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Find the *Nikon EL-Nikkor 75mm* at our website: *Click HERE*

Nikon EL-Nikkor

Enlarging Lenses



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Everything comes out true. . .EL-Nikkor

EL-Nikkor enlarging lenses are designed to handle every job with uniform illumination, full color fidelity, accurate focusing, facility in use, and compatibility with most enlarging and printing sytems.

. . .designed to handle any job. . .

Each EL-Nikkor lens is designed for a specific film format and magnification range to provide maximum print sharpness and detail.

. . .uniform illumination. . .

Uniform brightness over the entire image area is critical for fine results. You can depend on EL-Nikkors for even, edge-to-edge exposure.

. . .full color fidelity. . .

Sophisticated optical glass combinations, also employed in critical photoengraving applications, ensure the highest performance in color rendition.

. . .accurate focusing. . .

To assure accurate focusing, EL-Nikkor lenses are corrected for the near ultraviolet range, to which most black-and-white enlarging papers are sensitive. Additionally, they do not shift focus as they are stopped down.

. . .facility in use. . .

EL-Nikkor lenses from 50 to 135mm have click-stopped aperture rings, with the large aperture scale in white for greater readability even in a darkroom.

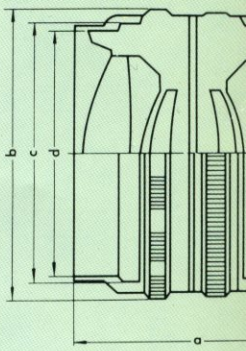
. . .compatibility. . .

The standard thread mount on most EL-Nikkors assures easy mounting and full compatibility with most enlarging and printing systems.

. . .attachments (reversing adapters). . .

Accessory rings are available to facilitate mounting EL-Nikkors onto different types of enlargers and process cameras. For the EL-Nikkor lenses from 50 to 105mm, accessory mounting rings connect the front filter attachment thread for reverse mounting of the lens on a process camera. An additional ring is available for mounting the 210mm F5.6 onto Durst-type enlargers.

External Dimens



50mmF2.8N



50mmF4



63mmF2.8N



NEW

75mmF



Specifications

	Focal length	Minimum f/stop	Lens construction	Standard magnification	Usable magnification range	Covering power	Correction wavelength range	Original size
50mmF2.8N	52.1mm	f/16	4 – 6	8X	2X ~ 20X	46°	380 ~ 700mμ	43.2mmϕ
50mmF4	51.6mm	f/16	3 – 4	8X	2X ~ 20X	46°	380 ~ 700mμ	43.2mmϕ
63mmF2.8N	62.9mm	f/16	4 – 6	8X	2X ~ 20X	46°	380 ~ 700mμ	55.2mmϕ
75mmF4	75mm	f/45	3 – 4	5X	2X ~ 10X	52°	380 ~ 700mμ	80mmϕ
80mmF5.6N	80.1mm	f/32	4 – 6	5X	2X ~ 15X	56°	380 ~ 700mμ	95mmϕ
105mmF5.6N	105.5mm	f/32	4 – 6	5X	2X ~ 10X	51°	380 ~ 700mμ	120mmϕ
135mmF5.6	135mm	f/45	4 – 6	5X	2X ~ 10X	54°	380 ~ 700mμ	160mmϕ

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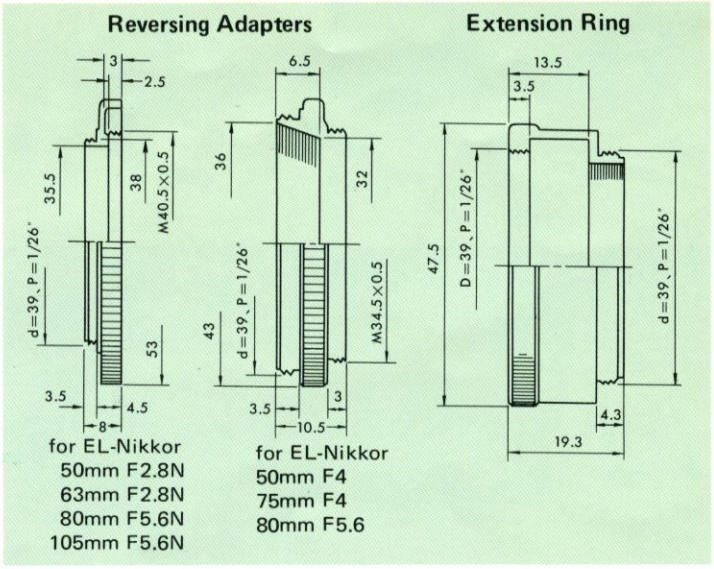
...accessories for mounting...

