

S5VPJ1260 Correctal® T60/0.31

- telecentric lens with tunable working distance
- with c-mount
- with variable iris

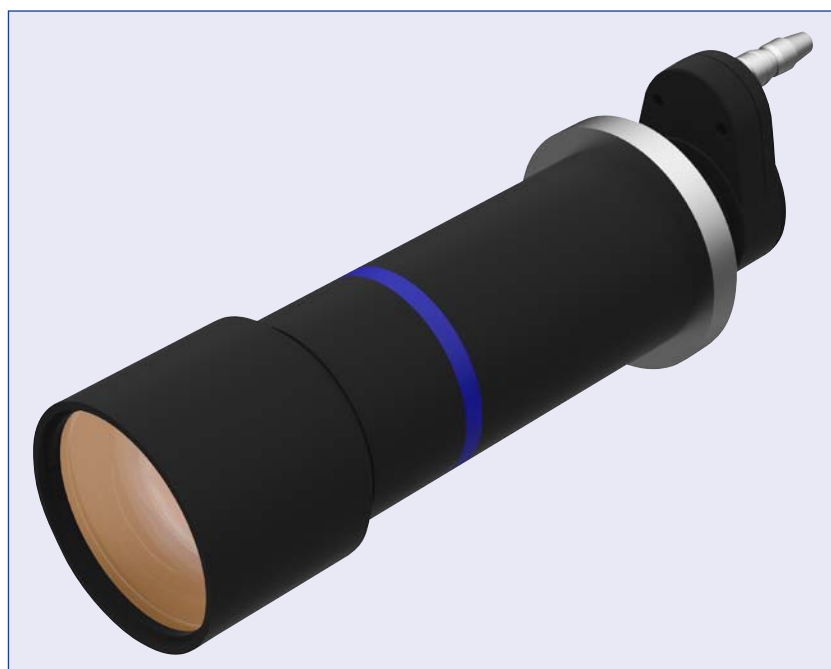
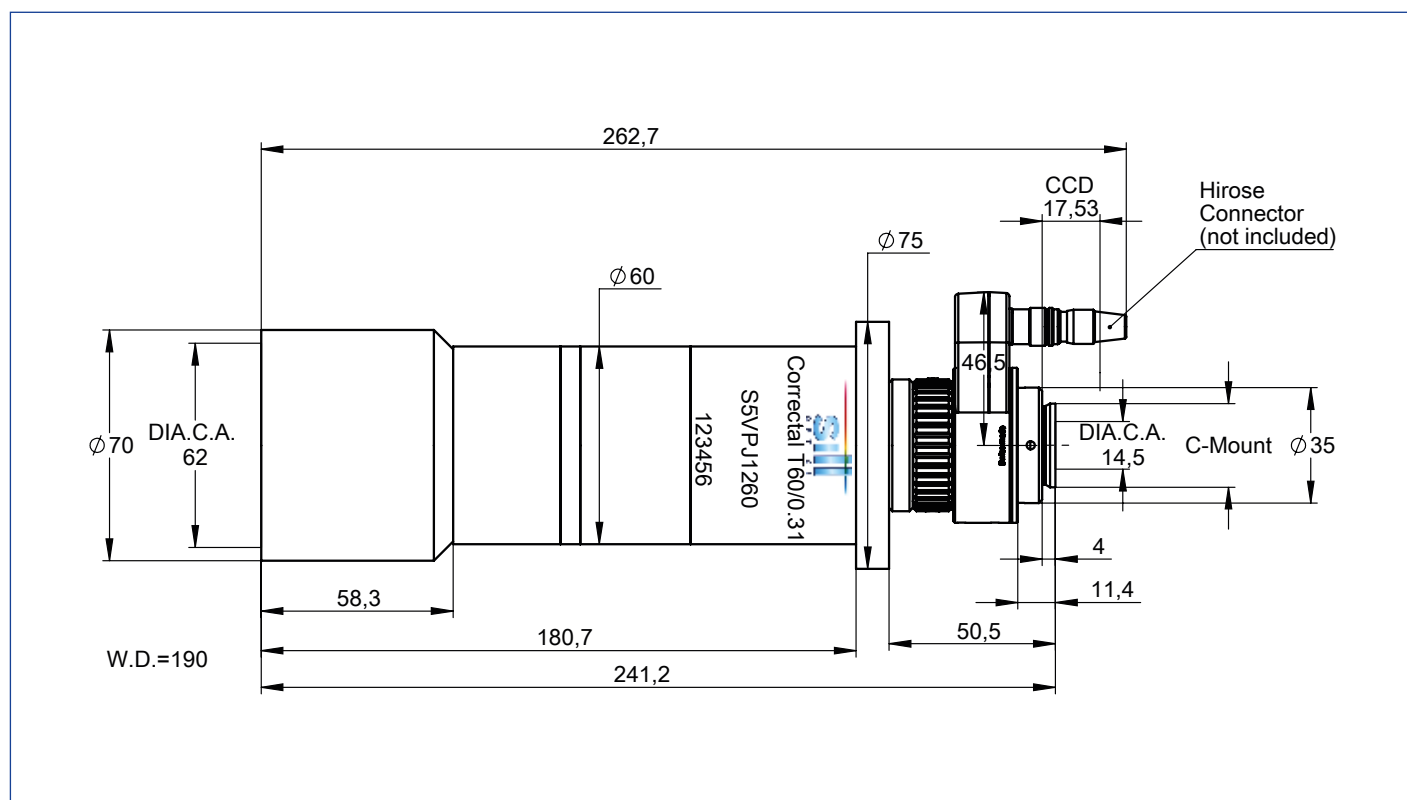


