



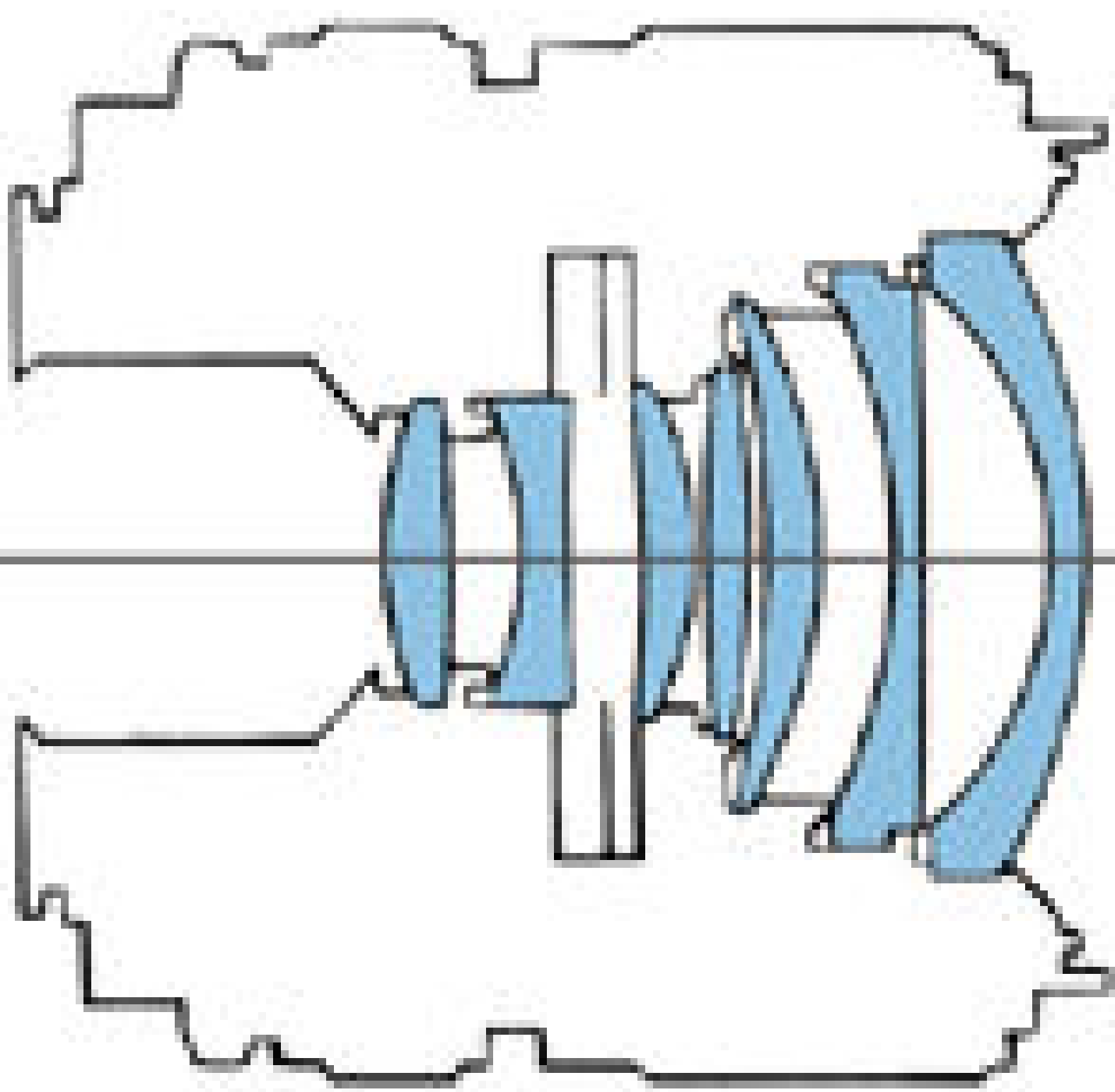
















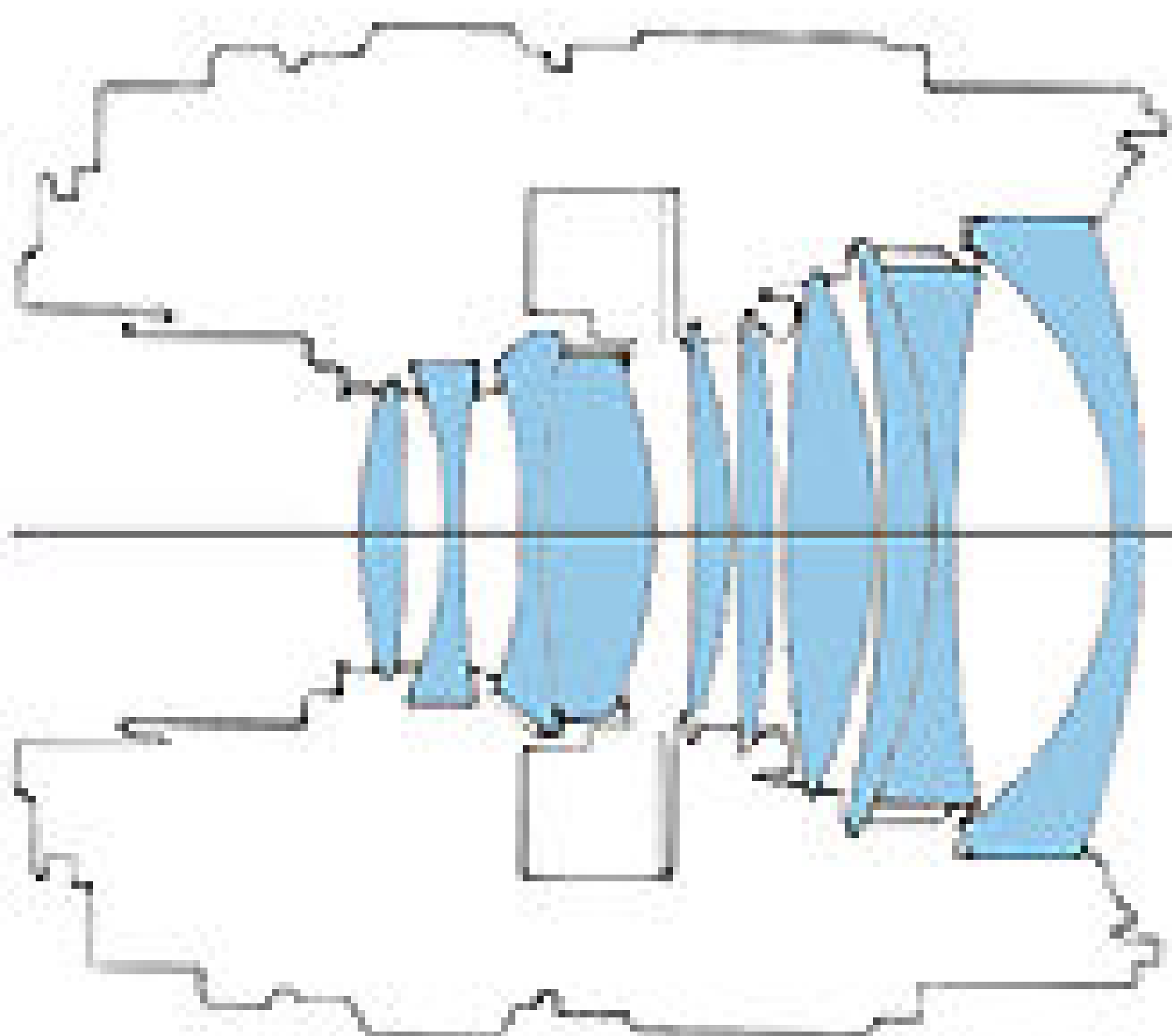






















