distance scale:	Graduated both in meters and feet up to 0.3m and 1ft
Aperture scale:	f/2.8 — f/16
Aperture diaphragm:	Fully automatic
Meter coupling prong:	Integrated (fully open exposure metering)
Attachment size:	52mm (P=0.75)
Filter:	52mm screw-in
Dimensions:	64.5mm dia. X 59.5mm length (2-17/32 in. X 2-11/32 in.)
Weight:	290g (10.2oz)
Accessories:	52mm snap-on front cap (108-00-400), rear cap type F (108-00-401), 52mm screw-in lens hood (108-01-201), leather case (108-00-303), plastic case type S (108-00-300), flexible pouch No. 51 (108-00-302)



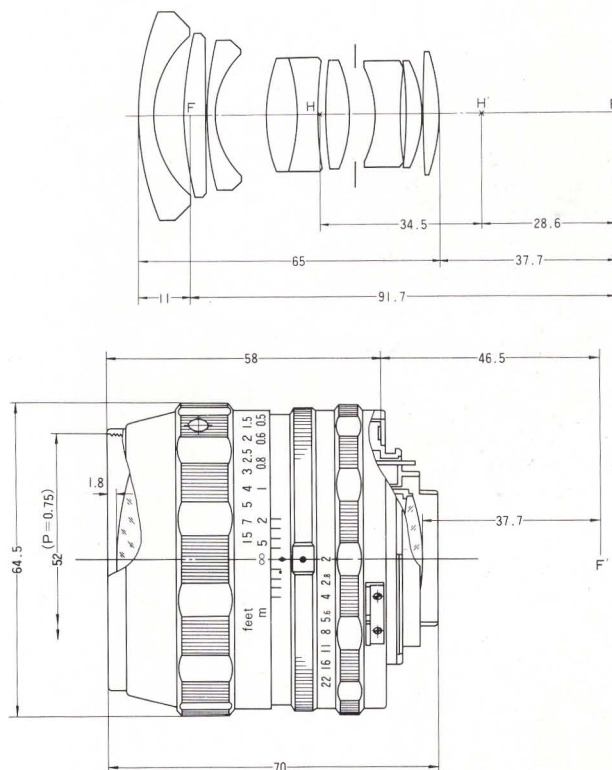
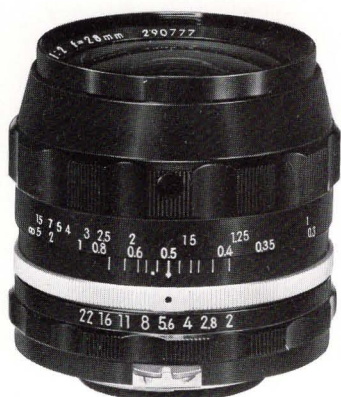
(m/m)

The fastest of wideangle lenses with an angle of view wider than 74° , it assures very high resolution and contrast even at full aperture. The rear group of lens elements shifts its relative position to other elements according to focused distance. This system, called "floating elements" correction, is required of large aperture wideangle lenses to maintain image quality at close focusing distance.

A multi-layer coating is applied on each glass-to-air surface of the optical elements of the lens to give optimum photographic results.

The new 28mm f/2 lens is especially adaptable to adverse lighting situations and is highly recommended for the news or magazine photographer as well as the industrial, architectural or commercial photographer.

Focal length:	28mm
Maximum aperture:	1 : 2
Lens construction:	9 elements in 8 groups
Picture angle:	74°
Distance scale:	Graduated both in meters and feet up to 0.3m and 1ft
Aperture scale:	f/2 - f/22
Aperture diaphragm:	Fully automatic
Meter coupling prong:	Integrated (fully open exposure metering)
Attachment size:	52mm (P=0.75)
Filter	52mm screw-in
Dimensions:	64.5mm dia. X 70mm length (2-17/32 in. X 2-3/4 in.)
Weight:	345g (12.2oz)
Accessories:	52mm snap-on front cap (108-00-400), rear cap type F (108-00-401), 52mm screw-in lens hood (108-01-201), leather case CL-6 (108-00-303), plastic case type S (108-00-300), flexible pouch No. 51 (108-00-302)



