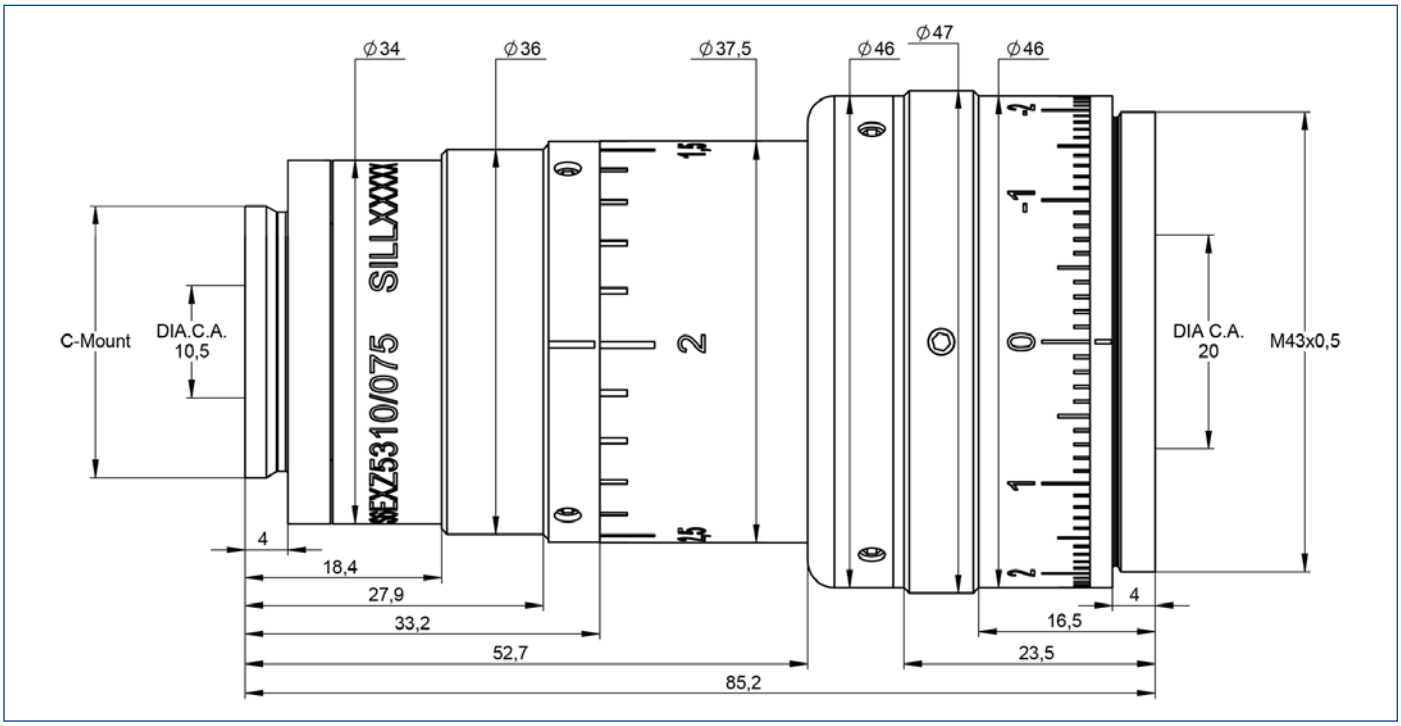
DATA SHEET

新特光电
Sintec Optronics

S6EXZ5310/075
Beamexpander

- magnification 1.0 - 3.0
- for 355 nm
- fused silica
- standard coating



outline drawing

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specifications

article number	S6EXZ5310/075
design wavelength [nm]	355
magnification factor	1.0 - 3.0 continuous
divergence adjustable[1)]	✓
optical principle	Galilei (no internal focus)
mounting thread	C-mount
pointing stability [mrad]	< 1
clear input aperture [mm]	10.5
clear output aperture [mm]	20.0
max. input beam diameter [mm]	9.0 (1x) - 6.0 (3x)
total number of lenses	4
total transmission [%]	97
lens material	fused silica
LIDT (coating) [J/cm^2]	1.0 (1ns pulse at 50Hz)
no internal ghosts [✓/×]	✓
no internal ghosts, reversed usage	×
weight [kg]	0.30
accessory	S6MEC2530 - adapter C-mount to M30x1

notes

1) Divergence is independent from magnification factor

Data given by design

Attention! The laser should not be operated while zooming!

LIDT = Laser Induced Damage Threshold, valid for the coating at design wavelength and gaussian intensity profil