

# NORMAL NIKKOR LENSES

Designed for general-purpose photography, the normal or standard lens has its focal length almost equal to the diagonal of the 35mm film format, e.g., a focal length of about 50mm or 2 inches is considered to be the standard. This means that the normal lenses have a picture angle of about  $45^\circ$ , which is said to approximate the angle of view of the human eye to produce natural perspectives in a picture.

The Nikkor normal lenses provide high speed, excellent resolution and color rendition. In focal length and depth of field, they are placed between wideangle and telephoto lenses.

Three Nikkor normal lenses are available for the Nikon camera: two 50mm lenses, one with an aperture of f/1.4 and the other f/2 plus a 55mm f/1.2 lens. The 55mm f/3.5 Micro-Nikkor-P Auto—designed primarily for close-up work—and the 45mm f/2.8 GN Auto Nikkor for flash photography often double as normal lenses, having more or less standard focal lengths.

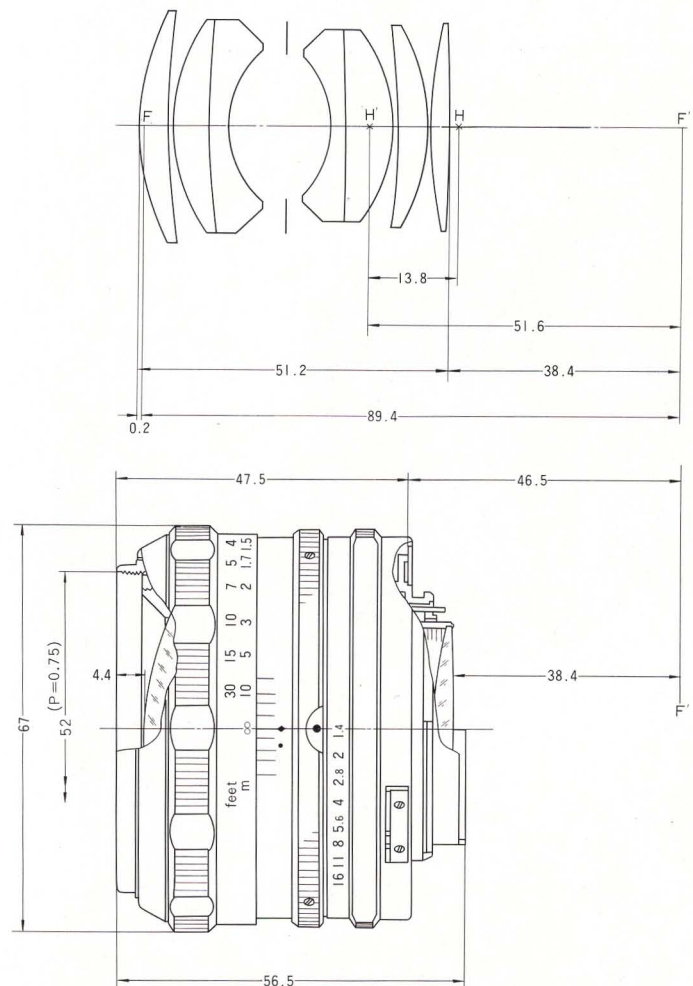
With an f/1.4 aperture, this lens has enjoyed world-wide renown as the "standard" standard lens in 35mm photography.

Without flash, the lens demonstrates its worth under extremely poor light conditions as well as in available light situations.

The f/1.4 aperture provides an all-around bright image in the viewfinder. Focusing is easy and accurate as the lens has shallow depth of field, and the displacement of focus resulting from stopping down of the diaphragm is virtually eliminated.

At full f/1.4 aperture, a slight flare may be detected but at f/2.8 or smaller, the flare completely disappears. This compact, well-designed lens is an outstanding general-purpose lens for portraiture, landscape and indoor sports photography.

Focal length:	50mm
Maximum aperture:	1 : 1.4
Lens construction:	7 elements in 5 groups
Picture angle:	46°
Distance scale:	Graduated both in meters and feet up to 0.6m and 2ft
Aperture scale:	f/1.4 — 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:	67mm dia. X 56.5mm length (2-5/8 in. X 2-7/32 in.)
Weight:	325g (11.5 oz)
Accessories:	52mm snap-on front cap (108-00-400), rear cap type F (108-00-401), 52mm screw-in (108-00-203) or snap-on (108-00-201) lens hood, leather case (108-00-303), plastic case type S (108-00-300), flexible pouch No. 51 (108-00-302)