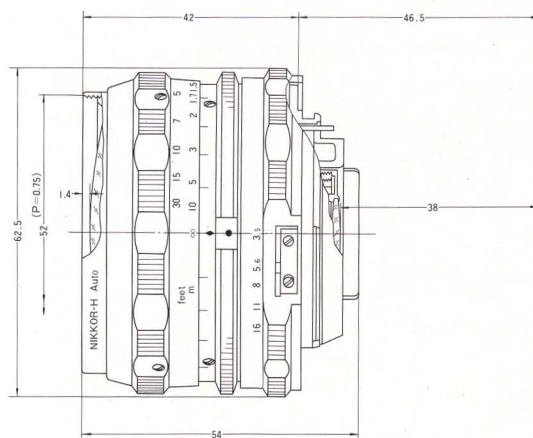
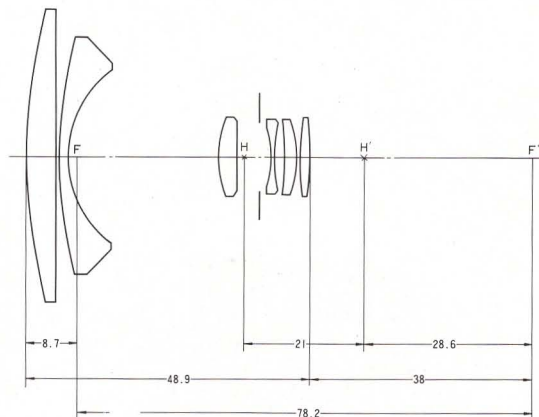
(m/m)

Introduced soon after the debut of the Nikon F in 1959, this wideangle lens has long been a favorite among Nikon-armed photographers and photo enthusiasts.

Although the lens is of the retro-focus type, with a picture angle of 74° and consisting of only 6 elements in 6 groups, it gives vivid contrast and brilliance even at full lens opening, with a minimum of coma and distortion. The lens is precisely corrected for spherical aberrations, eliminating the displacement of focus, which is liable to occur as the diaphragm is stopped down.

These outstanding features make this lens excellent for panoramic landscapes, candid work and for architectural and interior photography.

Focal length:	28mm
Maximum aperture:	1 : 3.5
Lens construction:	6 elements in 6 groups
Picture angle:	74°
Distance scale:	Graduated both in meters and feet up to 0.6mm and 2ft
Aperture scale:	f/3.5 — f/16
Aperture diaphragm:	Fully automatic
Meter coupling prong:	Integrated (fully open exposure metering)
Attachment size:	52mm (P=0.75)
Filter:	52mm screw-in
Dimensions:	62.5mm dia. X 54mm length (2-7/16 in. X 2-1/8 in.)
Weight:	215g (7.6oz)
Accessories:	52mm snap-on front cap (108-00-400), rear cap type F (108-00-401), 52mm screw-in lens hood (108-01-202), leather case (108-00-305), plastic case type S (108-00-300), flexible pouch No. 51 (108-00-302)



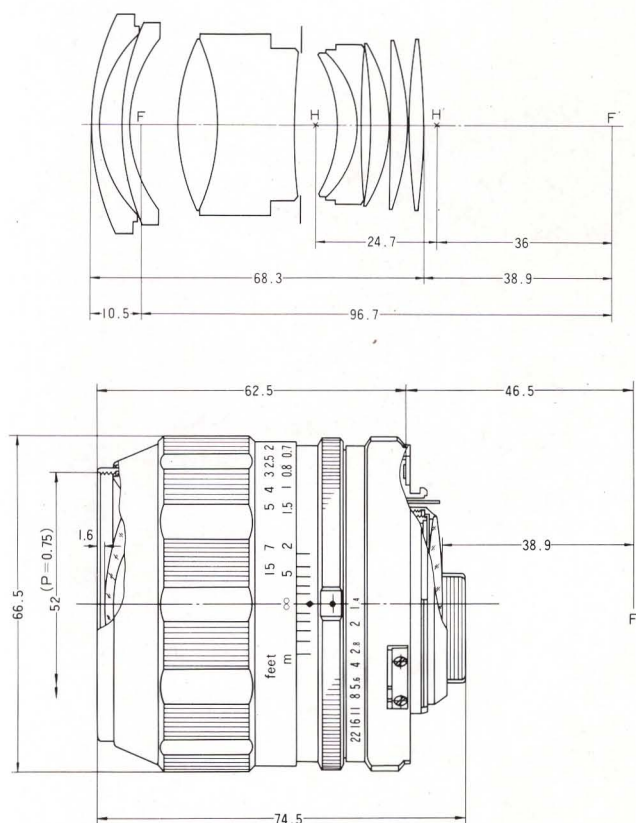
(m/m)