Closest focusing distance from 0.45m - 0.7m























AI-MD

AUTO-ZOOM

35-80mm

1:2.8

2.8

1 1.5 10 ∞

ft

m

80

35

35

50

80

22

16

11

8

5.6

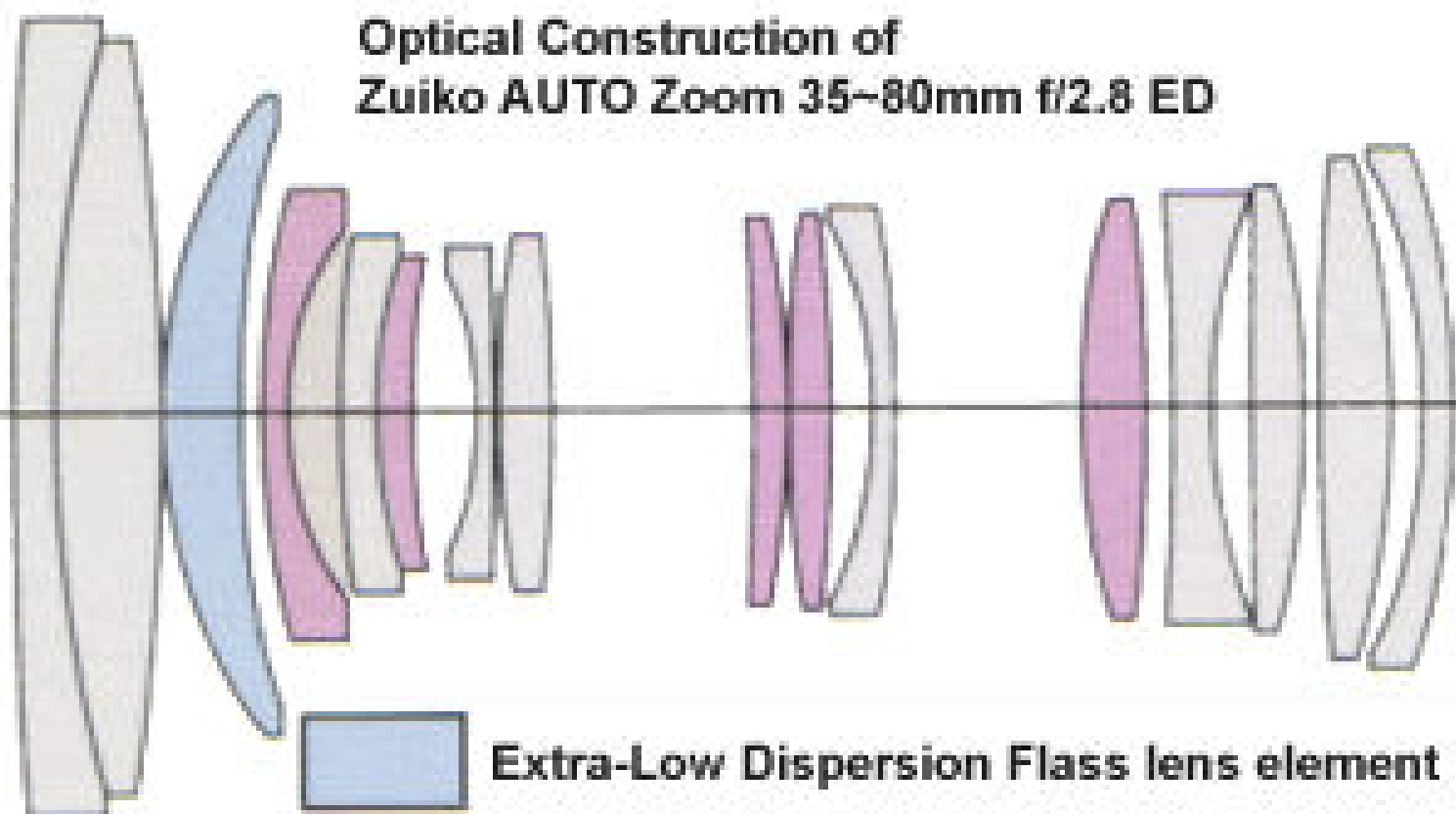
4

2.8

35-80mm



**Optical Construction of
Zuiko AUTO Zoom 35~80mm f/2.8 ED**



Extra-Low Dispersion Glass lens element



