



Press Release

Technical data for the ExoLens lenses with optics by ZEISS

	Wide angle	Tele	Macro
Optics	ZEISS Mutar	ZEISS Mutar	ZEISS Vario-Proxar
Focal length	18 mm ²⁾	56 mm ²⁾	40-80 mm
Magnification factor	0.6x	2.0x	–
Lens elements/groups	4/4	5/3	3/2
Focusing range	0.05 m – infinity	0.36 m – infinity	30-78 mm
Image field (diag.)³⁾	100°	42°	75°
Coverage at close range (MOD)³⁾	dia. 68 mm	dia. 273 mm	dia. 35.6 mm (near) dia. 111.3 mm (far)
Magnification ratio at minimum object distance³⁾	0.088	0.022	0.172 (near) 0.055 (far)
Diameter (without/with lens shade)	44 mm/60 mm	44 mm/52 mm	34 mm/39 mm
Length (without/with lens shade)	29 mm/38 mm	33.5 mm/46.5 mm	12.5 mm/23.2 mm
Weight (without/with lens shade)	83 g/90 g	91 g/98 g	41 g/48 g

Available brackets for smartphones

iPhone^{®1)} 6, 6 Plus, 6s, 6s Plus

¹⁾ iPhone[®] is a trademark of Apple Inc.

²⁾ Equivalent focal length including smartphone camera for 35 mm format (36x24 mm):
f = 28 mm

³⁾ Assuming following optical parameters of the smartphone camera: with 35 mm format-equivalent focal length f = 28 mm, sensor diameter dia._{im} = 6 mm, minimum object distance MOD = 80 mm, min. magnification β = 0.058