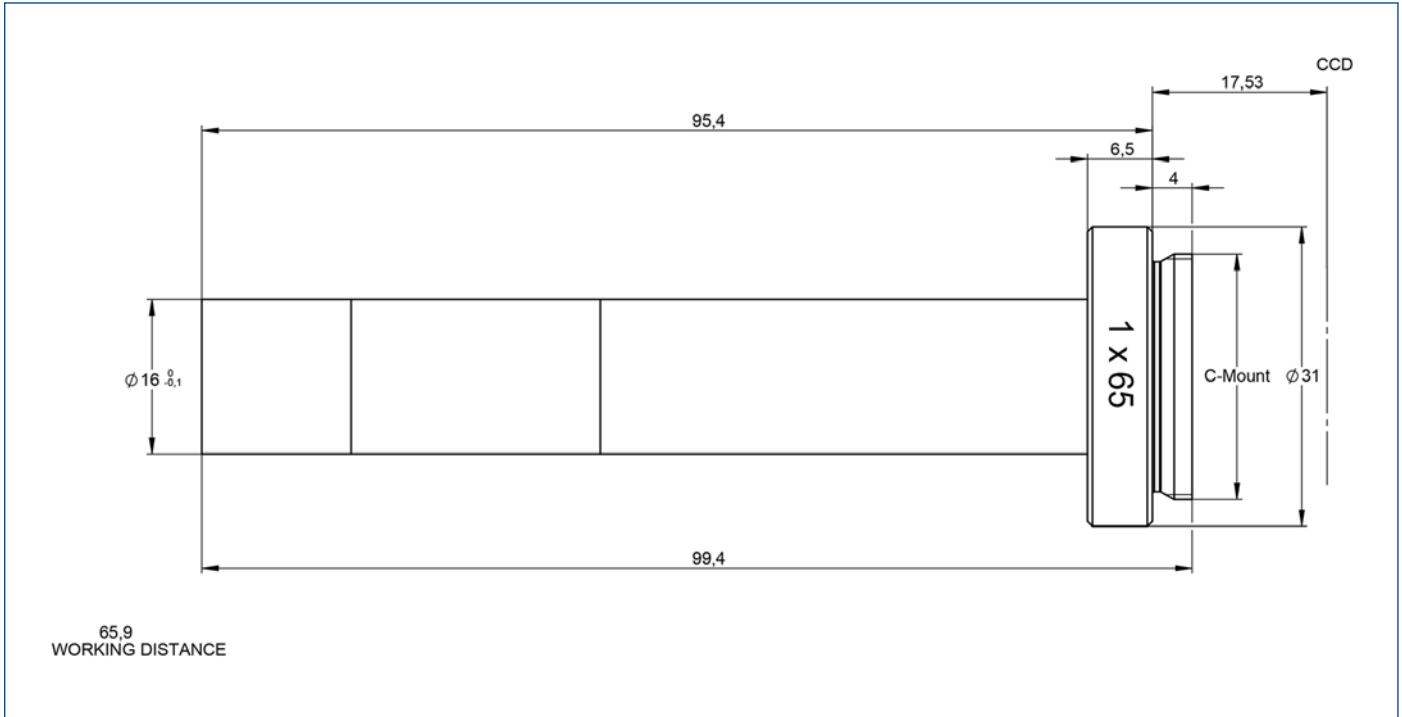


S5LPJ8165 miniature telecentric lens 1.0x



outline drawing

specifications

article number	S5LPJ8165	numerical aperture (fixed iris)	0.03
wavelength [nm]	450-700	resolution power ¹⁾ [μm]	12.9
magnification (±5%)	1.000	depth of field [mm]	1,53
working distance [mm] (±2%)	65.9	mount	C-mount
max. object size [mm] @ 4.8 x 3.6 (1/3")	4.8 x 3.6	flange focal distance [mm]	17.53
max. object size [mm] @ 6.4 x 4.8 (1/2")	6.4 x 4.8	Ø clear aperture [mm]	12.3
max. object size [mm] @ ---	---	with coaxial illumination ²⁾	0
max. distortion [%]	< 0.1	weight [kg]	0.06

Notes:

- data given by design

- glueing not possible

¹⁾ object-sided resolution power @550nm for given fixed numerical aperture

²⁾ integrated coaxial illumination with non-polarized beamsplitter, port for Ø 8 mm fibre or spot illumination