High Refractive Index Glass lens elements

OLYMPUS®

OM-3Ti

Mechanical Shutter 35mm SLR Camera



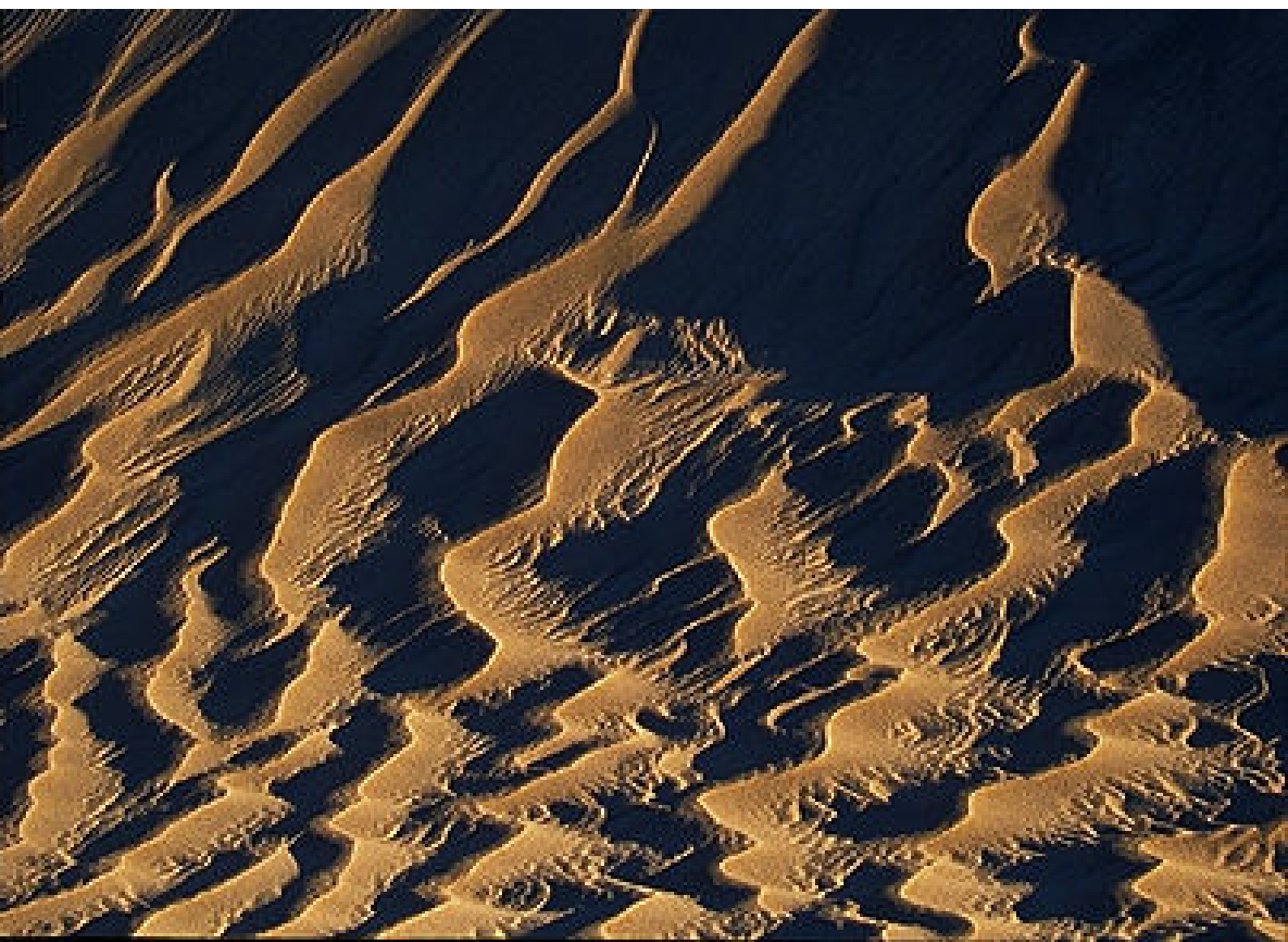