This is the fastest wideangle lens in the Nikkor lens system. The high speed of f/1.4 and 62° angle of view make this lens one of the most essential pieces of optical equipment for every photographer. The rear group of lens elements shifts its relative position to other elements according to focused distance. This system, called "floating elements" correction, is required of large aperture wideangle lenses in particular to maintain image quality at close focusing distance.

The multi-layer coating, applied on each glass-to-air surface of the optical elements of the lens, is designed to give optimum photographic results.

The new 35mm f/1.4 lens will prove very useful for indoor or outdoor photography where the lighting condition is poor and flash light cannot be utilized. An ideal lens for professional photographers as well as creative amateurs.

Focal length:	35mm
Maximum aperture:	1 : 1.4
Lens construction:	9 elements in 7 groups
Picture angle:	62°
Distance scale:	Graduated both in meters and feet up to 0.3m and 1ft
Aperture scale:	f/1.4 — f/22
Aperture diaphragm:	Fully automatic
Meter coupling prong:	Integrated (fully open exposure metering)
Attachment size:	52mm (P=0.75)
Filter:	52mm screw-in
Dimensions:	66.5mm dia. X 74.5mm length (2-5/8 in. X 2-15/16 in.)
Weight:	415g (14.6oz)
Accessories:	52mm snap-on front cap (108-00-400), rear cap type F (108-00-401), 52mm screw-in lens hood (108-01-203), leather case CL-9 (108-02-304), plastic case type S (108-00-300), flexible pouch No. 52 (108-02-302)



(m/m)

A 35mm lens with a high-speed f/2 aperture makes this the "standard" choice among photographers, professional and amateur alike.

It is of the retro-focus type, with 8 elements in 6 groups. Its unique optical design eliminates coma and other aberrations to give a sharp picture of high contrast even at full lens opening.

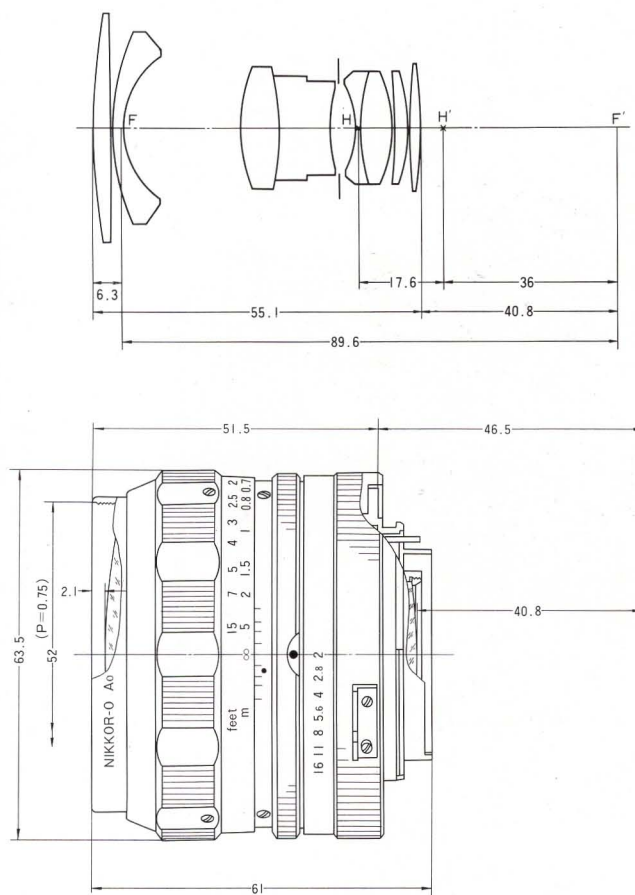
The fast f/2 lens opening makes focusing rapid and precise even under adverse light conditions.

In perspective, this 35mm wideangle lens is close to the normal lens, offering "moderately" exaggerated perspective. Its picture angle is 62°.

With the smallest fall-off of brightness in picture corners, this is a standout among wideangles in its class.

