

Zeiss Otus ML 1.4/85 Specification

[Zeiss Otus ML 1.4/80](#)

Specifications

Performance

Focal length	85 mm
Aperture range	f/1.4 – f/16
Camera Mount	Sony E-Mount Canon RF-Mount Nikon Z-Mount
Format compatibility	Full Frame
Focusing range	0,8 m (31.49") – ∞
Free working distance	0,68 m (26.77") – ∞
Angular field** (diag. horiz. vert.)	30° 25° 17°
Diameter of image field	43 mm (1.69")
Coverage at close range (MOD)**	289 x 193 mm (11.37 x 7.59")
Image ratio at minimum object distance	1:8.1
Lens elements groups	15 11
Flange focal distance	E: 18 mm (0.70") RF: 20 mm (0.78") Z: 16 mm (0.62")
Entrance pupil position (front of image plane)	42.6 mm (1.68")

Features

Autofocus	–
Image Stabilization	–

Physical

Filter thread	M77 x 0.75
Rotation angle of focusing ring	244°
Diameter max.	88 mm (3.46")
Diameter of focusing ring	E: 88 mm (3.46") RF: 88 mm (3.46") Z: 88 mm (3.46")
Length (with lens caps)	E: 127 mm (5.03") RF: 126 mm (4.96") Z: 129 mm (5.07")
Length (without lens caps)	E: 113 mm (4.44") RF: 111 mm (4.37") Z: 116 mm (4.56")
Weight	E: 1033 g (2.29 lbs) RF: 1055 g (2.33 lbs) Z: 1061 g (2.34 lbs)