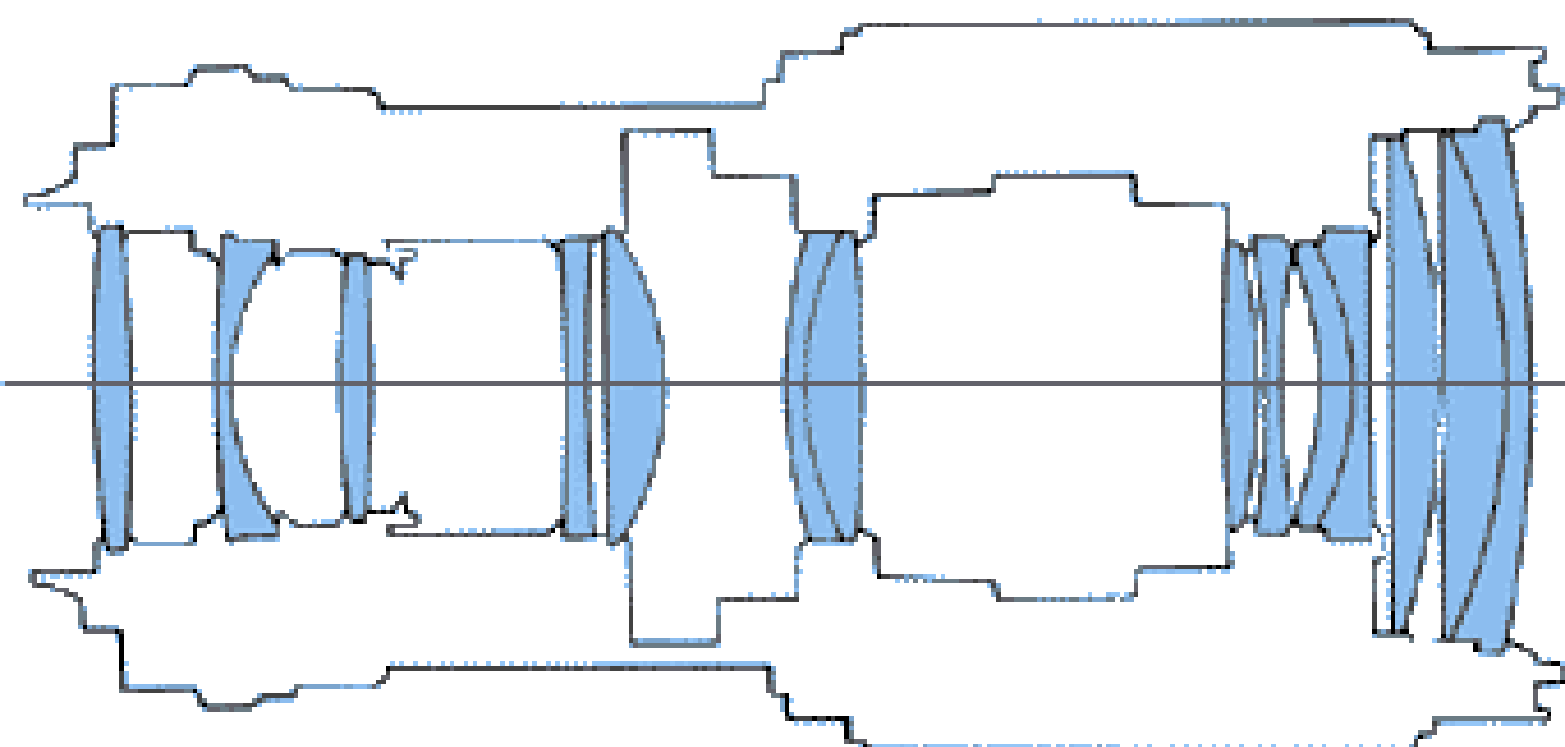
































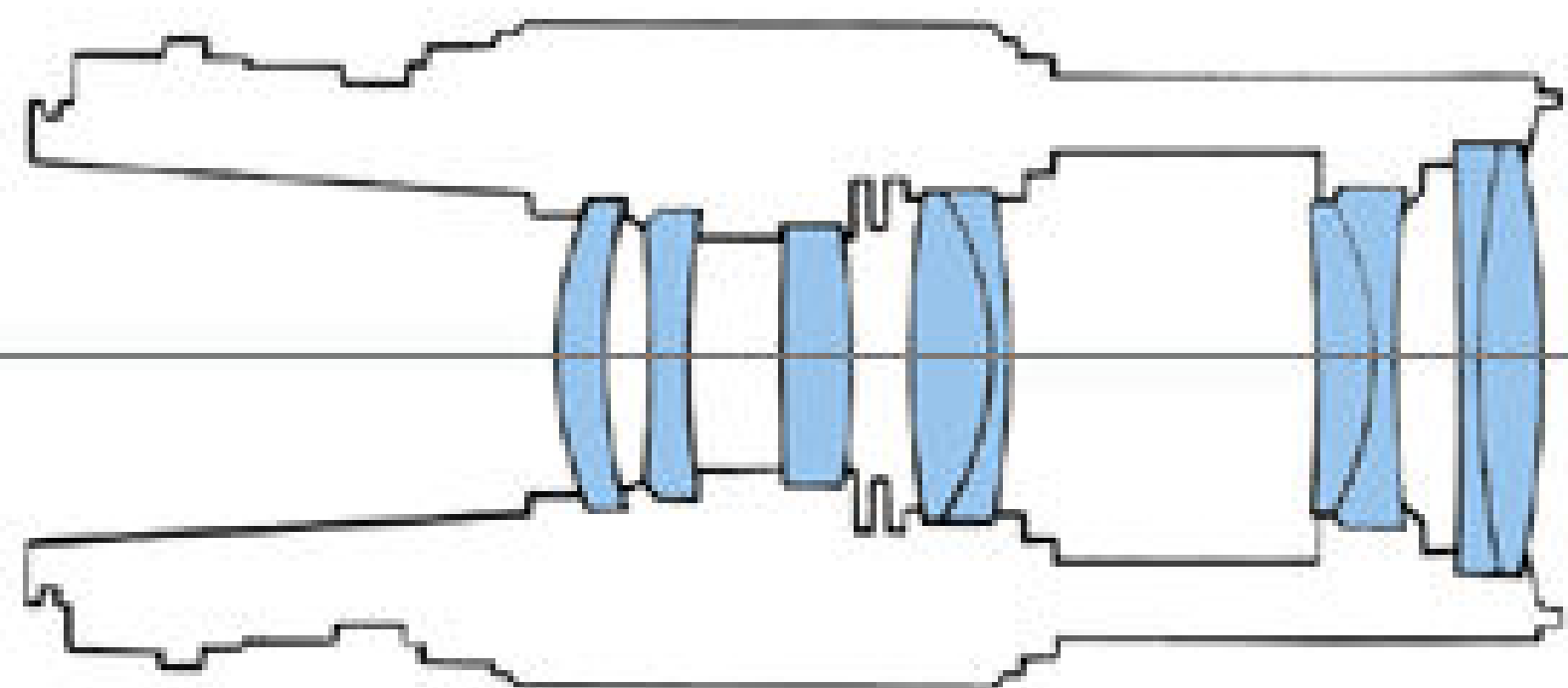