The large f/2 aperture makes this lens highly effective for snapshots, indoor photography and instant candid work under poor light conditions.

Focal length:	35mm
Maximum aperture:	1 : 2
Lens construction:	8 elements in 6 groups
Picture angle:	62°
Distance scale:	Graduated both in meters and feet up to 0.3m and 1ft
Aperture scale:	f/2 — f/16
Aperture diaphragm:	Fully automatic
Meter coupling prong:	Integrated (fully open exposure metering)
Attachment size:	52mm (P=0.75)
Filter:	52mm screw-in
Dimensions:	63.5mm dia. X 61mm length (2-1/2 in. X 2-13/32 in.)
Weight:	285g (10.1 oz)
Accessories:	52mm snap-on front cap (108-00-400), rear cap type F (108-00-300), 52mm screw-in lens hood (108-01-203), leather case (108-00-303), plastic case type S (108-00-300), flexible pouch No. 51 (108-00-302)



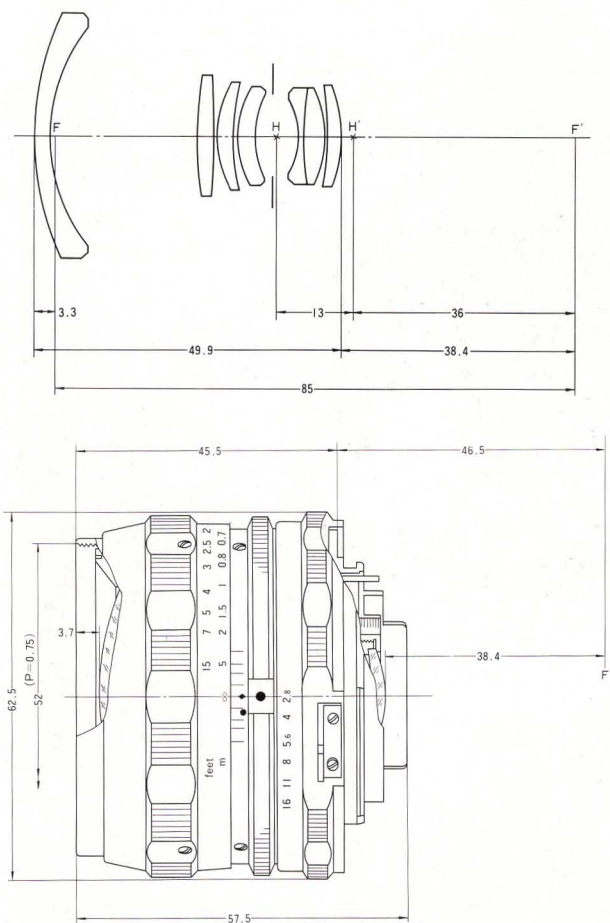
(mm)

Weighing only 200 grams, this is the lightest but a compact, versatile wideangle lens that is often used in general-purpose photography.

The retro-focus type lens having a moderate angle of view of 62°, provides "close-to-normal" perspective. Consisting of 7 elements in 6 groups—a "luxury" feature for a f/2.8 class lens—it offers outstanding definition even at full lens opening with minimal spherical aberration and curvature of image field. This 35mm f/2.8 wideangle is a popular choice for landscape, outdoor candid action and architectural photography.

It is also very useful in flash photography. Its 62°-picture angle is smaller than the illumination angle—about 65°—of most speedlight and flash units.

Focal length:	35mm
Maximum aperture:	1 : 2.8
Lens construction:	7 elements in 6 groups
Picture angle:	62°
Distance scale:	Graduated both in meters and feet up to 0.3m and 1ft
Aperture scale:	f/2.8 – f/16
Aperture diaphragm:	Fully automatic
Meter coupling prong:	Integrated (fully open exposure metering)
Attachment size:	52mm (P=0.75)
Filter:	52mm screw-in
Dimensions:	62.5mm dia. X 57.5mm length (2-15/32 in. X 2-1/4 in.)
Weight:	200g (7.1 oz)
Accessories:	52mm snap-on front cap (108-00-400), rear cap type F (108-00-401), 52mm screw-in lens hood (108-01-203), leather case (108-00-305), plastic case type S (108-00-300), flexible pouch No. 51 (108-00-302)



(m/m)