Reversing Adaptors (Optional)

There are two kinds of accessory rings for mounting EL-Nikkor lenses onto process cameras of either the vertical (i.e., enlarger-type) or horizontal configuration—one for the 50mm F2.8N, 63mm F2.8N, 80mm F5.6N and 105mm F5.6N, and another for the 50mm F4 and 75mm F4. One side of the ring fits the attachment thread of the lens; the other side fits the screw mount thread (d=39mm, P=1/26"). The ring facilitates reverse mounting on a process camera by simple connection of the front filter attachment thread with the screw mount thread.

Extension Ring (Optional)

Some enlargers employ a slide-in mounting system which will accommodate a lens to which a base plate has been attached. This extension ring is designed for use with several EL-Nikkor lenses in which the rear lens element protrudes beyond the lens mount thread making regular mounting impossible.



Caution: With certain enlargers, it may be difficult to focus in extra-large magnification when the extension ring is in use.

80mmF5.6N 105mmF5.6N 135mmF5.6





NEW



NEW



Format size	Weight	Length (a)	Diameter (b)	Front mount size (dia. x pitch) (c)	Attachment size (dia. x pitch) (d)	Rear mount size (dia. x pitch) (e)	Flange diameter (f)
24 x 36mm	105g	39mm	51mm	–	40.5mmφ x 0.5mm	39mmφ x 1/26"	–
24 x 36 mm	100g	28mm	44.5mm	–	34.5mmφ x 0.5mm	39mmφ x 1/26"	–
32 x 45mm	120g	42.5mm	51mm	–	40.5mmφ x 0.5mm	39mmφ x 1/26"	–
60 x 60mm	80g	32mm	44.5mm	–	34.5mmφ x 0.5mm	39mmφ x 1/26"	–
60 x 70mm	100g	38.5mm	51mm	–	40.5mmφ x 0.5mm	39mmφ x 1/26"	–
60 x 90mm	110g	40mm	51mm	–	40.5mmφ x 0.5mm	39mmφ x 1/26"	–
90 x 120mm (4 x 5 in.)	260g	47.2mm	57mm	46mmφ x 0.5mm	43mmφ x 0.5mm	39mmφ x 1/26" 45mmφ x 0.5mm	–

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Specifications

	150mmF5.6	180mmF5.6	210mmF5.6	240mmF5.6	300mmF5.6	360mmF5.6
Focal length	150mm	180mm	210mm	240mm	300mm	360mm
Minimum f/stop	f/45	f/45	f/45	f/45	f/45	f/45
Lens construction	4 – 6	4 – 6	4 – 6	4 – 6	4 – 6	4 – 6
Standard magnification	4X	4X	4X	3X	2X	2X
Usable magnification range	2X ~ 8X	2X ~ 8X	2X ~ 8X	1X ~ 6X	1X ~ 4X	1X ~ 4X
Covering power	54°	54°	54°	54°	52°	52°
Correction wavelength range	380 ~ 700mμ	380 ~ 700mμ	380 ~ 700mμ	380 ~ 700mμ	380 ~ 700mμ	380 ~ 700mμ
Original size	190mmφ	230mmφ	270mmφ	330mmφ	440mmφ	500mmφ
Format size	100 x 130mm (4 x 5 in.)	130 x 180mm (5 x 7 in.)	130 x 210mm (5 x 7 in.)	180 x 240mm (8 x 10 in.)	270 x 330mm (10 x 12 in.)	300 x 400mm (11 x 14 in.)
Weight	300g	430g	600g	910g	1550g	2700g
Length (a)	55.5mm	62.6mm	77mm	81.7mm	97mm	119mm
Diameter (b)	62mm	76mm	82mm	96mm	117mm	143mm
Front mount size (dia. x pitch) (c)	53mmφ x 0.75mm	62mmφ x 1mm	72mmφ x 1mm	82mmφ x 1mm	100mmφ x 1mm	130mmφ x 1.5mm
Attachment size (dia. x pitch) (d)	47mmφ x 0.5mm	58mmφ x 0.75mm	68mmφ x 0.75mm	77mmφ x 0.75mm	95mmφ x 1mm	120mmφ x 1mm
Rear mount size (dia. x pitch) (e)	53mmφ x 0.75mm	62mmφ x 1mm	72mmφ x 1mm	82mmφ x 1mm	100mmφ x 1mm	130mmφ x 1.5mm
Flange diameter (f)	74mm	88mm	98mm	108mm	131mm	165mm

The equipment shown in this brochure represents the latest available at the time of printing. Designs and specifications are subject to change without notice.

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