illustration only



outline drawing

DATA SHEET



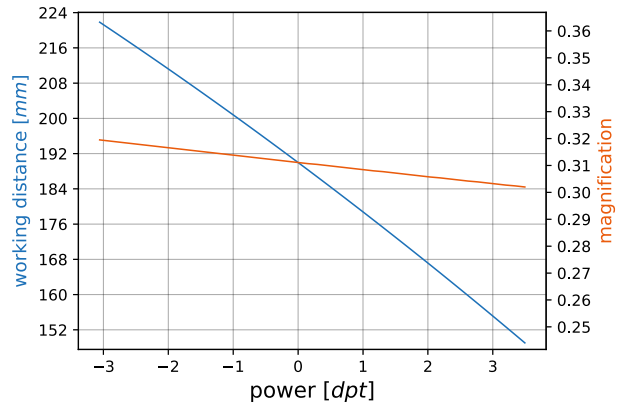
specifications

article number	S5VPJ1260
design wavelength [nm]	450-700
nominal magnification (+/-5%)	0.311
nominal working dist. [mm] (+/-2%)	190.0
object size [mm] at a chip size of [mm]	20.5 x 15.4 6.4 x 4.8 (1/2")
object size [mm] at a chip size of [mm]	28.2 x 21.2 8.8 x 6.6 (2/3")
object size [mm] at a chip size of [mm]	41.1 x 30.8 12.8 x 9.6 (1")
max. distortion [%]	0.45
max. telecentricity error [°]	0.02
numerical aperture	0.015
WD at +3.0 dpt	155.1
magn. at +3.0 dpt	0.303
WD at -2.0 dpt	211.2
magn. at -2.0 dpt	0.316
weight [kg]	1.20
flange back distance [mm]	17.53
accessory (not included)	S5ZUB1640 (Optotune lens driver 4i), S5ZUB1641 (connection cable 6pin Hirose, 100 cm)

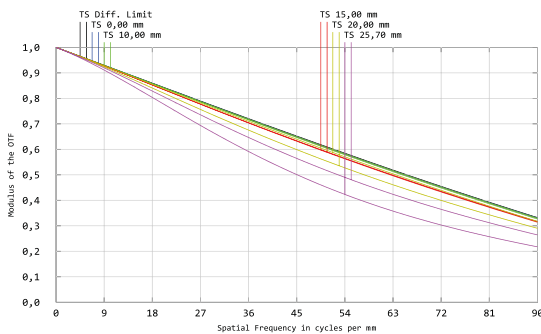
electronical specs

nominal optical power	-2.0 to +3.0 dpt
response time	5 ms
settling time	25 ms
nominal control current	-250 to +250 mA
nominal power consumption	0 to 0.7 W
lifecycles	> 1,000,000,000
operating temperature	-20 to +65 °C
storage temperature	-40 to +85 °C

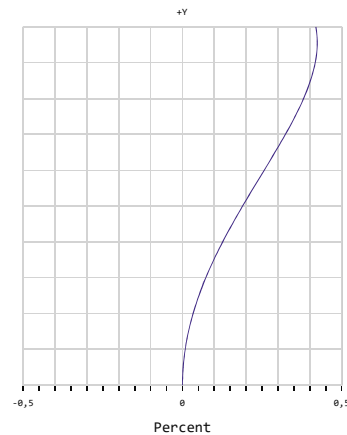
Detailed electronical specification, absolute control current and customized control datasheet: optotune.com



MTF for various object heights for 586 nm at 190.0 mm



Distortion for 586 nm at 190.0 mm



T. tangential S. sagittal x = distortion y = field size

graphs and data given by design.

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