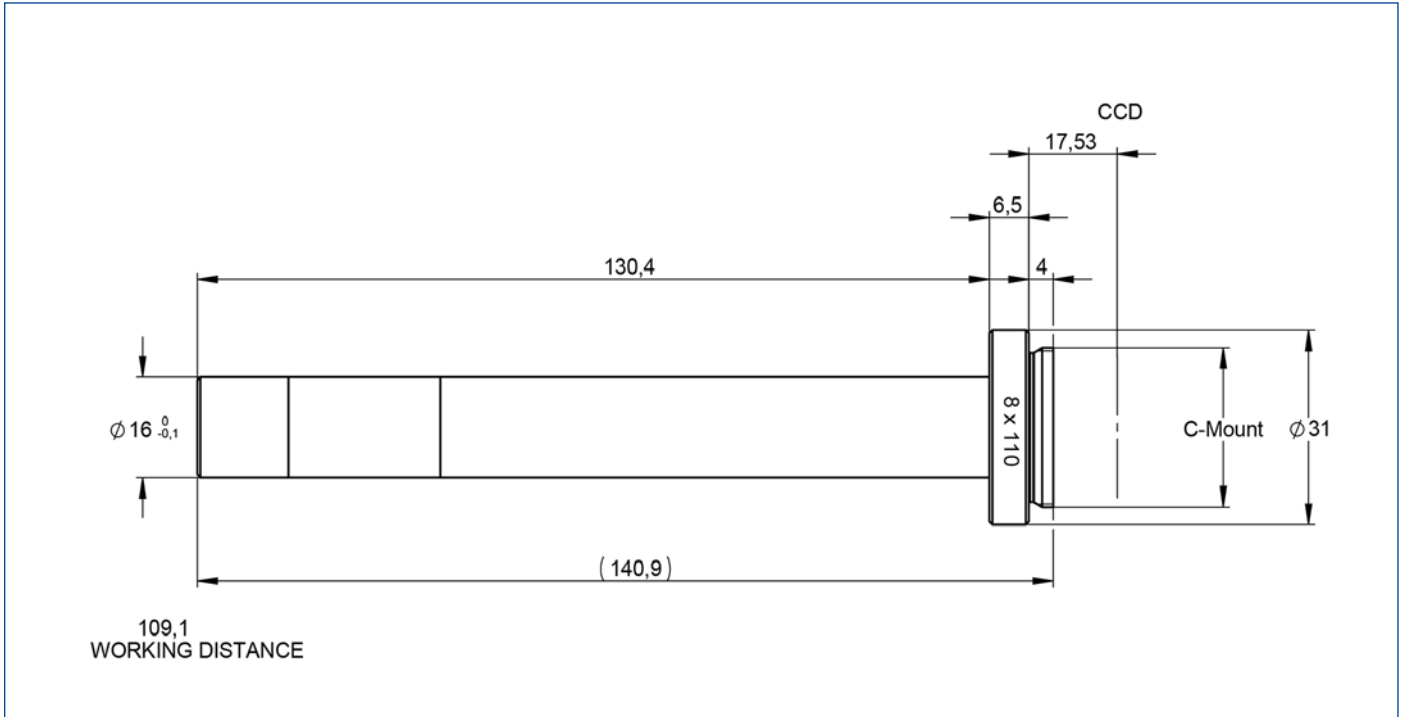


S5LPJ8811 miniature telecentric lens 8.0x



outline drawing

specifications

article number	S5LPJ8811	numerical aperture (fixed iris)	0.05
wavelength [nm]	450-700	resolution power ¹⁾ [μm]	6.7
magnification ($\pm 5\%$)	8.000	depth of field [mm]	0,1
working distance [mm] ($\pm 2\%$)	109.1	mount	C-mount
max. object size [mm] @ 4.8 x 3.6 (1/3")	0.6 x 0.4	flange focal distance [mm]	17.53
max. object size [mm] @ 6.4 x 4.8 (1/2")	0.8 x 0.6	\varnothing clear aperture [mm]	12.3
max. object size [mm] @ 8.8 x 6.6 (2/3")	1.1 x 0.8	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 $\varnothing 8$ mm fibre or spot illumination