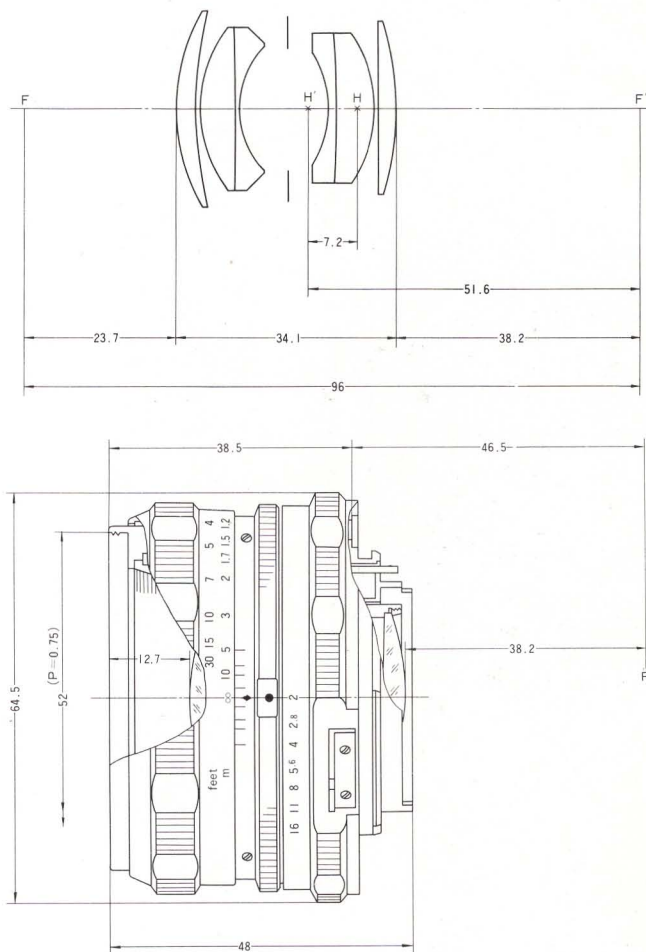


(m/m)

This is the most versatile of all Nikkor interchangeable lenses. Consisting of 6 elements in 4 groups, it weighs only 205 grams. Aberrations are corrected to the highest degree. Even at full aperture, flares are negligible. The lens has very high resolution and outstanding color rendition.

Besides being an ideal general-purpose lens, it is useful in close-ups utilizing a variety of attachments and accessories.

Focal length:	50mm
Maximum aperture:	1 : 2
Lens construction:	6 elements in 4 groups
Picture angle:	46°
Distance scale:	Graduated both in meters and feet up to 0.6m and 2ft
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:	64.5mm dia. X 48mm length (2-17/32 in. X 1-7/8 in.)
Weight:	205g (7.2oz)
Accessories:	52mm snap-on front cap (108-00-400), rear cap type F (108-00-401), 52mm screw-in (108-00-203) or snap-on (108-00-202) lens hood, leather case (108-00-305), plastic case type S (108-00-300), flexible pouch No. 51 (108-00-302)



(m/m)

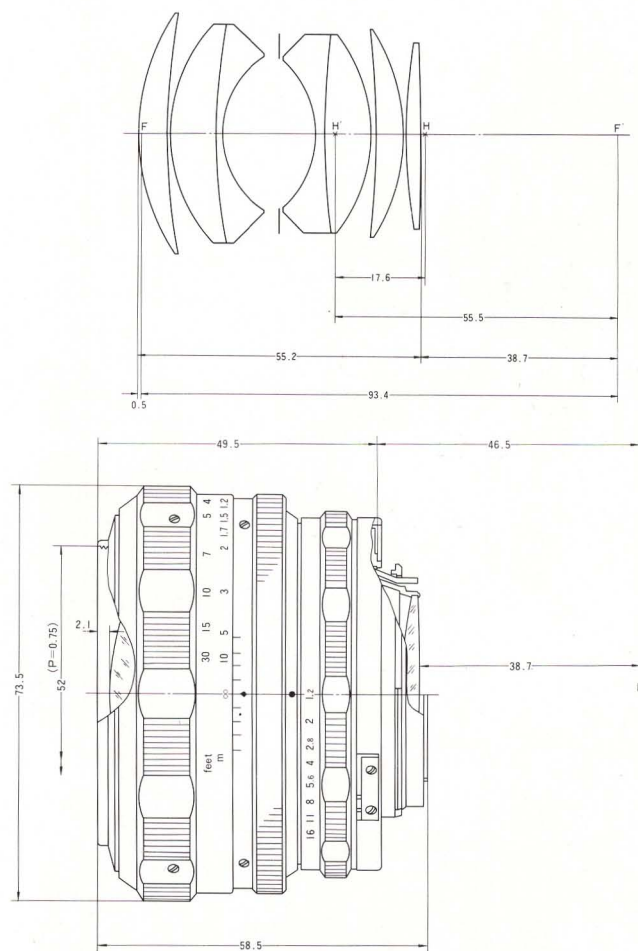
Featuring an f/1.2 aperture, this is the brightest among Nikkor Auto lenses. It incorporates the time-honored high resolution characteristic of Nikkor lenses.

Despite its large aperture, aberrations are corrected to the highest degree. Flares are minimized to give a sharp image of outstanding contrast at full lens opening.

Thanks to the bright viewfinder image and shallow depth of field, focusing is rapid and precise.

Besides general photography, this lens is highly useful for indoor and outdoor color photography without flash.

Focal length:	55mm
Maximum aperture:	1 : 1.2
Lens construction:	7 elements in 5 groups
Picture angle:	43°
Distance scale:	Graduated both in meters and feet up to 0.6m and 2ft
Aperture scale:	f/1.2 — 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:	73.5mm dia. X 58.5mm length (2-29/32 in. x 2-9/32 in.)
Weight:	420g (14.8oz)
Accessories:	52mm snap-on front cap (108-00-400), rear cap type F (108-00-401), 52mm screw-in (108-00-204) or snap-on (108-00-200) lens hood, leather case (108-01-307), plastic case type S (108-00-300), flexible pouch No. 51 (108-00-302)



(m/m)