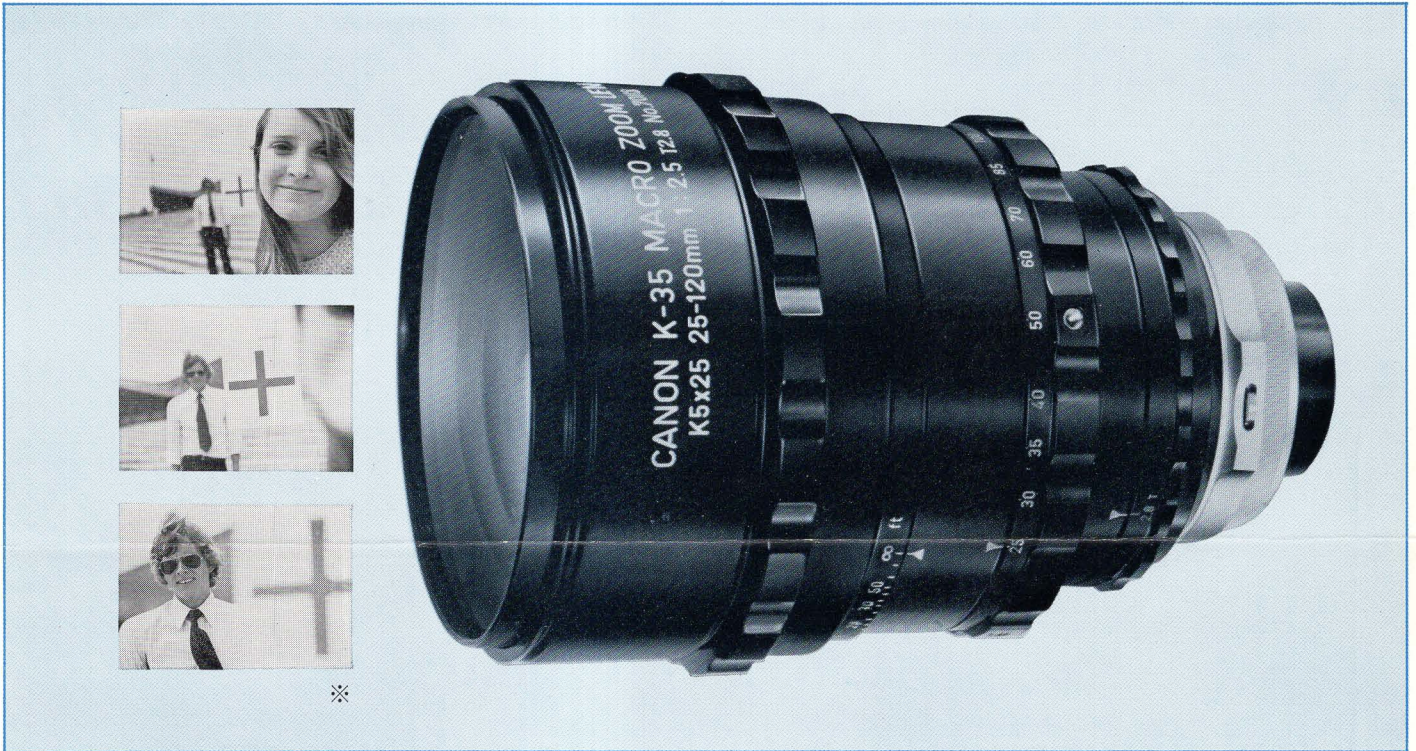


Canon

K-35 MACRO ZOOM LENS K5X25 25-120mm T2.8



※ By use of the K5 x 25, multi-point focus, where the object distance moves consecutively, is possible.

Canon Introduces the World's First Zoom Lens with Macro for 35mm Motion Picture Cameras

The Canon K-35 Macro Zoom Lens K5 x 25 is a newly-developed five-times macro zoom lens, which was jointly developed by Canon Inc. and the Association of Motion Picture and TV Producers Inc., of the United States.

With a 25-120mm focal length range, this world's first macro zoom lens is an interchangeable lens for 35mm motion picture cameras and is available in two different mounts: Arriflex type and Mitchell type. By using macro photography function, the specialized techniques such as multi-point focus and super close-ups with wide-angle effects are possible.