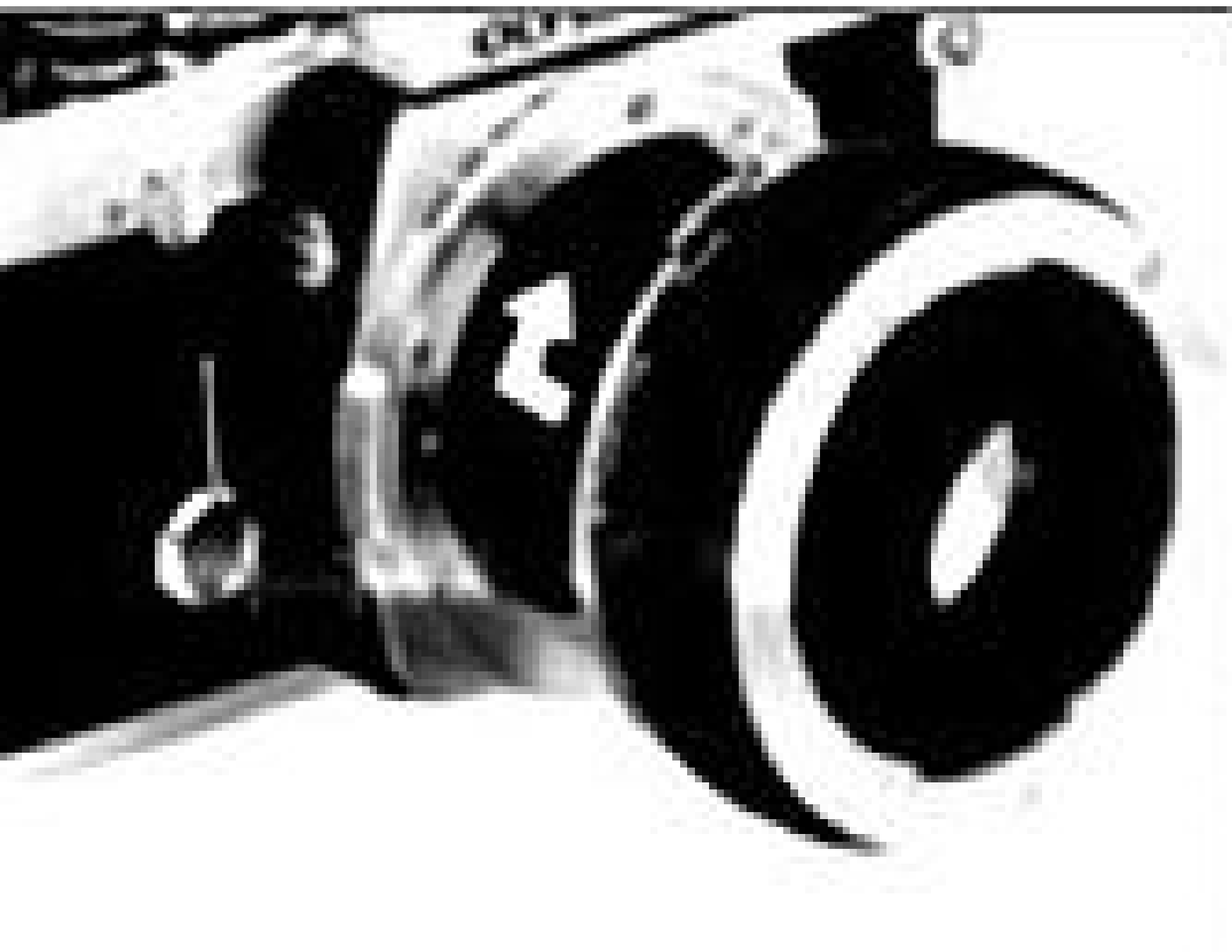


























Nikon



INSTRUCTION MANUAL































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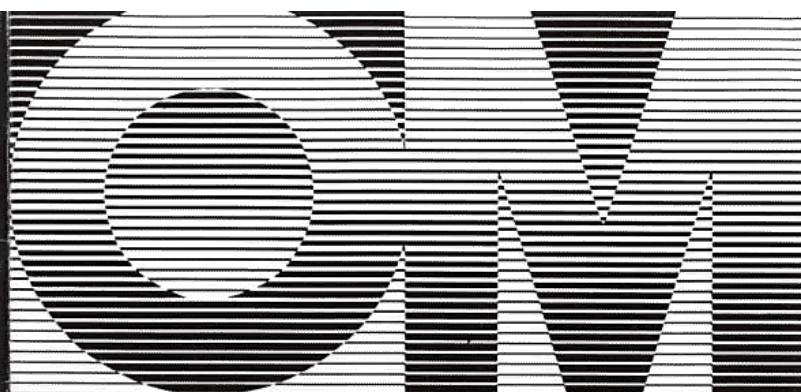
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OLYMPUS