Additionally, use of the optional Range Extender 2X, the focal length range can be extended from 25-120mm to 50-240mm.

Outstanding Features

1. The K-35 Macro Zoom Lens K5 x 25 is the world's first macro zoom lens for 35mm motion picture cameras. Super close-ups with wide-angle effects and multi-point focus are possible by use of its macro function.
2. This high resolving power lens delivers excellent color reproduction.
3. Minimized distortion assures faithful image reproduction throughout the full zoom range equal to that of a mono focal length lens.
4. The mechanical construction has been strengthened in durability for professional use.

Canon K-35 MACRO ZOOM LENS

K5x25

25-120mm T/2.8

Optical Specifications

Application: For 35mm motion picture cameras
Range of Focal Lengths: 25-120mm
T Stop: T/2.8
Zoom Ratio: 5X
Wavelength Range for Color Correction: 400-700 m μ
Number of Lens Elements: 19 elements in 15 components
Image Format Covered: $\frac{3}{4}$ " x $\frac{7}{8}$ " (18.669 x 22.093mm)
Diagonal $1\frac{1}{8}$ " ϕ (28.9mm ϕ)
Maximum Image Format Covered: $1\frac{3}{16}$ " ϕ (31mm ϕ)
Minimum Object Distance from Focal Plane:
4' (1.2m) for image format
 $1\frac{1}{8}$ " ϕ (28.9mm ϕ)
Angular Field of View: Wide 39.9° x 46.5°
Tele 8.9° x 10.7°

Object Dimensions at 4' (1.2m) Object Distance:
Wide $2\frac{15}{16}$ " x $2'5\frac{1}{2}$ "
(63.4cm x 75.0cm)
Tele $5\frac{7}{16}$ " x $6\frac{7}{16}$ "
(13.8cm x 16.3cm)

Clear Aperture of Front Glass: $4\frac{3}{8}$ " ϕ (111.0mm ϕ)
Clear Aperture of Rear Glass: $1\frac{7}{16}$ " ϕ (36.0mm ϕ)
Overall Length (from front vertex to focal plane):
 $10\frac{1}{8}$ " (257.9mm)

Optical Back Focal Distance: $2\frac{3}{16}$ " (56.18mm)
Macro: 6" (152mm) from front glass
Zoom Type: Canon mechanical compensation type
Weight: 8 lbs. 13 $\frac{1}{16}$ oz. (4 kg) without mount adapter
Size: $5\frac{5}{16}$ " ϕ (135mm ϕ) maximum diameter x $8\frac{1}{4}$ " (209.5 mm) with Mitchell mount adapter

Mechanical Specifications

Construction: Heavy duty mechanical design for rugged use for professional motion picture production.
Mount: Adapter mode Mitchell and Arriflex mount.
Adapter can be freely set on and off by bayonet.
Adapters for Camera
Adapters for other cameras are available through distributors and service centers of this lens.
Flange Back: Without mount adapter 76 ± 0.01 mm
With Mitchell mount adapter (61.468 ± 0.015 mm)
With Arriflex mount adapter 52 ± 0.015 mm
Zoom Operation: Turn manual rotation ring (with lever which may be fixed any of each four position) clockwise to maximum focal length seen from the front lens.
Total angular rotation 120°
Focal length indication
25, 30, 35, 40, 50, 60, 70, 85, 100, 120mm

Set and release click stopper (each scale of focal length and their mean point)
Focus Operation: Turn manual rotation ring clockwise to ∞ seen from the front lens.
Total angular rotation 175°28'
Object distance indication
ft ∞ , 50, 30, 20, 15, 12, 10, 8, 7, 6, 5, 4.5, 4
Iris Operation: Turn manual rotation ring clockwise to full aperture seen from the front lens.
Total angular rotation 74°05'
Diaphragm indication
T 2.8, 4, 5.6, 8, 11, 16, 22
Macro Ring Operation: Turn manual rotation ring clockwise to Macro seen from the front lens.
Total angular rotation 60°
Accessory
Extender: 2X
Set to bayonet of the lens
Camera side: Mitchell mount and Arriflex mount.
Adapters are set to bayonet.

Canon

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