Telescopic
Auto Extension Tube 65-116
■ OPERATING INSTRUCTIONS



We are sure your Telescopic Auto Tube 65-116 will become a valuable component in your OM System. This unique instrument functions as a portable bellows combined with extension tubes for outstanding versatility and convenience in macro-photography. Especially when used in conjunction with the Zuiko MC Auto-Macro 135mm F4.5 lens or MC 1:1 Auto-Macro 80mm F4 lens, this unit can perform unusual maneuverability most suitable for outdoor action macrophotography. To enjoy your macrophotography with great pleasure, make yourself familiar fully with the use of this unit and obtain optimum performance from this equipment.

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DESCRIPTION OF CONTROLS



*Magnification indications include "1:10" for 1/10, "1:2" for 1/2, etc.
 *This unit can be stored in the lens pouch 150, optionally available.

DETACHING THE TRIPOD MOUNT



- 1) Loosen the clamping screw.
- 2) Rotating the tripod mount by 180°, bring the clamping screw to the top.
- 3) Pull out the tripod mount.
- 4) Aligning red dots, insert the Auto Tube into the tripod mount.
- 5) Rotating the tripod mount by 180°, bring the clamping screw to the bottom and clamp.

*For shooting with the camera and Auto Tube without a tripod, it is convenient to detach the tripod mount.

MOUNTING THE LENS



Aligning red dots, insert and rotate the lens until the lens release button springs up and you will hear a positive "click".

To detach the lens, press down on the lens release button and turn the lens counterclockwise.



MOUNTING ON THE CAMERA BODY



Aligning red dots, turn the Auto Tube clockwise until the tube release button springs up with a "click".

To detach, press down on the tube release button and turn the Auto Tube counterclockwise.



LOCKING THE AUTO TUBE



(1) Rotate the slide ring in the direction of the white arrow to lock, or (2) rotate it in the opposite direction to unlock.

Move the slide (knurled) ring back and forth until you obtain a picture magnification as desired.



DETERMINING THE PICTURE MAGNIFICATION (In case of MC Auto-Macro 135mm lens)



Pull out the extension rings all the way and lock.

The photo above shows that the magnification for the MC Auto-Macro 135mm lens is 1:2.6 (1/2.6x), thus a correct magnification is indicated by the number (white) in the column that is subadjacently aligned with the designation (green) of the lens used.

- * A correct magnification can be ascertained after locking the Auto Tube.
- * The maximum magnification of each lens can be obtained when the extension rings are pulled out all the way.
- * The focusing ring of the lens is most compressed.

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If the extension rings are locked halfway:



- * Make it a point to insert the extension ring (A) into the slide ring fully; otherwise the magnification indication may misread.



When the extension rings are pushed in all the way:

In case of the Auto-Macro 135mm: ∞ indicates infinity and the lens can be used as an ordinary 135mm telephoto. (P.10)



The numbers (white) in a subadjacent column just below the lens designation (green) indicate picture magnifications for each lens. The scale (A) is graduated between 65mm and 116mm in 5mm increments. Refer to the chart of photographic ranges (P.13) for the magnifications of various lenses.

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TAKING PICTURES.



Set a picture magnification as desired on the Auto Tube, and lock.
Set the OM-2 on AUTO.



If you wish to touch up the composition as you look through the viewfinder, unlock and move the slide ring back and forth slightly.

* Lenses: 1:1 Auto Macro 80mm F4 + Close-up Lens 80mm Macro.

EXPOSURE CONTROL



Determine the lens aperture according to the exposure mode of the camera used.

* Refer to the manual for the OM System Macro-photography at pages 13-14.
A brighter subject image can be checked in focus or not with ease in full aperture before the shutter release, because the Auto Tube can stop down the lens aperture automatically at the moment of exposure.

FOCUSING



You can also bring a subject into focus smoothly by moving your body and camera back and forth.

As the field of view is generally dark in macro-photography, it is recommended to select a proper focusing screen most suitable for your purpose.

* Lenses: 1:1 Auto-Macro 80mm + Close-up Lens

